RAYS OF KNOWLEDGE

ECR 2026

EUROPEAN CONGRESS OF RADIOLOGY / VIENNA / MARCH 04 - 08

THE ANNUAL MEETING OF / ESR EUROPEAN SOCIETY OF RADIOLOGY · EFRS EUROPEAN FEDERATION OF RADIOGRAPHER SOCIETIES · ESHI MT MOLECULAR TRANSLATIONAL HYBRID IMAGING / MYESR.ORG

FOREWORD BY THE ESR PRESIDENT MINERVA BECKER

Dear Colleagues and Friends,

It gives me immense joy to unveil the scientific and educational programme for the European Congress of Radiology 2026.

Under the guiding motto, "Rays of Knowledge," ECR 2026 will be a celebration of education and innovation at the heart of radiology. It will shine a light on the power of learning and discovery that continues to advance our field with a strong focus on progressive educational methods, multidisciplinary collaboration, and technological advancements. It is my hope that this meeting will serve as a roadmap for the future of patient-centred, knowledge-driven imaging practice.

In 2026, the In Focus programme returns with the theme 'The Art of AI in Clinical Practice', dedicated to exploring how artificial intelligence is transforming radiology with creativity and precision. Through expert-led sessions, attendees will discover how AI is democratising screening, enhancing communication, and redefining oncologic follow-up. Ethical considerations, regulatory frameworks, and innovative diagnostic approaches will be central themes, offering a comprehensive look at AI's evolving role in clinical practice.

Familiar favourites of our annual meeting such as the AI Theatre and The Cube will also return, along with session formats we know and love, ranging all the way from Image Interpretation Quizzes and Open Forums through to Basic Knowledge and Master Classes.

The immersive course "Decoding the Diagnosis: Radiology Meets Pathology" will offer a unique journey that bridges the gap between what we see in imaging and pathologic truth. By pairing striking imaging findings with their precise pathologic counterparts, participants will sharpen diagnostic skills and recognise subtle patterns with greater confidence. Perfect for trainees and seasoned radiologists alike, it will be an inspiring way to see imaging with fresh eyes and elevate everyday practice.

A new format at ECR 2026 will be the 'How We Do It' session series. This collection of open forum sessions will address essential topics in radiology practice in a less conventional way. Shared experience didactics replaces the frontal lecture with presenters approaching the topics by engaging with their daily clinical experiences and inviting the attendees to do the same.

I am also very excited to share the news that there will be not three, but four outstanding speakers for the Plenary Lectures at ECR 2026, taking place over three thrilling sessions and covering the topics of AI, liver disease and stroke.

In four captivating ESR Meets sessions, we'll discover how radiology is approached across our featured countries - France, Japan, Switzerland, and the United States.

ECR has long stood as more than a congress for radiologists alone - it is a hub of diversity within the imaging and healthcare community bringing together expertise and talents from across disciplines. With this in mind, I am pleased to announce that on Saturday, March 7, we will hold a new 'Subspecialties on Stage' series. These sessions aim to showcase the beauty of selected subspecialties, highlight some current topics, and discuss their activities advancing radiology and radiology education.

Another discipline that we have a long-term alliance with is radiography. With ECR also acting as the official congress of the European Federation of Radiographer Societies (EFRS), I extend a heartfelt invitation to our radiographer colleagues and to professionals from all allied fields to join us in an inspiring exchange of ideas and expertise at this meeting.

And, finally, we will have some truly memorable 'Out of the box' lectures blending art, history, music, and radiology.

Our guiding vision, "Rays of Knowledge," reflects our determination to make learning accessible and illuminating for all. In keeping with ECR's spirit of adaptability, we are proud to offer a truly hybrid experience that bridges distances and time zones. Whether you are with us in Vienna or participating online, you will have the opportunity to engage with a rich, interactive programme available both live and on-demand, bringing the essence of ECR directly to you, wherever you are.

As preparations continue, I want to extend my deep appreciation to everyone whose energy and commitment have shaped this congress. Countless individuals have poured their passion into every detail. Their dedication has made ECR 2026 possible, and for that, I am sincerely grateful.

I look forward to welcoming you all to Vienna, where we will unite radiologists, researchers and industry partners in our shared pursuit of excellence and grow under the bright light of "Rays of Knowledge".

With warm regards,

Prof. Minerva Becker,
ECR 2026 PRESIDENT

FOREWORD BY THE EFRS PRESIDENT
PATRIZIA CORNACCHIONE

Dear Colleagues and Friends,

It is with great pleasure that I welcome you to the European Congress of Radiology 2026, held under the inspiring theme "Rays of Knowledge". This theme captures the essence of our profession: radiographers stand at the meeting point of light and learning, transforming invisible signals into understanding and technology into care.

Paraphrasing Leonardo da Vinci, "Impara a vedere. Comprendi che tutto è connesso – Learn to see. Realize that everything is connected", this timeless insight perfectly reflects the spirit of this year's congress. Knowledge in radiology and radiography is not confined to individual expertise: it is a network of shared understanding that connects disciplines, generations and cultures in the service of better healthcare.

The programme for ECR 2026 embraces this vision of connection. It provides a dynamic and inclusive platform where radiographers, radiologists, medical physicists and allied professionals come together to learn with and from each other. Interdisciplinarity is not merely a principle. It is the very foundation of innovation in imaging. Through dialogue and collaboration, we strengthen our collective ability to deliver precise, safe and compassionate care.

This year's sessions will explore the expanding frontiers of radiography: advanced imaging and data analysis, the integration of artificial intelligence, sustainability in medical imaging, patient-centred communication and the evolving leadership of radiographers in current and new clinical and research settings.

Education remains at the heart of our mission. The Rays of Knowledge programme invites participants to engage in interactive learning, critical discussion and practical exploration. Through the Radiographers' Scientific Programme, workshops and networking events, we aim to empower professionals at every stage of their career to connect ideas, evidence and people.

We are particularly proud of the EFRS Meets session, which showcases the achievements of our member societies and highlights innovation from across Europe. The Student and Radiographers' Open Forum will once again offer a space for young professionals to share their enthusiasm, creativity and vision for the future of radiography.

ECR 2026 is more than a congress: it is a living network of minds and hearts. Every encounter, every collaboration, every question asked becomes part of a larger picture of understanding. Together, we embody the wisdom of Leonardo's words: by learning to see, we truly comprehend how everything is connected.

Let us gather in Vienna to learn, to share and to shine together as one community, united by purpose and guided by knowledge.

Warm regards,

Patrizia Cornacchione, PhD
PRESIDENT, EUROPEAN FEDERATION
OF RADIOGRAPHER SOCIETIES

ECR 2026 SESSION DEFINITIONS

ARTIFICIAL INTELLIGENCE THEATRE SESSIONS

The AI Theatre sessions feature the latest breakthroughs in AI in the form of keynote lectures, panel discussions, and sessions discussing systems' interoperability. In a less formal setting, these 60-minute sessions aim to present the latest developments in the field, engage attendees in relevant discussions, and offer networking opportunities.

CLINICAL TRIALS IN RADIOLOGY SESSIONS

In Clinical Trials in Radiology (CTiR) sessions, scientific evidence is presented for imaging tests that are very likely to impact a radiologist's clinical practice in the future. Each CTiR presented during these sessions is accompanied by a commentary from experts in the respective field.

CONNACTION - RADIOLOGY CONNECTING DISCIPLINES

The „connAction - Radiology Connecting Disciplines" event will feature some of radiology's biggest names sharing the stage with experts from other medical disciplines. The sessions will cover a wide range of topics and will share a common thread in examining radiology's place in the healthcare continuum and emphasising the importance of taking a multidisciplinary approach to care. The sessions are characterised by very short presentations and a long case-based discussion, simulating multidisciplinary interaction in a daily clinical practice.

E^3 - ADVANCED COURSES

„The E^3 - Advanced Courses are a series of sessions covering subjects of great relevance. Conducted by specialists in their discipline, the various sessions within each course demonstrate the multiple facets of the covered topics while complementing one another to provide an in-depth exploration of the respective field. The Interactive Teaching sessions are under the same umbrella and allow attendees to learn through cases while interacting with lecturers using the digital voting tool. The E^3 - Advanced Courses cater to the European Training Curriculum (ETC) learning objectives for the Level II (general radiology) and III (specialised radiology)."

E^3 - ECR MASTER CLASSES

The E^3 - ECR Master Classes focus on continuous professional development and lifelong learning. The classes are designed for subspecialised radiologists, seeking cutting-edge information in their particular fields of interest. They are held by experts in the field and reflect state-of-the-art knowledge, as well as emerging trends. The contents mostly cover Level III European Training Curriculum (ETC) learning objectives.

E^3 - EUROPEAN DIPLOMA PREP SESSIONS

The E^3 - European Diploma Prep sessions prepare attendees for future European Diploma in Radiology (EDiR) examinations. The sessions are organised in close cooperation with the European Board of Radiology (EBR) and offer an opportunity for residents to gain insight into topics relevant to EDiR and their national board examinations. The topics are repeated over two years and cover Levels I and II of the European Training Curriculum (ETC).

E^3 - THE BEAUTY OF BASIC KNOWLEDGE SESSIONS

The E^3 - Beauty of Basic Knowledge sessions offer participants the chance to refresh their knowledge in fundamental topics of imaging, allowing anyone from residents to board-certified radiologists to strengthen their understanding of the essentials of specialised radiology.

E^3 - YOUNG ECR PROGRAMME

The E^3 - Young ECR Programme is specifically tailored to address various essential topics for radiology residents and trainee radiographers. The programme is also suitable for students. Five sections of the programme (Basic Sessions, Case-Based Diagnosis Training Session, Student Sessions and the Radiology Trainees Forum (RTF) Quiz and Highlighted Lectures) ensure that all relevant topics are covered.

EFRS SESSIONS

„The ‚EFRS Meets' session is organised by the European Federation of Radiographer Societies (EFRS) and provides a platform to introduce and highlight the accomplishments of their member societies in the world of radiography. The EFRS Session addresses timely topics interesting to radiographers and related to professional issues in radiography."

ESR AT WORK SESSIONS

The ESR at Work sessions cover a wide range of topics, including but not limited to research, education, audit, and professional development in radiology and related disciplines. The sessions are usually structured in a traditional style, with a few lectures followed by a panel discussion. They are organised by the ESR and ESR-related bodies.

ESR MEETS SESSIONS

The ‚ESR Meets' sessions are an opportunity to gain a greater insight into the innovations and perspectives of other countries and their radiological communities. The ESR is proud to host these sessions, which showcase the ESR's bond with national societies of countries worldwide.

HANDS-ON WORKSHOPS

The ECR Workshops are an excellent opportunity for attendees to practice their skills in a „learning by doing" approach. Through demonstrations, immersive scenarios, and engaging activities, attendees are encouraged to participate actively in acquiring knowledge about relevant topics in the field of radiology. The ECR Workshops cover all levels of the European Training Curriculum (ETC) for radiology, while Workshops organised for radiographers cover topics of interest to trained radiographers.

HOW WE DO IT: FUNDAMENTALS OF RADIOLOGY PRACTICE

The How We Do It session series addresses essential topics in radiology practice in a less conventional way. Shared experience didactics replaces the frontal lecture. The presenters approach the topics by engaging with their daily clinical experiences and inviting the attendees to do the same.

IN FOCUS PROGRAMME

Every congress, the In Focus Programme presents a topical matter to ECR attendees in a multidimensional way. Through expert-led sessions, attendees receive a comprehensive overview of a topic that is transforming clinical practice and radiology as a discipline.

ISRRT SESSIONS

The ISRRT sessions, organised by the International Society of Radiographers and Radiological Technologists (ISRRT), demonstrate the vital role that radiographers play in the medical imaging profession. This is accomplished through the exploration of the practice, research, and unique challenges faced by radiographers.

JOINT SESSIONS

The Joint Sessions are an opportunity to gain a deeper insight into the multidisciplinary collaboration of the ESR with a multitude of other disciplines related to the world of medical imaging. The sessions highlight collaborative efforts in regards to science and professional issues.

(JUNIOR) IMAGE INTERPRETATION QUIZZES

The Image Interpretation Quizzes, two traditional interactive highlights of every ECR, provide both education and entertainment. Distinguished radiologists will share their knowledge and diagnosis strategies with the audience.

MULTIDISCIPLINARY SESSIONS

The Multidisciplinary (MS) sessions promote a multidisciplinary approach to diagnosing and treating diseases. They aim to simulate multidisciplinary collaboration through presentations and interactive case discussions.

NEW HORIZONS SESSIONS

The New Horizons (NH) sessions provide an insight into recent developments within a specific area of practice, be that innovations in technique, evolvements within a speciality, or improvements in disease treatment. Exploring these topics allows presenters to highlight advancements that may become routine in the near future, or that indicate a whole new area of research and clinical application.

OPEN FORUM SESSIONS

The Open Forum (OF) sessions are dedicated to topics that cannot be presented in a traditional frontal teaching style. The sessions are conceptualised in an open space, with short introductory lectures and long discussions. Attendees are invited to share their opinions and experiences during the discussion.

PLENARY LECTURES

Carefully selected experts present topics that have the potential to change the radiology field. The ECR Plenary Lectures (PL) are a condensed presentation of research, innovation and upcoming trends.

PROFESSIONAL CHALLENGES: SHAPING OUR PROFESSIONAL FUTURE SESSION

The Professional Challenges (PC) sessions aim to provide a platform for important issues experienced by those working within the field of radiology. Subjects of current relevance, such as training, education, research, communication, and management, are presented.

REFRESHER COURSES

The Refresher Courses (RC) are comprised of a variety of key radiological topics orchestrated by the scientific subcommittees. The aim of the sessions is not only to refresh the audience's knowledge, but also to review, inform, and offer updates of the various fields through engaging presentations suitable for those new in radiology, as well as experienced doctors. A small portion of the Refresher Courses – called Collaborative Learning - is organised in cooperation between two scientific subcommittees to demonstrate the strength of inter-subspeciality cooperation.

RESEARCH PRESENTATION SESSIONS

The Research Presentation (RP) sessions feature the best of submitted abstracts. These sessions present cutting-edge radiology science from all over the world. The scientific subcommittees have carefully selected abstracts and created sessions that touch on some of the essential topics in radiology research.

SPECIAL FOCUS SESSIONS

The Special Focus (SF) sessions explore developments within the world of clinical radiology, tackling these complex matters through in-depth analysis and debate.

SUBSPECIALTIES ON STAGE

The Subspecialties on Stage sessions are a new format debuting at ECR 2026. These sessions aim to showcase the beauty of selected subspecialties, highlight some current topics, and discuss their activities advancing radiology and radiology education.

STATE OF THE ART SYMPOSIA

The State of the Art (SA) symposia are an opportunity for experts in their field to educate and inform the audience on essential topics such as anatomical regions, specific diseases, or particular techniques. Presentations are backed by experience, evidence and data of the chosen subjects.

THE ART OF ACTIONABLE REPORTING

The theoretical and practical Art of Radiology Reporting session series establishes guiding principles in radiology reporting for those seeking to improve or learn new report-writing techniques. The theoretical sessions are accessible on a first-come, first-served basis. The practical sessions have a limited number of attendees and are accessible only upon preregistration. The attendance limitation is due to the session's format, which asserts a small-group, intense learning setting.

THE CUBE: UNCONVENTIONAL. INTERVENTIONAL

The Cube sessions are part of a four-day interventional radiology event that focuses on peripheral, central, oncological, and neurological interventional radiology in an engaging and hands-on environment. The sessions are 30 minutes long, interactive, and organised by a group of experts from the field. They aim to present basic tools of interventional radiology, discuss cases and the explore the newest developments in the field.

TRANSATLANTIC COURSE OF ESR AND RSNA

The Transatlantic Course (TC) combines the resources of the ESR and RSNA (Radiological Society of North America) to present a series of sessions concentrated around a central topic. The sessions usually include case-based interactive discussions and align with Levels II and III of the European Training Curriculum (ETC).

Preliminary programme printed on November 9, 2025
subject to change without previous notice

EFRS 1 - EFRS and the Radiography Journal: building a research culture across the profession

Categories: Education, Evidence-Based Imaging, Professional Issues, Radiographers, Research
Date: March 4, 2026 | 08:00 - 09:30 CET

Chairpersons' introduction (2 min)

The Radiography Journal: where we are and what lies ahead (14 min)

1. To highlight the performance of the Radiography Journal.
2. To explore challenges and opportunities regarding the Radiography Journal and our profession.
3. To identify opportunities for enhanced professional engagement.

A reflection on the development of radiography research over the past 20 years (14 min)

1. To explore our profession’s research journey over the past 20 years.
2. To reflect on the areas where significant progress has been made.
3. To consider areas where radiographers and the profession must strive to progress in the years ahead.

Moving our research up the pyramid of scientific (14 min)

1. To understand the hierarchy of scientific evidence and its relevance to radiography research.
2. To identify strategies for enhancing the methodological rigor and impact of radiographic studies.
3. To explore pathways for translating radiography research into higher levels of evidence.

Radiography research culture: an international study exploring the barriers, facilitators and potential solutions to promote research career pathways (14 min)

1. To introduce the Radiography Journal editorial fellowship project.
2. To explore the barriers and facilitators impacting the development of a cross-profession research culture.
3. To discuss examples of real-world solutions to promote research across our profession.

Building a professional research culture: the work of the EFRS and the journal (14 min)

1. To highlight the position of the EFRS on advancing our professional evidence-based and strengthening a European professional research culture.
2. To discuss key aspects of the need for the EFRS to collaborate with the Radiography Journal as its official journal.
3. To reflect on areas of strategic activity for the EFRS linked to building a professional research culture in partnership with the journal.

Panel discussion: What is our collective vision for the future? (18 min)

SF 1 - Abdominal imaging in pregnant women

Categories: Abdominal Viscera, Emergency Imaging, EuroSafe Imaging/Radiation Protection, Genitourinary, GI Tract

ETC Level: LEVEL II

Date: March 4, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Managing abdominal emergencies (23 min)

1. To identify appropriate imaging modalities for evaluating acute abdominal pain in pregnancy and recognise key limitations and pitfalls.
2. To list characteristic imaging findings of acute appendicitis and other causes of abdominal pain in pregnancy, including bowel, ovarian, pancreatic, renal, and uterine pathology.
3. To interpret and differentiate imaging appearances of these conditions, with an emphasis on the diagnostic role of MRI.

Protocol optimisation for safe imaging in pregnancy (23 min)

1. To become familiar with CT safety issues for mother and fetus.
2. To learn about MRI safety issues for the mother and fetus.
3. To discuss indications and contraindications regarding the use of contrast agents in pregnant women.

Liver and pregnancy (23 min)

1. To describe the key physiological changes in the liver during pregnancy and explain how these modifications influence imaging interpretation.
2. To identify pregnancy-specific hepatic conditions (intrahepatic cholestasis of pregnancy, pre-eclampsia/eclampsia, HELLP, acute fatty liver of pregnancy) as well as those exacerbated or revealed in pregnancy.
3. To analyse how radiological findings direct therapeutic decisions and anticipate severe complications to optimise maternal–fetal outcomes.

Panel discussion: Abdominal imaging and pregnancy: what to look for and how? (16 min)

PC 1b - Empowering leaders in radiology: inspiring, innovating, and collaborating

Categories: Artificial Intelligence, Education, Multidisciplinary, Professional Issues, Research

ETC Level: ALL LEVELS

Date: March 4, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Leadership in multidisciplinary collaboration: enhancing radiology's role in patient-centred care (15 min)

1. To understand the role of radiologists in patient-centred multidisciplinary care.
2. To learn effective communication and leadership skills for radiologists in tumour boards and clinical settings.
3. To explore how digital tools can enhance multidisciplinary workflows.

Leading through change: adapting to AI, digitalisation, and new clinical demands (15 min)

1. To explore the impact of digitalisation and AI on radiology leadership.
2. To learn how to manage organisational changes while ensuring quality and efficiency amidst AI, digitalisation and new clinical demands.
3. To understand strategies for balancing technology adoption with human expertise in radiology.

Motivating young radiologists: leadership for engagement and knowledge growth (15 min)

1. To understand the challenges young radiologists face in expanding their knowledge and how to address them (e.g. new ways of teaching).
2. To explore how different leadership styles can positively influence young radiologists' career development and job satisfaction.
3. To highlight the importance of mentoring and professional development programmes to support continuous growth.

Building successful research groups: strategies for impact and sustainability (15 min)

1. To learn key principles for establishing and sustaining high-impact research groups.
2. To understand how to mentor and retain top talent in academic radiology.
3. To appreciate the role of collaboration and funding strategies in achieving research success.

Panel discussion: Shaping the future of radiology leadership: navigating change, innovation, and growth (25 min)

BS 1a - Breast imaging

Categories: Breast, Imaging Methods
ETC Level: LEVEL I+II
Date: March 4, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Introduction to breast imaging: understanding mammography, ultrasound, and MRI (15 min)

1. To explain the role of mammography in diagnosing breast cancer.
2. To explain the role of ultrasound in diagnosing breast cancer.
3. To explain the role of MRI in diagnosing breast cancer.

BI-RADS made simple: how to categorise breast findings (20 min)

1. To understand BI-RADS categories and descriptions.
2. To explain the structured reporting & best practices in BI-RADS.
3. To learn practical strategies for writing clear BI-RADS reports.

MRI in breast imaging: when is it needed and what to look for? (20 min)

1. To explain the indications for breast MRI.
2. To identify key MRI findings.
3. To learn how to write an effective breast MRI report.

TF - No one's favourite: radiology's most avoided territories

Categories: Cardiac, Education, Genitourinary, Head and Neck

ETC Level: LEVEL I+II

Date: March 4, 2026 | 08:00 - 09:30 CET

Chairpersons' introduction (10 min)

Lost in the labyrinth: making sense of head and neck imaging (20 min)

1. To learn a systematic approach to evaluating complex head and neck anatomy in cross-sectional imaging.
2. To appreciate the most common diagnostic pitfalls and how to avoid them in daily reporting.
3. To understand when advanced imaging (e.g. DWI, perfusion, dual-energy) truly adds value in clinical scenarios.

Heartbreak in the reading room: demystifying cardiac CT and MRI (20 min)

1. To learn the basic principles and protocols for cardiac CT and MRI relevant to general radiologists.
2. To appreciate the strengths and limitations of cardiac imaging in various clinical settings (e.g. chest pain, myocarditis, cardiomyopathies).
3. To understand how to recognise common pathology and integrate structured cardiac reporting into routine practice.

Pelvis confidential: what they didn't teach you about female imaging (20 min)

1. To learn the key anatomical landmarks and typical imaging appearances of the uterus, ovaries, and adnexal structures.
2. To appreciate the spectrum of normal variants and pathological findings across the menstrual cycle and in different age groups.
3. To understand how to differentiate benign from malignant features and when further workup or multidisciplinary input is needed.

Panel discussion (20 min)

PC 1a - What radiologists need to know about the European Health Technology Assessment (HTA) Regulation and why it matters

Categories: Evidence-Based Imaging, Management/Leadership, Professional Issues

ETC Level: LEVEL II+III

Date: March 4, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Demystifying the new EU HTA regulation (18 min)

1. To elaborate on the Health Technology Assessment (HTA) regulation.
2. To present the timeline and scope of implementation across EU countries.
3. To present key changes and how they affect technology evaluation in healthcare.

The radiology perspective: risks, opportunities, and responsibilities (18 min)

1. To talk about the impacts of HTA on the adoption of imaging technologies.
2. To argue the role of evidence generation in radiological innovation.
3. To show what radiologists, manufacturers, and healthcare providers must prepare for.

Getting involved: how radiology can shape HTA outcomes (18 min)

1. To explain how to build strong clinical data and patient-reported outcomes.
2. To talk about how to collaborate with HTA bodies and policy-makers.

Panel discussion (31 min)

E³ 121 - Contrast media: what young radiologists should know about sustainability, cost and deposition of contrast media

Categories: Contrast Media, Emergency Imaging, General Radiology, Medico-legal

ETC Level: LEVEL I+II

Date: March 4, 2026 | 08:00 - 09:30 CET

Sustainability (30 min)

1. To get awareness of the sustainable and responsible use of iodinated contrast media.
2. To learn about various measures that can be taken today to reduce the environmental impact and conserve resources.
3. To learn that contrast media use can be made more efficient by optimising contrast-enhanced CT examinations.

Waste (30 min)

1. To explain the consequences of inappropriate contrast agent disposal.
2. To discuss current methods for the responsible disposal of waste contrast media.
3. To explore future contrast waste disposal and recycling opportunities.

Deposition/Retention (30 min)

1. To review the history of knowledge regarding the deposition/retention of contrast agents and/or their components in human tissues.
2. To explain the current understanding of the mechanisms behind these phenomena.
3. To review the evidence as to whether there are any clinically important consequences to these processes.

MS 1 - Acute retrosternal chest pain: from symptom to diagnosis

Categories: Cardiac, Chest, Evidence-Based Imaging, General Radiology, Vascular

ETC Level: LEVEL I+II

Date: March 4, 2026 | 08:00 - 09:30 CET

In this multidisciplinary session, we share evidence-based approaches to diagnose the patient with acute retrosternal chest pain in the emergency room. An emergency radiology physician, cardiologist and radiologists present the pathway steps from initial symptoms to final diagnosis. The role of imaging is discussed, and typical imaging findings are highlighted. The session ends with an interactive case discussion in which the audience is also asked for feedback.

Chairperson's introduction (5 min)

Clinical triage: the first minutes (15 min)

CT to exclude cardiac causes? (15 min)

Do we need an echo or a direct cath? (15 min)

Imaging to diagnose a non-cardiac cause (15 min)

Multidisciplinary case discussion (25 min)

BS 1b - Ongoing radiographer PhDs in 180 seconds

Categories: Education, Professional Issues, Radiographers

Date: March 4, 2026 | 08:15 - 09:15 CET

The aim of this session is to promote networking amongst the radiography community, allowing at the same time, to showcase innovative research from radiographers' PhD candidates, each presenting their work in just 180 seconds. Covering a diverse range of topics from imaging technology to patient safety and AI, this session offers a glimpse into the future of radiographic science aligned with clinical practice.

Chairperson's introduction (3 min)

Artificial intelligence-based contouring procedures in radiotherapy (3 min)

360 environment for radiation therapy patients (3 min)

Automatic quality control system for ultrasound equipment (3 min)

Cancer screening enhancement used GSI post-processing (3 min)

Optimisation of the patient stroke pathway: interventional imaging (3 min)

Optimising iodinated contrast injection protocols for oncological CT examinations (3 min)

Low field MRI for MSK studies (3 min)

Promoting user-centred transparency and explanation in artificial intelligence for PET/CT image reconstruction (3 min)

Interprofessional cooperation: a case study of a public hospital group (3 min)

Education practices for radiographers: technological competencies and medical humanities (3 min)

Professionals' knowledge and experiences of supplementary breast cancer screening in women with dense breasts across Europe: a mixed-methods approach to inform best practice (3 min)

CT colonography: improving quality and patient experience (3 min)

Radiation exposure and obesity relationship to diagnostic and therapeutic purposes (3 min)

Questions and answers (18 min)

OF 1Y - Focus on time management: work smarter, not harder

Categories: Education, Management/Leadership, Research, Students

ETC Level: ALL LEVELS

Date: March 4, 2026 | 08:30 - 09:30 CET

Time is a limited resource in radiology, especially for trainees juggling clinical work, learning goals, and academic aspirations. This session explores strategies for becoming more efficient in daily workflow, integrating education into clinical tasks, and maintaining balance without burning out. Practical tips, digital tools, and shared experiences will offer guidance on how to stay productive while staying sane.

Chairpersons' introduction (5 min)

Survival mode off: optimising your daily workflow (10 min)

From chaos to curriculum: integrating learning into clinical work (10 min)

Wearing many hats: balancing training, research and teaching (10 min)

Open forum discussion: Is it even possible to do it all? (25 min)

CUBE 1 - Innovation and intervention in arteriovenous fistulas

Categories: Education, Hybrid Imaging, Interventional Radiology, Professional Issues, Research, Vascular

ETC Level: LEVEL II+III

Date: March 4, 2026 | 09:00 - 09:30 CET

Chairperson's introduction (2 min)

From problem to prototype: developing devices and patents in vascular access (14 min)

1. To learn the step-by-step process of translating a clinical problem into a medical device or patented innovation in interventional radiology.
2. To appreciate the practical challenges and opportunities in designing, testing, and protecting novel tools for vascular access.
3. To understand how collaboration between clinicians, engineers, and industry can accelerate innovation and improve patient care.

Saving the access, and keeping it: tools, techniques, and strategy for long-term AVF success (14 min)

1. To learn effective tools and techniques for rescuing failing or thrombosed arteriovenous fistulas.
2. To appreciate the importance of long-term access planning, surveillance, and tailored decision-making.
3. To understand how interventional radiologists can take a proactive role in improving AVF patency and patient outcomes over time.

RC 201 - Preneoplastic lesions in hepato-pancreato-biliary (HPB) system: see and wait?

Categories: Abdominal Viscera, Imaging Methods, Multidisciplinary, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (3 min)

Preneoplastic liver lesions: distinguishing the harmless from the dangerous (15 min)

1. To review the imaging features of regenerative and dysplastic nodules in cirrhosis.
2. To identify risk factors and imaging signs of progression to hepatocellular carcinoma.
3. To propose imaging follow-up strategies and thresholds for intervention.

Biliary and gallbladder preneoplastic conditions: ignore, monitor, or operate? (15 min)

1. To understand the imaging spectrum of biliary intraepithelial neoplasia (BilIN), intraductal papillary neoplasm of the bile duct (IPNB), and gallbladder polyps.
2. To learn size, morphology, and enhancement features that raise concern.
3. To align radiological findings with surgical and oncologic decision-making.

Pancreatic cystic lesions: how not to overcall or overlook (15 min)

1. To differentiate between intraductal papillary mucinous neoplasm (IPMN), mucinous cystic neoplasm (MCN), and other cystic lesions based on imaging criteria.
2. To apply risk stratification systems and guidelines.
3. To outline practical surveillance intervals and indications for resection.

Panel discussion: How to share knowledge and responsibility in multidisciplinary teams (12 min)

E³ 226c - Interstitial lung disease (ILD): I haven't got a clue!

Categories: Chest
ETC Level: LEVEL III
Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction: interpreting ILD patterns (15 min)

Interactive ILD cases (45 min)

1. To learn through interactive cases on interstitial lung abnormalities, progressive pulmonary fibrosis and connective tissue disease.
2. To provide a clinical perspective of why it is important to differentiate things like progression, inflammatory changes, when to consider biopsy, and treatment options.

MR 2 - Imaging biomarkers in clinical practice

Categories: Education, Evidence-Based Imaging, Management/Leadership

ETC Level: LEVEL II

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairpersons' introduction (5 min)

MRI and biomarkers: current status and future prospectives (15 min)

1. To learn the potential of MRI biomarkers for clinical application.
2. To appreciate the current limitations of MRI biomarkers.
3. To understand the pathway towards clinical implementation of MRI biomarkers.

How do we establish methods and standards for biomarkers in MRI: challenges and goals in quality assurance (15 min)

1. To learn about the current methodologies used in the identification and validation of MRI-based biomarkers and their role in clinical and research settings.
2. To appreciate the key challenges in establishing standardised protocols for biomarker quantification and the impact of variability across sites, platforms, and acquisition parameters.
3. To understand the principles and goals of quality assurance in MRI biomarker development, including reproducibility, harmonisation efforts, and emerging international frameworks.

Using the ESR EIBALL Biomarkers Inventory for clinical MRI (15 min)

1. To learn about EIBALL and the potential value of quantitative imaging biomarkers.
2. To appreciate the challenges and solutions of MRI in quantitative imaging biomarker assessment.
3. To understand the necessary steps to assess reliably and reproducibly.

Panel discussion: Can we begin using biomarkers in clinical practice? (10 min)

RC 207 - Female pelvic oncology: an update

Categories: Education, Genitourinary, Imaging Methods, Oncologic Imaging, Research

ETC Level: LEVEL II

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Endometrial cancer (15 min)

1. To learn about the clinical indications and imaging modalities for endometrial cancer staging.
2. To learn how to acquire and report MRI images according to the new guidelines appropriately.
3. To understand the clinical implications of imaging.

Cervical cancer (15 min)

1. To learn about the clinical indications and imaging modalities for cervical cancer staging.
2. To learn how to acquire and report MRI images according to the new guidelines appropriately.
3. To understand the clinical implications of imaging.

Ovarian cancer (15 min)

1. To learn about the clinical indications and updated ESUR imaging criteria for ovarian cancer staging.
2. To learn how to appropriately acquire and report MRI images based on the new ESUR guidelines.
3. To understand the clinical implications of imaging.

Panel discussion: How does imaging influence the management of patients? (10 min)

RC 214 - Radiography safety: current trends and future directions

Categories: EuroSafe Imaging/Radiation Protection, Professional Issues, Radiographers

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairpersons' introduction (5 min)

Procedural safety: communication, risk, and quality in imaging (10 min)

1. To understand the critical role that radiographers play in promoting procedural safety within radiography.
2. To identify key leadership behaviours and communication strategies that radiographers can use to advocate for safety and quality care.
3. To learn how to apply procedural safety protocols and risk management principles in real-world imaging scenarios to enhance patient and staff outcomes.

Towards safer work environments for radiographers (10 min)

1. To understand the work environment aspects that can affect radiographers' safety.
2. To make managers aware of the need for better work conditions and safer practices in radiography.
3. To learn strategies for safer practice.

Radiation protection in nuclear medicine: evolving standards (10 min)

1. To recognise key advancements in nuclear medicine technology that minimise patient and staff radiation exposure.
2. To understand current best practices in radiopharmaceutical handling that enhance procedural safety and compliance.
3. To identify quick, practical strategies using time, distance, and shielding to immediately improve radiation safety during nuclear medicine procedures.

Safety assurance in magnetic resonance practice (10 min)

1. To identify key MRI safety risks and relevant safety zones.
2. To understand the role of audits in ensuring MRI safety compliance.
3. To learn how to apply local MRI safety procedures and respond to safety incidents.

Panel discussion: Safety radiography environment (15 min)

RC 210 - Handling the details of the wrist

Categories: Education, Evidence-Based Imaging, Imaging Methods, Musculoskeletal

ETC Level: LEVEL II

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Ligaments of the wrists (15 min)

1. To name and identify the extrinsic and intrinsic ligaments and address the role of the ligaments in carpal instability.
2. To discuss injury patterns of intrinsic ligaments in the clinical context.
3. To describe the pathological appearance of the extrinsic ligaments.

Scaphoid non-union advanced collapse (SNAC) and scapho-lunate advanced collapse (SLAC) wrist (15 min)

1. To describe the anatomical and biomechanical differences between SLAC and SNAC wrists, including their underlying causes and progression patterns.
2. To accurately recognise key imaging findings and clinical signs associated with each condition to diagnose and differentiate between SLAC and SNAC wrists.
3. To discuss conservative and surgical treatment approaches for SLAC and SNAC and interpret the postoperative findings.

Triangular fibrocartilage complex (TFCC) (15 min)

1. To define the anatomy of the triangular fibrocartilage complex, anatomical variants, and functional anatomy.
2. To discuss the imaging of TFCC injuries, considering the clinical assessment and the proper imaging interpretation.
3. To list classifications of traumatic and degenerative TFCC injury and address their limitations.

Panel discussion: How detailed do we need to report changes to the wrist? (10 min)

OF 2Y - Residents as teachers: effectively using new interactive teaching technologies (part 1)

Categories: Education, Management/Leadership, Research, Students

ETC Level: ALL LEVELS

Date: March 4, 2026 | 10:00 - 11:00 CET

Teaching is a core skill for radiology residents, especially when sharing knowledge with peers and students. This session highlights how residents can actively contribute to education using modern, interactive methods. From team-based learning to flipped classrooms and shared use of digital tools, we explore how technology can empower residents to become confident, creative educators.

Chairpersons' introduction (5 min)

How we learn: an overview of modern teaching approaches in radiology (10 min)

Apps, videos and coffee: co-learning with digital tools (10 min)

Team-based learning: how to implement and use in radiology (10 min)

Open forum discussion: Can residents really lead teaching? (25 min)

BS 2 - Pearls and pitfalls in cardiac imaging

Categories: Cardiac, Education, Evidence-Based Imaging, Imaging Methods
ETC Level: LEVEL I+II
Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

How to handle difficult patients in cardiac CT: calcifications, arrhythmias, and high heart rates (15 min)

1. To learn practical techniques for optimising cardiac CT image quality in challenging clinical scenarios. 2. To appreciate the role of advanced CT technology in managing calcifications and high heart rates. 3. To understand the impact of arrhythmias on image interpretation and how to effectively mitigate their effects.

How to handle artefacts in CMR (15 min)

1. To learn strategies for identifying and minimising common artefacts in cardiovascular magnetic resonance imaging.
2. To appreciate the importance of patient preparation and advanced imaging protocols.
3. To understand the technical methods available for reducing artefact-induced diagnostic errors.

Stent imaging: physiology or spatial resolution: what matters most? (15 min)

1. To identify the strengths and limitations of myocardial perfusion assessment for evaluating coronary stent patency.
2. To recognise advantages and challenges associated with recently introduced ultra-high-definition scanning modes in photon-counting CT (PCCT) for coronary stent imaging.
3. To establish optimal clinical decision-making criteria for selecting the appropriate imaging modality based on patient characteristics and specific stent types.

Panel discussion: Cardiac imaging in 2026: which challenges remain unsolved? (10 min)

E³ 226b - Application of photon-counting CT in paediatrics: need or nice to have?

Categories: Abdominal Viscera, Chest, Imaging Methods, Neuro, Paediatric

ETC Level: LEVEL II+III

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Paediatric lungs and congenital heart (15 min)

1. To understand specific indications to use a photon-counting detector CT instead of a normal CT in the paediatric chest.
2. To name which type of spectral data analysis may help in assessing the lungs.
3. To be able to discuss whether the use of FLASH and QHD is indicated.

Paediatric brain and spinal cord (15 min)

1. To understand specific indications to use a photon-counting detector CT instead of a normal CT in the paediatric neuraxis.
2. To name (potential future) applications of spectral data analysis.
3. To design a good temporal bone protocol.

Paediatric abdomen (15 min)

1. To understand specific indications to use a photon-counting detector CT instead of a normal CT in the paediatric abdomen.
2. To list (potential future) applications of spectral data analysis.
3. To take part in a discussion on the design of an ALARA protocol.

Panel discussion: Photon-counting CT: need or nice to have? (10 min)

E³ 226a - Cybersecurity in AI-driven radiology systems

Categories: Artificial Intelligence, Imaging Informatics
ETC Level: LEVEL II+III
Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Security threats posed by AI systems in radiology (15 min)

1. To identify the cybersecurity vulnerabilities in AI-powered radiology systems.
2. To describe how integrating AI tools into radiological workflows introduces new points of vulnerability.
3. To evaluate the real-world of compromised cybersecurity incidents and case studies.

Can large language models (LLMs) be a security threat? (15 min)

1. To recognise the unique risks that LLMs introduce to radiology systems.
2. To differentiate between traditional cybersecurity threats and those specifically associated with LLMs.
3. To explore the mitigation strategies against LLM-related breaches.

Generative AI: identifying threats and aligning risks to data (15 min)

1. To examine how generative AI models can generate misleading images or manipulate patient data.
2. To identify generative AI-related risks for regulatory and institutional environments.
3. To propose mitigation strategies and governance controls.

Panel discussion: Dissecting a cyberattack (10 min)

RC 213 - MR safety management in focus: preventing incidents, promoting excellence

Categories: EuroSafe Imaging/Radiation Protection, Imaging Methods, Medico-legal, Multidisciplinary, Physics in Medical Imaging, Radiographers

ETC Level: LEVEL I+II

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairpersons' introduction (5 min)

MRI: are current practices ensuring examinations are safer than ever? (15 min)

1. To refresh the understanding of the influence of key MRI system electromagnetic components, including static magnetic field magnet, gradient coils, and RF systems, on patients' and occupational safety.
2. To explore real-world MRI safety incidents worldwide to identify common causes and risk factors.
3. To explore recent advancements in MRI technology, safety good practices, and regulatory guidance that have enhanced patients' and occupational safety in clinical MRI environments.

Safety management of (active and passive) patient implants in MRI (15 min)

1. To differentiate between active and passive implants in the MRI environment, and to understand their respective safety implications, including risks related to heating, displacement, malfunction, and image artefacts.
2. To learn the importance of developing institution-specific protocols for managing implant-related MRI workflows.
3. To explore tools and best practices for implant safety management, such as implant registries, manufacturer documentation, electronic screening systems, and interdisciplinary communication protocols.

RF heat management (15 min)

1. To understand the biophysical mechanisms of RF-induced heating in MRI, including the role of specific absorption rate (SAR) and its interaction with patient anatomy, positioning, and tissue conductivity.
2. To identify key factors influencing RF heating risk, such as field strength, coil configuration, patient size, scan parameters, and the presence of conductive materials or implants.
3. To learn best practices and safety strategies to minimise RF heating effects, including protocol selections, pulse sequence adjustments, coil selection, etc.

Panel discussion: How to improve MR safety in a multidisciplinary environment? What are the roles of each occupational group in MR safety management? (10 min)

How 2 - How we peek, treat and repeat: the paediatric imaging beat

Categories: Emergency Imaging, GI Tract, Interventional Radiology, Musculoskeletal, Paediatric

ETC Level: LEVEL I+II

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (2 min)

How we assess pyloric stenosis (15 min)

1. To learn about the clinical presentation and role of ultrasound in diagnosis.
2. To know key sonographic measurements and diagnostic criteria.
3. To understand how to differentiate pyloric stenosis from other causes of vomiting in infants.

How we de-invaginate: non-surgical intussusception reduction (15 min)

1. To learn about the clinical background and indications for imaging-guided reduction.
2. To know which imaging modalities are used (ultrasound and fluoroscopic enema techniques).
3. To understand procedure steps, success criteria, and potential complications.

How we perform a hip ultrasound for dysplasia (15 min)

1. To identify the different methods, indications and management algorithms for hip dysplasia.
2. To know the key imaging criteria of the different methods for hip dysplasia.
3. To understand common errors in the diagnosis of hip dysplasia.

Open forum discussion (13 min)

RC 208 - Thyroid imaging: practice updates

Categories: Head and Neck, Interventional Oncologic Radiology, Interventional Radiology, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Thyroid cancer: imaging strategies and staging (15 min)

1. To understand the role of various imaging modalities (ultrasound, CT, MRI, nuclear medicine) in the diagnosis, staging, and risk stratification of thyroid cancer.
2. To learn the TNM staging system for thyroid cancer and how imaging findings correlate with tumour size, local invasion, lymph node involvement, and distant metastases.
3. To apply imaging-based criteria to guide clinical decision-making and postoperative management, including surveillance and treatment planning.

Thyroid nodules: evidence-based practice (15 min)

1. To review evidence-based guidelines and classifications for the initial evaluation and risk stratification of thyroid nodules using clinical assessment and ultrasound features.
2. To understand the criteria for selecting nodules for FNA based on ultrasound risk patterns and clinical context to optimise diagnostic accuracy and reduce unnecessary procedures.
3. To discuss management strategies for benign and indeterminate nodules, including surveillance protocols and indications for intervention.

How and when do I perform FNA and core biopsy of thyroid nodules: tricks and tips (15 min)

1. To learn the indications and timing for performing fine-needle aspiration (FNA) and core needle biopsy in the workup of thyroid nodules.
2. To understand technical aspects and best practices for ultrasound-guided biopsy procedures to maximise sample adequacy and minimise complications.
3. To develop skills for interpreting biopsy results and integrating cytologic and histologic findings into clinical management pathways.

Panel discussion: Integrating new thyroid imaging guidelines into practice: where to begin? (10 min)

CUBE 2 - No flow, no fear: advanced techniques for revascularisation

Categories: Education, Interventional Radiology, Vascular
ETC Level: LEVEL III
Date: March 4, 2026 | 10:30 - 11:00 CET

Chairperson's introduction (2 min)

The recanalisation rumble: two experts, one flow (28 min)

1. To learn step-by-step techniques and strategies for successful distal recanalisation in complex lower limb occlusions.
2. To appreciate how to adapt wire, catheter, and access techniques based on lesion type, anatomy, and clinical urgency.
3. To understand the risks, bailout strategies, and decision-making process through real-world cases and audience interaction.

EFRS 3 - The use of AI in research

Categories: Artificial Intelligence, Education, Radiographers, Research

Date: March 4, 2026 | 11:30 - 12:30 CET

This session examines the transformative role of Artificial Intelligence in radiography research and practice. Presentations will cover the application of AI in image data management and analysis, its impact on research communication and academic practice, and the editors' perspective on AI in research. Together, these talks will highlight opportunities, challenges, and ethical considerations, offering participants a comprehensive view of how AI is reshaping the research landscape.

Moderators:

Elona Dybeli; Elbasan / Albania

Malene Roland Pedersen; Vejle / Denmark

Chairperson's introduction (5 min)

Elona Dybeli; Elbasan / Albania

Malene Roland Pedersen; Vejle / Denmark

AI in image data management and analysis (12 min)

Christian Schneckenleitner; Vienna / Austria

1. Distinguish between valid and invalid uses of AI in data analysis (e.g. pattern recognition, image analysis, text mining).
2. Recognise and evaluate risks of bias and error introduced when AI models are used to generate or interpret data.
3. Reflect on and apply principles of transparency and reproducibility when integrating AI into research analysis.

AI in research communication and academic practice (12 min)

Karen Brage; Odense / Denmark

1. Use AI responsibly as a support tool in writing and presentation without compromising academic standards.
2. Differentiate between acceptable linguistic/structural support and unacceptable AI-generated text production.
3. Reflect on and apply appropriate practices for disclosing AI use in academic publications.

AI in research - the Editors perspective (12 min)

Jonathan Mcnulty; Dublin / Ireland

1. To be aware of the permitted use of AI in scientific research publications
2. To become familiar with the Radiography journal approach to AI use by researchers
3. To consider how AI will influence future research dissemination

Panel Discussion (19 min)

RC 301 - Spectral CT in abdominal imaging: clinical applications

Categories: Abdominal Viscera, Emergency Imaging, Imaging Methods, Oncologic Imaging

ETC Level: LEVEL II

Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (3 min)

Spectral CT principles: what every radiologist should know (15 min)

1. To understand the technical principles of multi-energy CT.
2. To review the different spectral imaging technologies currently available.
3. To summarise the different spectral imaging reconstructions and their potential use in clinical practice.

Added value in oncologic imaging: liver, pancreas, and beyond (15 min)

1. To demonstrate how spectral CT improves lesion detection and characterisation.
2. To highlight specific use cases in liver and pancreatic cancer.
3. To learn how iodine quantification and virtual non-contrast can enhance clinical decision-making.

Emergency abdomen: does spectral CT really change the game? (15 min)

1. To assess the benefits of spectral CT in bowel ischemia, bleeding, and trauma.
2. To discuss dose reduction and workflow optimisation in acute settings.
3. To review case examples where spectral CT influenced diagnosis or management.

Panel discussion: Should spectral CT become the standard of care? (12 min)

AR 3 - The rules of actionable reporting

Categories: Education, Evidence-Based Imaging, General Radiology, Medico-legal, Professional Issues

ETC Level: LEVEL I+II

Date: March 4, 2026 | 11:30 - 12:30 CET

The rules of actionable reporting (30 min)

1. To understand the essential components of what makes an actionable report.
2. To recall the evidence that underpins actionable reporting.
3. To explain why these principles are best expressed as rules.

Controversies in actionable report (30 min)

1. To learn the major controversial topics in actionable reporting via an interactive presentation.
2. To appreciate how nuances in reports can have major clinical impact.
3. To list the top five pitfalls in producing actionable reports.

RC 317 - When clots hit: spectrum of disease and imaging techniques

Categories: Emergency Imaging, General Radiology, Neuro, Vascular

ETC Level: LEVEL I+II

Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (2 min)

Ischaemic stroke: latest updates on imaging (12 min)

1. To review current imaging protocols for acute ischaemic stroke.
2. To interpret key imaging signs that influence eligibility for reperfusion therapies such as intravenous thrombolysis and mechanical thrombectomy.
3. To understand recent advancements and guideline updates in stroke imaging, including extended time windows and the use of advanced perfusion techniques for patient selection.

Pulmonary embolism and deep vein thrombosis: update on protocols and workflow (12 min)

1. To review current imaging protocols for diagnosing pulmonary embolism and deep vein thrombosis.
2. To understand workflow optimisations and decision-making algorithms for rapid triage and imaging of patients with suspected thromboembolic disease.
3. To recognise recent advances in diagnosing pulmonary embolism and deep vein thrombosis.

Abdominal venous clots: when to treat and how? (12 min)

1. To identify the clinical indications for treating abdominal venous clots, including thrombosis in the portal vein, mesenteric veins, and splenic veins.
2. To understand the imaging modalities used to diagnose abdominal venous thrombosis, such as CT, MRI, and ultrasound, and how to differentiate between acute and chronic thrombosis.
3. To evaluate treatment strategies for abdominal venous thrombosis, including anticoagulation therapy, thrombolysis, and intervention.

Cerebral venous and sinus thrombosis: a challenge when on call (12 min)

1. To recognise the clinical signs and symptoms of cerebral venous sinus thrombosis (CVST) and understand the differential diagnosis when evaluating a patient on call.
2. To understand the role of imaging, particularly MRI and MR venography (MRV), in diagnosing CVST, and differentiate it from other causes of intracranial pathologies.
3. To evaluate the management strategies for CVST, including the indications for anticoagulation, thrombolysis, the role of endovascular intervention, and when to involve a multidisciplinary team.

Panel discussion: Crucial clots that cannot be missed (10 min)

E³ 22A - The painful shoulder

Categories: General Radiology, Imaging Methods, Musculoskeletal, Radiographers

ETC Level: LEVEL II

Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (5 min)

MRI reporting: a systematic approach (25 min)

1. To understand the approach used in reporting and classifying MR imaging findings of the painful shoulder.
2. To review the normal anatomy of the rotator cuff, the long head of the biceps tendon, including the pulley system, as well as the cartilage and labrum.
3. To demonstrate differential diagnoses for degenerative and post-traumatic abnormalities of the rotator cuff.

Imaging of sports injuries (25 min)

1. To recognise the key imaging findings associated with post-traumatic shoulder instability.
2. To understand the mechanisms of injury that lead to superior labral injury in overhead athletes.
3. To identify the findings that are seen on imaging as a result of repetitive low-grade sporting trauma.

Panel discussion (5 min)

ESR eHealth 3 - Improving the patient experience with IT

Categories: Artificial Intelligence, Imaging Informatics, Management/Leadership, Medico-legal, Professional Issues

ETC Level: LEVEL III

Date: March 4, 2026 | 11:30 - 12:30 CET

The session aims to discuss how modern IT tools can improve patient experience in the radiology department, from scheduling, distribution of examination-related information before the appointment and consent. Additionally, it will discuss the impact of artificial intelligence on telemedicine applications and the usage of large-language models to generate summaries or more patient-friendly versions of radiological reports.

Chairperson's introduction (5 min)

The patient's perspective: improving digital literacy (15 min)

Exam preparation with GenAI (15 min)

The role of AI literacy: evolving the patient-physician relationship (15 min)

Panel discussion: Are we taking enough care of our patients? (10 min)

RC 307 - Imaging of male and female chronic pelvic pain

Categories: Education, Genitourinary, Imaging Methods, Research
ETC Level: LEVEL II+III
Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (2 min)

Pelvic congestion syndrome and varicocele (12 min)

1. To understand indications for imaging in patients with suspected pelvic congestion syndrome and varicocele.
2. To choose the appropriate imaging modalities based on the clinical scenario.
3. To learn about interventional therapeutic options for vascular pelvic pain.

Chronic pelvic inflammatory disorders (PID) (12 min)

1. To learn about the most frequent causes of chronic PID.
2. To understand imaging findings of chronic PID.
3. To learn how imaging can guide diagnosis and management.

Imaging of pelvic adhesions and post-surgical complications: diagnostic challenges (12 min)

1. To identify imaging features of pelvic adhesions and post-surgical complications.
2. To recognise imaging features of urinary leaks and complications from pelvic floor slings.
3. To learn how imaging strategies can address therapeutic challenges in post-operative pelvic assessment.

Dynamic ultrasound in chronic pelvic pain: evaluating pelvic floor static disorders (12 min)

1. To understand the role of dynamic ultrasound in assessing pelvic floor disorders.
2. To recognise key ultrasound findings in static pelvic floor abnormalities.
3. To learn to select appropriate ultrasound techniques for evaluating chronic pelvic pain.

Panel discussion: Challenges and consensus in chronic pelvic pain (10 min)

OF 3R - Impact of culture and diversity in radiography

Categories: Professional Issues, Radiographers
Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (5 min)

Radiographers' competencies and perspectives about culture diversity and its impact on practice (12 min)

1. To recognise the importance of cultural competence in delivering person-centred radiographic care.
2. To explore radiographers' perspectives on diversity and how these influence communication and clinical interactions.
3. To identify strategies to enhance cultural awareness and sensitivity within radiography teams.

Patient culture and diversity: how to manage it (12 min)

1. To understand how cultural beliefs and values influence patient expectations and healthcare experiences.
2. To develop communication strategies to effectively navigate cultural differences in clinical settings.
3. To promote inclusive practices by recognising the importance of self-awareness and communication in managing cultural diversity in clinical settings.

Effect of workplace culture on patient care (12 min)

1. To understand how workplace culture influences radiographers' attitudes, behaviours, and interactions with patients.
2. To identify the link between positive, inclusive, supportive work environments and the quality of patient care delivered.
3. To explore strategies to foster a positive workplace culture that promotes safety, empathy, and patient-centred care.

Open forum discussion (19 min)

ESR DAET 3 - Getting up to speed: emerging technologies in cross-sectional imaging

Categories: Artificial Intelligence, General Radiology, Imaging Methods, Physics in Medical Imaging

ETC Level: LEVEL I+II

Date: March 4, 2026 | 11:30 - 12:30 CET

Review and illustration of the latest advancements in cross-sectional imaging. The session targets non-expert radiologists (or residents) who want to familiarise themselves with the latest technological innovations that are relevant for clinical practice.

Chairperson's introduction (3 min)

Photon-counting CT (19 min)

Deep learning in MR image reconstruction (19 min)

Long-axial field-of-view PET/CT and new tracers (19 min)

OF 3Y - Modern toolbox for publishing

Categories: Artificial Intelligence, Education, Professional Issues, Research, Students
ETC Level: ALL LEVELS
Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (5 min)

Use of AI tools in research (10 min)

1. To highlight some of the novel AI tools that can be used for organising one's research.
2. To illustrate how they can be used when preparing an academic paper.

Using large language models for editing your paper (10 min)

1. To discuss the benefits of using large language models such as ChatGPT for assistance in writing and editing academic papers.

Using social media for promotion and dissemination of your work (15 min)

1. To highlight the ways in which one can use social media to promote and share their work.
2. To warn of the potential dangers of public data sharing.

Open forum discussion: What are the biggest benefits and concerns of using AI and social media in your academic work? (20 min)

ETAP - Holistic resident education: learn from ETAP-approved centres

Categories: Education

ETC Level: LEVEL I+II

Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (2 min)

How did we implement change after ETAP? (10 min)

1. To briefly describe the process of obtaining certification.
2. To share experiences from the certification process at their centre.
3. To understand how the assessment has changed the way teaching and supervision for residents are provided.

How do we prepare our residents for EDiR? (10 min)

1. To briefly describe the EDiR examination structure.
2. To appreciate available educational resources for preparation and how they are used in their centre.
3. To understand how EDiR benefited residents in their training centre.

How did we develop and implement our resident teaching curriculum? (10 min)

1. To briefly describe how the centre developed a structured teaching curriculum.
2. To learn how to include novel teaching methods such as AI.
3. To understand how to balance practical and theoretical learning.

How do we provide supervision and mentorship? (10 min)

1. To learn about good clinical supervision in diagnostic and interventional radiology.
2. To appreciate the value of continuous feedback for residents.
3. To understand how mentorship and supervision enhance training in their centre.

How do we prepare residents for on-call/night shift? (10 min)

1. To learn how the centre teaches emergency radiology to its residents.
2. To appreciate how to assess competencies for independent practice.
3. To understand how to supervise best residents working overnight.

Panel discussion (8 min)

RC 312 - Bone marrow findings

Categories: Musculoskeletal, Paediatric
ETC Level: LEVEL II
Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (5 min)

Frequent and less frequent findings in healthy children (15 min)

1. To describe the normal pattern of bone marrow conversion in the maturing skeleton.
2. To list the most common sites of residual red bone marrow.
3. To name at least three sites of physiological/self-limiting bone marrow changes in healthy children.

Optimal protocol: how to increase specificity and when to use extra sequences? (15 min)

1. To describe the normal pattern of bone marrow conversion in the maturing skeleton.
2. To list the most common sites of residual red bone marrow.
3. To name at least three sites of physiological/self-limiting bone marrow changes in healthy children.

When to biopsy, when to follow, when to ignore (15 min)

1. To illustrate the bone marrow findings, which have no alarm features.
2. To list the red flags that require prompt biopsy.
3. To show examples of pathologies where MRI may play a decision-making role.

Panel discussion: How to improve differential diagnosis between variants and pathology? (10 min)

RC 302 - Challenging cases: how we do it

Categories: Breast, Imaging Methods
ETC Level: LEVEL II
Date: March 4, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (5 min)

Second-look ultrasound after abnormal contrast imaging: when and how? (15 min)

1. To recognise when second-look ultrasound is justified after abnormal findings on contrast-enhanced imaging.
2. To identify common challenges and pitfalls in correlating enhancing lesions with ultrasound targets.
3. To apply practical strategies to improve lesion detection and guide intervention.

Breast lesions of uncertain malignant potential (B3 lesions): current strategies in assessment and management (15 min)

1. To describe the most frequent subtypes of B3 lesions encountered in clinical practice.
2. To recognise the challenges in selecting between active surveillance, vacuum-assisted excision, and surgery.
3. To consider the potential role of contrast-enhanced techniques in decision-making for B3 lesions.

Panel discussion: When the guidelines end: navigating grey zones in breast imaging (10 min)

CUBE 3 - The patient behind the procedure: clinical management challenges in interventional radiology

Categories: Education, Interventional Radiology, Management/Leadership, Professional Issues

ETC Level: LEVEL II+III

Date: March 4, 2026 | 12:00 - 12:30 CET

Chairperson's introduction (3 min)

Pregnancy behind the shield: safety, culture and career in IR (9 min)

1. To learn about current evidence, safety thresholds, and best practices regarding radiation exposure during pregnancy for interventional radiologists.
2. To appreciate the importance of institutional policies, protective measures, and supportive workplace culture for pregnant IRs.
3. To understand pregnant interventionalists' personal, professional, and cultural challenges, and how the speciality can evolve to support them better.

Owning the outcome: how IRs can lead clinical pathways and long-term care (9 min)

1. To learn how interventional radiologists can actively contribute to pre- and post-procedural patient management across various clinical pathways.
2. To appreciate the value of structured follow-up, multidisciplinary collaboration, and longitudinal care in improving patient outcomes.
3. To understand how increased clinical visibility and continuity of care can strengthen the role of IR in modern healthcare systems.

The clinical grey zone: when guidelines don't have the answer (9 min)

1. To learn how to approach complex clinical decisions in interventional radiology when evidence is limited or guidelines are not definitive.
2. To appreciate the role of clinical judgment, multidisciplinary discussion, and patient-specific factors in navigating uncertainty.
3. To understand how real-life case examples can help develop critical thinking and ethical reasoning beyond protocol-driven care.

CUBE 4 - AI and radiation protection: a radiographer's perspective

Categories: Education, EuroSafe Imaging/Radiation Protection, Radiographers
Date: March 4, 2026 | 13:00 - 13:30 CET

Chairperson's introduction (2 min)

Can AI support radiographers in interventional radiology to maximise radiation protection? (28 min)

1. To learn about AI options for supporting radiation protection in interventional radiology.
2. To appreciate potential radiation dose savings from inclusion of AI within interventional radiology practices.
3. To understand how radiation protection in interventional radiology is likely to develop in the future.

HW Uc 4 - Chronic liver disease

Categories: Abdominal Viscera

ETC Level: LEVEL I+II

Date: March 4, 2026 | 13:00 - 14:30 CET

Introduction (15 min)

1. To learn how to perform shear wave elastography (SWE) of the liver.
2. To learn the US techniques to assess the liver for steatosis: attenuation imaging, ultrasound-derived fat fraction, hepatorenal index (ATI/UDFF/HRI).
3. To understand the physics behind these technologies.
4. To understand the clinical relevance of the parameters and indices generated.

Hands-on demonstration (75 min)

Demonstrators

Workshop assistant

E³ 419 - Can reporting and data Systems (RADS) improve bone assessment in clinical practice?

Categories: Musculoskeletal, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (5 min)

Bone-reporting and data systems (bone-RADS): what you should know (20 min)

1. To be aware of the spectrum of diseases that can affect the skeleton.
2. To learn about the bone tumour risk stratification and management system.
3. To appreciate the limitations of bone-RADS.

Metastasis-reporting and data systems for prostate cancer (MET-RADS-P): standardising whole body MRI assessment of bone metastases (20 min)

1. To understand the rationale for standardised assessment of prostate bone metastases in the PSMA era.
2. To learn about MET-RAD-P criteria for assessing bone metastases and response to therapy.
3. To appreciate the strengths and limitations of MET-RAD-P in real-world practice.

Myeloma response assessment and diagnosis systems (MY-RADS): standardising whole-body MRI assessment of multiple myeloma (20 min)

1. To learn about MY-RADS for standardised assessment of multiple myeloma.
2. To learn how to apply MY-RADS for treatment response evaluation.
3. To appreciate the challenges of applying MY-RADS for clinical evaluation.

Case-based panel discussion: Is there value in -reporting and data systems (RADS) for musculoskeletal radiology? (25 min)

E³ 423 - Urogenital

Categories: Genitourinary
ETC Level: LEVEL I+II
Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (6 min)

Renal and adrenal imaging (28 min)

1. To describe the classification of the renal masses.
2. To explain the imaging features of inflammatory disorders of the kidneys.
3. To describe the imaging features of benign and malignant tumours of the adrenal glands.

Imaging of the ureter and bladder (28 min)

1. To explain the imaging anatomy and variants of the ureter and bladder.
2. To explore the imaging features of obstructive uropathy in non-neoplastic disorders.
3. To describe the imaging features of tumours of the ureter and bladder.

Prostate imaging (28 min)

1. To describe the MRI anatomy of the prostate.
2. To describe the imaging features of benign prostatic disorders.
3. To explain the imaging features of prostate cancer using the prostate imaging reporting and data system (PIRADS).

NH 4b - European perspectives of lung cancer screening: more than a decade after NLST and NELSON

Categories: Chest, Education, Evidence-Based Imaging, Multidisciplinary, Oncologic Imaging

ETC Level: LEVEL III

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (6 min)

An update on European lung cancer screening: SOLACE and beyond (16 min)

1. To learn about the status quo and gaps of lung cancer screening in Europe.
2. To appreciate dedicated efforts to address women and hard-to-reach populations.
3. To understand the interfaces between surveillance of COPD, IPF, OLD patients and cancer survivors with lung cancer screening.

Optimising eligibility and screening intervals (16 min)

1. To understand the characteristics of individuals eligible for current lung cancer screening programmes in Europe.
2. To understand the importance of adapting screening intervals.
3. To discuss the rationale for screening or not screening individuals with no smoking history.

Additional findings in lung cancer screening: balancing burdens and possible benefits (16 min)

1. To understand the difference between individual and population-based screening.
2. To understand the impact of reporting additional findings.
3. To learn about the potential of a "lung and cardiac health check" using low-dose CT.

Training radiologists in lung cancer screening: ESTI perspective (16 min)

1. To learn about the necessity to train radiologists for lung cancer screening.
2. To appreciate the comprehensive approach of the ESTI lung cancer screening certificate.
3. To understand the requirements for training other disciplines along the lung cancer screening pathway.

Panel discussion: Challenges for Europe-wide implementation of lung cancer screening. How to make it accessible, affordable and successful (20 min)

PA 4 - Generational differences in communicating/receiving news about errors

Categories: Education, General Radiology, Management/Leadership, Professional Issues, Students

ETC Level: LEVEL I+II

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairpersons' introduction (5 min)

Tailoring communication: why radiologists must adapt their approach for different age groups (15 min)

1. To understand how personal background (such as education, age, sex, and personal situation) influences how people respond to the same information.
2. To understand generational differences in expectations and communication.
3. To learn how to experiment with and implement personalised communication styles.

Considerations when providing information to different generational groups on their imaging procedures (15 min)

1. To learn how the perception of healthcare varies among different generations.
2. To appreciate the diverse ways to meet communication needs and how to support them effectively.
3. To understand the significant role AI will play in the future of healthcare.

Patient trust in young radiologists: examining perceptions of credibility (15 min)

1. To understand how perceptions of age and experience influence patient trust towards radiologists.
2. To appreciate young radiologists' communication challenges when discussing diagnostic uncertainties or errors with patients.
3. To learn effective strategies that young radiologists can adopt to strengthen credibility and improve patient trust across generational groups.

Considerations when providing information to different generational groups on errors and uncertainties (15 min)

1. To consider generational differences and their impact on receiving information.
2. To recognise that patients may not fully appreciate the uncertainties associated with radiology.
3. To explore approaches to discussing errors and uncertainties with patients.

Panel discussion: How can we adjust our approaches so that age is not a barrier to good communication? (25 min)

OF 4R - The future of neuroimaging: innovations every radiographer should know

Categories: Contrast Media, Neuro, Radiographers
Date: March 4, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (5 min)

What's next: emerging clinical needs in neuroimaging (10 min)

1. To identify emerging clinical demands in neuroimaging, evolving diagnostic challenges and patient care priorities.
2. To describe how technological innovations (e.g., AI, techniques, functional imaging) are addressing these new clinical needs.
3. To reflect on the evolving role of radiographers in adapting to future neuroimaging practices, emphasising continuous learning and interdisciplinary collaboration.

Quantitative brain imaging: where are we now? (10 min)

1. To understand the current landscape of quantitative brain imaging key modalities and measurable biomarkers.
2. To recognise the clinical value of quantitative data in supporting diagnosis, monitoring disease progression, and guiding treatment.
3. To identify the radiographer’s role in acquiring, processing, and imaging data analysis, and how this role is evolving with technology.

Pushing the limits of MRI for brain imaging (10 min)

1. To understand the latest technological advancements in MRI that enhance brain imaging resolution and capabilities.
2. To identify the emerging neuroimaging techniques and innovations that are shaping the future of brain diagnostics.
3. To recognise the clinical implications and potential impacts of these innovations on patient care and radiographer practice.

Time is brain: technology empowered by expertise in interventional neuroradiology (10 min)

1. To understand the need for specialised training of radiographers in interventional neuroradiology.
2. To identify innovations in neurointerventional imaging in the angio suite.
3. To apply effective radiation protection measures for patients and staff.

Open forum discussion (15 min)

NH 4a - Does body composition matter? Radiological perspectives

Categories: Artificial Intelligence, Imaging Methods, Multidisciplinary, Musculoskeletal, Translational Imaging

ETC Level: LEVEL III

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (3 min)

How does body composition affect patients' quality of life and survival? (20 min)

1. To learn how body composition data can be derived from retrospective and prospective scans in a radiology department.
2. To appreciate the representability of body composition parameters such as skeletal muscle area (SMA), subcutaneous adipose tissue area (SAT), and visceral adipose tissue area (VAT) for quality of life and survival.
3. To understand how body composition affects quality of life and survival in cancer and non-cancer patients.

Imaging of body composition: where are we now? (20 min)

1. To learn how imaging can assess body composition.
2. To become familiar with different imaging techniques in the analysis of body composition.
3. To appreciate the pivotal role of imaging in body composition assessment in clinical practice today, with future perspectives.

Managament of fragility fractures: the role of the interventional radiologist (20 min)

1. To learn the current role of image-guided interventions in treating fragility fractures.
2. To appreciate patients' benefits from early intervention and management.
3. To understand current guidelines in the UK, Europe and the USA and how to implement them in day-to-day practice.

Should we address body composition in our multidisciplinary meetings? (20 min)

1. To learn how body composition metrics could enhance patient stratification and treatment planning in MDTs.
2. To appreciate the potential of AI-driven imaging for integrating body composition analysis into MDT workflows.
3. To understand how incorporating body composition data in MDTs can support shared decision-making and personalised care.

Panel discussion: The importance of body composition in our routine practice (7 min)

ESR Undergraduate 4 - How artificial intelligence (AI) can help you learn: smarter study tools for future radiologists

Categories: Artificial Intelligence, Education
ETC Level: LEVEL I
Date: March 4, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (5 min)

Radiomics and AI made simple: the basics you really need to know (16 min)

1. To review the basic concepts of radiomics and AI in medical imaging, including how they work and why they matter.
2. To appreciate how AI and radiomics can help doctors better detect, diagnose, and monitor diseases using imaging.
3. To understand the advantages and limitations of using AI in radiology, including what it can and cannot do, and the challenges of using it safely and effectively.

Become a research detective: how to spot good (and bad) AI studies (16 min)

1. To review the key parts of an AI research study in radiology, including how studies are designed and what makes them trustworthy.
2. To appreciate the importance of asking critical questions when reading AI studies, such as: Was the study fair? Was the data reliable? Can the results be used in real life?
3. To understand the advantages and limitations of using AI research in clinical decision-making, and why not all studies are ready to change how we practice medicine.

AI in the classroom: new ways to learn radiology faster and better (16 min)

1. To review the different ways AI is being used to support radiology education, including tools that help with image interpretation and interactive learning.
2. To appreciate the indications of when and how AI-based learning tools can be helpful in building radiology knowledge and skills more efficiently.
3. To understand the advantages and limitations of using AI in medical education, including how it can help personalise learning, and why human guidance is still essential.

Panel discussion: AI in radiology: hype, help, or here to stay? (7 min)

SF 4 - How to cope when war or disaster hits your own department

Categories: Audit, Education, Emergency Imaging, Imaging Informatics, Management/Leadership

ETC Level: LEVEL II+III

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (2 min)

Challenges for the radiology department in mass casualties: how to train and simulate for the worst-case scenario? (15 min)

1. To understand how triage and prioritisation of patients is different for a mass casualty situation than in everyday practice.
2. To anticipate and plan for some of the challenges that can occur in mass casualty settings.
3. To take part in a mini-simulation of a mass casualty using audience voting.

When an earthquake hits your own radiology department (15 min)

1. To learn about the challenges the radiology department faces during an earthquake.
2. To become familiar with the rapid organisational strategies employed by radiology departments following an earthquake.
3. To understand the opportunities and drawbacks arising from technological issues in disaster management.

When war hits your own radiology department (15 min)

1. To illustrate major threats a radiology department may encounter during a war.
2. To review strategies for keeping a stable workflow in response to war challenges.
3. To identify common pathologies related to combat and mass casualty trauma.

Floodings: what do you do when your technology is not working anymore? (15 min)

1. To be familiar with the flooding-related damage to the technological infrastructure of radiology departments.
2. To understand the preventive actions taken by radiology departments to mitigate flooding-related damage.
3. To appreciate the restoration process of equipment and technological infrastructure after flooding.

What do you do when your department is hacked? (15 min)

1. To learn about some examples where radiology departments or entire hospitals were hacked.
2. To understand the most common cybersecurity threats hospitals face.
3. To discuss potential strategies for prevention and reaction to cybersecurity incidents.

Panel discussion: Is a disaster preparedness team required for the radiology department? How should this team work? How to prepare for the future? (13 min)

IF 4 - Art for the masses: AI democratising image-based screening

Categories: Artificial Intelligence, Breast, Chest, Emergency Imaging, General Radiology, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 4, 2026 | 13:00 - 14:30 CET

Access to preventive healthcare services – just like art – should not be limited to privileged groups but ideally be widespread and available to enhance everybody's life. This is especially true for radiological screening methods with scientifically proven benefits to patient's lives. This session explores how AI could help make screening and preventive medicine more accessible while maintaining high quality in the face of expected staff shortages. The current use of AI in clinical screening scenarios is also discussed.

Chairperson's introduction (5 min)

Supercharging breast cancer screening: role of AI for current and upcoming screening modalities (20 min)

Lung screening for the masses: efficient use of AI for lung cancer management and beyond (20 min)

Pushing the envelope: how to effectively implement AI for early detection of prostate cancer (20 min)

Panel discussion: How can AI be used to enhance and expand image-based screening? (25 min)

EIBIR 4 - Novel approaches for trustworthy artificial intelligence (AI) in cancer diagnostics and treatment

Categories: Artificial Intelligence, Breast, Research

ETC Level: LEVEL I+II

Date: March 4, 2026 | 13:00 - 14:30 CET

Chairperson's introduction (5 min)

Developing a validated AI-based decision-making support system for breast cancer (20 min)

1. To learn about the latest research in the International Clinical Validation of Radiomics Artificial Intelligence for Breast Cancer Treatment Planning (RadioVal) project.
2. To explore the application of the Fairness, Universality, Traceability, Usability, Robustness and Explainability (FUTURE)-AI guidelines in developing trustworthy AI tools for breast cancer imaging.
3. To investigate advancements in AI traceability and explainability to enhance clinical decision support.
4. To assess current strategies for validating AI systems in breast cancer diagnosis to ensure reliability and clinical effectiveness.

Learning without sharing. AI collaboration without data exchange through swarm learning (20 min)

1. To learn about the latest research in the Open Consortium for Decentralized Medical Artificial Intelligence (ODELIA) project.
2. To understand the concept of swarm learning and how it enables collaborative AI training without data sharing for MRI-based breast cancer screening as a demonstration case.
3. To learn how the ODELIA project paves the way for broader adoption of swarm learning in medical AI and beyond.
4. To recognise the benefits of swarm learning in healthcare innovation to accelerate AI development, enhance diagnostic performance, and foster generalisable solutions.

Expanding data availability for development and validation of AI tools in breast cancer screening and diagnoses (15 min)

1. To learn about the latest research in the Pan-European Breast Image Platform for Advanced AI-based Breast Cancer Screening (BreastSCan) project.
2. To understand how BreastSCan aligns with EU health data initiatives and Europe's Beating Cancer Plan, fostering real-world AI integration in clinical practice.
3. To appreciate the impact of cross-border data sharing on advancing cancer diagnostics across Europe to reduce mortality, improve life quality, and advance AI literacy among healthcare professionals and citizens.
4. To learn how the large-scale, harmonised BreastSCan dataset combining multimodality breast images and clinical data will support the AI tool development for breast cancer screening and diagnosis.
5. To discuss the priority of future roles of AI tools beyond image quality assessment, breast density classification or lesion detection/characterisation, i.e. personalised breast cancer risk stratification.

Accelerating trustworthy AI deployment in cancer diagnostics (15 min)

1. To learn about the latest research in the Community of Multidisciplinary Professionals Advancing Safe and Successful AI Implementation in Clinical Practice (COMPASS-AI) project.
2. To recognise the challenges in deploying AI in clinical practice.
3. To learn about the multidisciplinary community of experts for AI implementation.
4. To understand the proposed framework for AI deployment guidelines.

Discussion (15 min)

How 4 - How we image the cranial nerves: a step-by-step approach

Categories: Emergency Imaging, Head and Neck, Neuro, Oncologic Imaging
ETC Level: LEVEL I+II
Date: March 4, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (2 min)

Imaging modalities and techniques (15 min)

1. To learn which high-resolution MRI sequences and planes are best suited for cranial nerve visualisation.
2. To recognise CT indications and limitations for cranial nerve assessment.
3. To understand the role of contrast enhancement and advanced imaging techniques, e.g., diffusion and tractography.

Cranial Nerves I-VI: what you need to know, nerve by nerve (15 min)

1. To learn how to identify the normal course and imaging appearance of cranial nerves I–VI.
2. To understand key pathologies and how to avoid common errors using a case-based approach.

Cranial Nerves VII-XII: what you need to know, nerve by nerve (15 min)

1. To learn how to identify the normal course and imaging appearance of cranial nerves I–VI.
2. To understand key pathologies and how to avoid common errors using a case-based approach.

Open forum discussion (13 min)

E³ 418 - Primary liver tumours

Categories: Abdominal Viscera, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 13:00 - 14:30 CET

The aim of the session is to understand the importance of radiologic-pathologic correlation in benign liver tumours and to be aware of the importance of radiologic-pathologic correlation in malignant primary liver tumours.

Chairperson's introduction (5 min)

Benign liver tumours (35 min)

Malignant primary liver tumours (35 min)

Challenging case presentation by the moderator and discussed by the tandems (15 min)

E³ 421 - Frailty: how to recognise and manage it

Categories: General Radiology, Multidisciplinary, Sustainability
ETC Level: LEVEL I+II
Date: March 4, 2026 | 13:00 - 14:30 CET

Frailty: assessment and prevention of progression (45 min)
1. To assess the incidence, relevance and potential evolution of frailty.

Frailty and sustainability (45 min)
1. To evaluate the financial impact of the management of frail subjects.

EFRS 4 - Shaping Care, Shaping Futures: The Power of Advancing Practice in Radiography

Categories: Education, Imaging Methods, Oncologic Imagin, Professional Issues, Radiographers

Date: March 4, 2026 | 14:00 - 15:00 CET

This session introduces the concept of Advancing Practice and its application across the radiography profession. Participants will gain an understanding of the requirements for safe implementation, both for the patient and the practitioner, and will explore real-world examples of Advanced Practice in Radiotherapy, Radiology, and Nuclear Medicine. The session will provide practical insights into how advanced roles can be developed and embedded to support professional growth and enhance patient care.

Moderator:

Ricardo Khine; Reading / United Kingdom

Chairperson's introduction (5 min)

Ricardo Khine; Reading / United Kingdom

Shaping Care, Shaping Futures: The Power of Advancing Practice in Radiography (40 min)

Melanie Clarkson; Sheffield / United Kingdom

James Harcus; Bradford / United Kingdom

1. Explain the concept of “Advancing Practice” and its application in practice
2. Understand the requirements for safe implementation of the patient and the practitioner.
3. Describe real-world examples of Advanced Practice across different radiography areas of practice (Radiotherapy, Radiology, Nuclear Medicine)

Panel Discussion (15 min)

CUBE 5 - It is bleeding! Call the IR?

Categories: Emergency Imaging, GI Tract, Interventional Radiology
ETC Level: LEVEL II+III
Date: March 4, 2026 | 14:00 - 14:30 CET
This session aims to provide an overview of how interventional radiology can treat GI or trauma bleeding.

Chairperson's introduction (6 min)

Upper GI bleeding (8 min)

Lower GI bleeding (8 min)

HW Uc 5 - Chronic liver disease

Categories: Abdominal Viscera

ETC Level: LEVEL I+II

Date: March 4, 2026 | 15:00 - 16:30 CET

Introduction (15 min)

1. To learn how to perform shear wave elastography (SWE) of the liver.
2. To learn the US techniques to assess the liver for steatosis: attenuation imaging, ultrasound-derived fat fraction, hepatorenal index (ATI/UDFF/HRI).
3. To understand the physics behind these technologies.
4. To understand the clinical relevance of the parameters and indices generated.

Hands-on demonstration (75 min)

Demonstrators

Workshop assistant

RC 512 - Paediatric neuroradiology emergencies

Categories: Emergency Imaging, Neuro, Paediatric
ETC Level: LEVEL II
Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (5 min)

Paediatric stroke (15 min)

1. To discuss the imaging features of paediatric 'acute brain attacks', and when stroke should be considered.
2. To describe and understand the differences in adult and paediatric stroke.
3. To discuss imaging protocols and the potential role of advanced imaging techniques and their pitfalls.

Paediatric CNS infections (15 min)

1. To learn about the different types and pathways of infections.
2. To describe typical and atypical imaging features of CNS infections.
3. To review the imaging protocol for assessment of CNS infections.

Paediatric head trauma (15 min)

1. To illustrate the head trauma mechanisms in children.
2. To list the signs of accidental versus non-accidental trauma.
3. To discuss the imaging protocols in paediatric head trauma.

Panel discussion: How can imaging guide clinical management? Is CT always the first choice? (10 min)

EDiR 5 - EDiR exam preparation: time management, study strategy and study resources

Categories: Education
ETC Level: LEVEL II
Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (5 min)

Time management (15 min)

1. To learn how to create a structured and achievable study plan.
2. To explore effective time management techniques.
3. To understand the techniques to help candidates balance their study schedule.

Study strategies (15 min)

1. To learn how to approach different questions and prioritise critical information.
2. To appreciate the importance of effective study techniques.
3. To understand the actionable tips and strategies to enhance their performance.

Study resources (15 min)

1. To learn how to tackle the strategies for answering the different components of the EDiR exam.
2. To appreciate the most valuable resources for studying.
3. To understand the essential tools for reinforcing knowledge and refining clinical skills.

Panel discussion (10 min)

TC 527 - Imaging in prostate cancer diagnosis

Categories: Genitourinary, Oncologic Imaging
ETC Level: LEVEL III
Date: March 4, 2026 | 15:00 - 16:00 CET

Chairpersons' introduction (4 min)

The session aims to discuss the evolution of the diagnostic pathway and role of MRI in improving the detection and localisation of life-threatening prostate cancer according to PI-RADS v2.
1. It will describe the assessment of advanced localised prostate cancer with drawbacks in the current T-staging. The attendees will learn about the implications of standardised reporting and the subsequent impact on patient management.

PI-RADS 2.1 and beyond (14 min)

T-staging: perspectives on diagnosis and treatment planning (14 min)

Standardised reporting: role in patient management (14 min)

Interactive case-vignettes (14 min)

E³ 20A - Diagnostic approach to mediastinal lesions

Categories: Chest

ETC Level: LEVEL I+II

Date: March 4, 2026 | 15:00 - 16:00 CET

This interactive session, based on clinical cases, will help master the diagnostic approach to mediastinal masses with a compartmental approach: prevascular, visceral, and paravertebral. The analysis of attenuation features, particularly the presence of fat, along with clinical data such as symptoms and characteristics of individuals, helps to best approach the different aetiologies and propose a management strategy.

Chairperson's introduction (5 min)

Case-based diagnostic approach to mediastinal masses (45 min)

Panel discussion: When and how to perform an MRI in the evaluation of mediastinal masses? (10 min)

RC 510 - Peripheral nerve imaging

Categories: Imaging Methods, Musculoskeletal

ETC Level: LEVEL II+III

Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (5 min)

MR-neurography (15 min)

1. To discuss the protocol for MR-neurography.
2. To identify the advantages and disadvantages of MR neurography and tractography.
3. To describe the main findings detectable with this technique.

When ultrasound is enough (15 min)

1. To address how ultrasound of nerves must be performed.
2. To define when it is sufficient or not.
3. To describe the main findings detectable with this technique.

Denervation syndromes (15 min)

1. To define denervation syndromes.
2. To address the role of imaging.
3. To describe the main findings at imaging.

Panel discussion: Is MR-neurography feasible for clinical routine? (10 min)

Meets 5b - Future development for radiographers: a Swiss perspective

Categories: Artificial Intelligence, Professional Issues, Radiographers
Date: March 4, 2026 | 15:00 - 16:00 CET

Introduction (5 min)

Introduction: radiographers in Switzerland (5 min)

1. To provide an overview of the “EFRS meets Switzerland” session and highlight on Swiss radiographer’s role in the current healthcare system.
2. To present the regional diversity and the future perspectives of radiographers in Switzerland.

Role extension and advanced practice for radiographers in Switzerland: what is the current situation? (15 min)

1. To promote the role evolution of radiographers.
2. To present new opportunities for radiographers in Switzerland.

Radiographer’s role in AI implementation in clinical practice (15 min)

1. To highlight the important role of radiographers in implementing AI tools.
2. To provide an overview of the key steps for the successful clinical implementation of AI tools in clinical practice.

Radiographers and MRI regulations in Switzerland: what is next? (15 min)

1. To provide an overview of the current legal framework for radiographers in MRI.
2. To emphasise the critical role of radiographers in patient care and safety in MRI.

Panel discussion (5 min)

OF 5R - Artificial intelligence (AI) and person-centred care: how to combine them?

Categories: Artificial Intelligence, Education, Radiographers, Research
Date: March 4, 2026 | 15:00 - 16:00 CET

Chairpersons' introduction (5 min)

Artificial Intelligence research driven by radiographers as users (10 min)

1. To position radiographers as key stakeholders in AI development.
2. To explore opportunities for user-led research and innovation.
3. To address challenges in bridging clinical practice and AI research.

Improving person-centred care through effective use of AI (10 min)

1. To bridge AI capabilities with human-centred values.
2. To showcase practical applications that enhance personalisation.
3. To promote ethical and inclusive AI integration.

AI-enhanced communication skills for radiographers: strengthening the human interaction (10 min)

1. To recognise the dual role of AI and human empathy in radiographic practice, and how both can coexist to enhance patient care.
2. To apply communication strategies that integrate AI tools while maintaining a person-centred approach during imaging sessions.
3. To reflect on ethical and professional responsibilities when using AI in patient interactions, ensuring trust, transparency, and compassion remain central.

AI-dedicated to patients for communication skills training (10 min)

1. To learn how AI can be applied to enhance communication skills training for patients to support person-centred care.
2. To recognise the ethical and practical considerations when integrating AI into patient communication training.
3. To evaluate real-world examples where AI-supported communication tools have been used in patient care.

Open forum discussion (15 min)

RC 501 - Abbreviated MRI protocols in the abdomen

Categories: Abdominal Viscera, GI Tract, Sustainability

ETC Level: LEVEL II+III

Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (3 min)

Abbreviated MRI of the pancreas: fast but accurate? (15 min)

1. To define key sequences needed for pancreatic lesion detection and staging.
2. To evaluate the role of abbreviated MRI for pancreatic cysts and high-risk screening.
3. To discuss diagnostic performance versus full protocols and practical limitations.

Abbreviated liver MRI: a game changer for surveillance (15 min)

1. To review current protocols for abbreviated liver MRI in hepatocellular carcinoma screening.
2. To understand the impact of contrast agents and timing on lesion detectability.
3. To assess diagnostic accuracy and cost-effectiveness in cirrhotic populations.

Abbreviated MRI for the GI tract: where do we stand? (15 min)

1. To explore abbreviated protocols for Crohn’s disease, rectal cancer, and pelvic floor disorders.
2. To identify essential sequences that maintain diagnostic value.
3. To evaluate patient comfort, scan time, and workflow advantages.

Panel discussion: Abbreviated MRI: can less be more? (12 min)

OF 5Y - Meet the Young Clubs: connecting Europe's rising radiologists

Categories: Education, Management/Leadership, Research, Students

ETC Level: ALL LEVELS

Date: March 4, 2026 | 15:00 - 16:00 CET

National and subspecialty "young clubs" are growing fast across Europe, but what do they actually do, and how can they work together? In this session, representatives from several initiatives present their mission, achievements, and future goals. Attendees will gain insight into how these networks support education, advocacy, and community-building for the next generation of radiologists.

Chairpersons' introduction (5 min)

Polish Young Club: from local events to international voice (10 min)

German Young Club (Forum Junge Radiologie): from mentoring to teaching platform (10 min)

ESNR Rising Star Programme: training the next neuro leaders (10 min)

ESSR Young Club: building bridges in musculoskeletal radiology (10 min)

Open forum discussion: What's next for Europe's young radiologists? (15 min)

Meets 5a - RSNA and ACR AI initiatives: perspectives and insights

Categories: Artificial Intelligence, Education, Imaging Informatics, Management/Leadership, Research

ETC Level: LEVEL II+III

Date: March 4, 2026 | 15:00 - 16:00 CET

Chairpersons' introduction (5 min)

Research and education in AI: RSNA initiatives (10 min)

1. To identify the use of data science challenges and medical imaging resources in furthering AI development in our speciality.
2. To create programs to educate radiologists in AI.
3. To apply the use of the CLAIM guidelines in standardising the reporting of AI science.

Implementation of AI tools: a U.S. radiology department chair’s perspective (10 min)

1. To identify operational and financial considerations for selecting AI solutions.
2. To describe factors that affect the implementation of AI in academic practice.
3. To define the various clinical, organisational and educational applications of AI in academic radiology.

The U.S.’s first national post-deployment AI monitoring program in radiology: learning from the ACR experience (10 min)

1. To understand the importance of having a governance structure for your AI portfolio.
2. To detail the ACR Recognition for Health Care (ARCH) AI program.
3. To detail what the ACR has learned from its experience with its post-deployment AI monitoring approach (Assess-Ai registry).

Inside the healthcare AI arena: ACR's insights on generative AI for radiology (10 min)

1. To describe the ACR experience of using generative AI in operating a post-deployment monitoring system.
2. To review healthcare AI challenges: experience and insights from crowdsourced testing of generative AI models on common radiology tasks.
3. To detail the use of generative AI in nonclinical and clinical tasks.

Panel discussion: What can we learn from U.S. societal efforts to employ AI in radiology? (15 min)

RC 511 - Cost vs field strength in MRI

Categories: General Radiology, Imaging Methods, Neuro, Physics in Medical Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (2 min)

Low-field MRI: clinical scenarios, technical insights, and economic value in modern imaging (12 min)

1. To identify clinical scenarios where low-field MRI provides sufficient diagnostic accuracy.
2. To understand the technical limitations and advantages of low-field systems.
3. To evaluate cost-effectiveness and accessibility in the context of low-field MRI.

When do we really benefit from having a high-field clinical MR system (5T)? (12 min)

1. To understand the specific clinical and research applications where 5T and 7T MRI provide added diagnostic value over conventional field strengths.
2. To identify anatomical regions and pathologies that particularly benefit from the higher resolution and contrast of ultra-high-field MRI.
3. To evaluate the practical limitations, costs, and implementation challenges associated with high-field MR systems in clinical settings.

Acceleration methods in MRI (12 min)

1. To review the principles and implementation of acceleration techniques such as parallel imaging (SENSE, GRAPPA) and compressed sensing in clinical MRI.
2. To evaluate the impact of acceleration methods on image quality, signal-to-noise ratio, and artefact generation across different MRI sequences.
3. To understand the role of AI-based reconstruction algorithms in pushing the limits of acquisition speed and workflow optimisation.

Portable MRI: lessons learned from the clinical point of view (12 min)

1. To understand what portable MRI can (and can't) do in real clinical scenarios.
2. To explore the advantages of bringing the scanner to the patient, especially in critical care or remote settings.
3. To learn from early experiences—what has worked, what hasn’t, and where portable MRI is heading next.

Panel discussion: How should we advance technically with MR? (10 min)

How 5 - How and what we learn from errors

Categories: Artificial Intelligence, Education, General Radiology, Professional Issues
ETC Level: LEVEL I+II
Date: March 4, 2026 | 15:00 - 16:00 CET

Chairperson's introduction (2 min)

Why do radiological "errors" happen? (14 min)

1. To explain what the concept of "radiological error" actually means.
2. To review common reasons for radiological discrepancy/error.
3. To learn some strategies to minimise errors.

Radiological errors: will AI make us perfect? (14 min)

1. To explain how AI may impact radiological discrepancies/errors.
2. To review new potential errors which could be introduced by AI.
3. To learn how to best use AI to improve our performance with respect to minimising error.

We made a mistake: how do we deal with the patient? (14 min)

1. To explain the medico-legal implications of directly communicating errors to patients.
2. To review the imperatives of clear patient communication in cases of error.
3. To learn how best to achieve mutually satisfactory communication with patients.

Open forum discussion: What is the impact of making an error on the radiologist and their future practice? (16 min)

How 6 - How and what we learn from challenging neuro and head and neck

Categories: Head and Neck, Multidisciplinary, Neuro

ETC Level: LEVEL I+II

Date: March 4, 2026 | 16:30 - 17:30 CET

This case-based session brings together expert radiologists from different subspecialties to share their most challenging and instructive cases. Each presenter will walk through real-world scenarios, highlighting diagnostic dilemmas, key decision points, and practical problem-solving strategies. The audience will gain valuable insights into how experts approach complex imaging findings, avoid common pitfalls, and apply lessons learned to daily practice. With a dynamic format and a touch of gamified learning, this session promises not only practical take-home pearls but also a fun teaching experience designed to inspire and engage the current and next generation of radiologists.

Chairperson's introduction (2 min)

Case presentations (50 min)

Open forum questions and answers (8 min)

RC 610 - Muscle imaging

Categories: Education, Imaging Methods, Musculoskeletal

ETC Level: LEVEL II+III

Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Grading muscle injury (15 min)

1. To characterise sports muscle injuries.
2. To present the contemporary imaging classifications used for sports-related muscle injuries.
3. To appreciate the clinical significance of grading muscle injuries.

Myositis and myopathy (15 min)

1. To list the more frequent inflammatory and hereditary myopathies with their clinical characteristics.
2. To identify some specific MRI patterns associated with individual phenotypes and MRI limitations.
3. To integrate functional and quantitative MRI techniques with a potential role in evaluating the myopathies.

Muscle tumours and pseudotumours (15 min)

1. To discuss the imaging semiology of tumours and tumour-like conditions of the muscles.
2. To discuss how to differentiate benign from malignant muscle tumours.
3. To summarise the diagnostic strategy.

Panel discussion: What is the ideal imaging algorithm for muscle disorders? (10 min)

EFOMP - The clinical needs, physics and technology of trauma imaging

Categories: Emergency Imaging, EuroSafe Imaging/Radiation Protection, Musculoskeletal, Physics in Medical Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 16:30 - 17:30 CET

Chairpersons' introduction (5 min)

Bows and arrows, technical equipment requirements for trauma imaging (10 min)

1. To understand the range of equipment to deliver the clinical need.
2. To understand the specification, procurement needs and installation, environmental cyber requirements for such equipment.
3. To discuss the challenges in implementing trauma needs in a clinical department.

Delivering care where needed: point of care solutions for imaging the trauma patient (10 min)

1. To understand field-based solutions and challenges for point-of-care imaging.
2. To understand the available CBCT, O-arm, skeletal survey systems, and low-field MRI for point-of-care imaging.
3. To look toward future development in field-based imaging.

Dosimetry, radiation protection and MRI safety in trauma scenarios (10 min)

1. To learn about challenges in radiation protection and patient safety in trauma imaging.
2. To learn about solutions and future directions.
3. To become familiar with how close they are to clinical implementation.

Panel discussion: Is your hospital ready for major trauma events? (15 min)

Black Swan events: emergent comprehensive imaging of the major trauma patient (10 min)

1. To learn the current imaging and clinical needs of the major trauma patients.
2. To understand the clinical objectives and difficulties in imaging such patients.
3. To understand what technological solutions have an impact on these challenges.

TC 627 - Prostate cancer: developments on quality control and artificial intelligence

Categories: Artificial Intelligence, Genitourinary, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 4, 2026 | 16:30 - 17:30 CET

The session discusses the importance of quality control and assurance measures in maintaining the accuracy and reliability of prostate MRI within diagnostic centres, including the role of radiologists and frontline staff in ensuring adherence to best practices. It reviews the criteria, standards, and procedures required for prostate cancer MRI centre designation, and outlines the framework with key learnings from the ACR Prostate MRI Quality Improvement Collaborative. The attendees will learn about developments in artificial intelligence (AI) for prostate cancer imaging and detection, and applications of AI methods to increase efficiency and improve accuracy.

Chairpersons' introduction (4 min)

Mastering excellence: elevating prostate MRI standards (14 min)

Quality control and artificial intelligence (14 min)

AI-driven diagnostic tools: a new toy or the next level? (14 min)

Panel discussion (14 min)

E³ 22B - Non-injured, painful, and swollen knee

Categories: General Radiology, Imaging Methods, Musculoskeletal, Radiographers
ETC Level: LEVEL II
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Imaging approach in adults (15 min)

1. To learn the appropriate imaging modality for different clinical scenarios is essential in ensuring accurate diagnosis and efficient patient care.
2. To appreciate the strengths and limitations of each imaging technique helps in selecting the most suitable test for a given patient presentation.
3. To understand the indications, contraindications, and potential risks of imaging studies is critical for safe and effective clinical decision-making in adult patients.

Imaging the painful postoperative knee (15 min)

1. To list conditions whereby the postoperative knee may display painful swelling.
2. To explain how to make the best use of available imaging modalities to diagnose the underlying condition in a postoperatively swollen knee.
3. To describe imaging findings in a postoperative painful, swollen knee.

Imaging approach in children (15 min)

1. To discuss the variety of causes of pain and knee joint swelling in children, with emphasis on do-not-miss diagnoses.
2. To understand meticulous techniques and limitations when investigating non-traumatic abnormalities of the paediatric knee.
3. To appreciate that a lack of a history of trauma does not exclude a post-traumatic condition in children.

Panel discussion (10 min)

RC 615 - The diagnosis and therapy of vascular lesions

Categories: General Radiology, Interventional Radiology, Neuro, Paediatric, Vascular

ETC Level: LEVEL II+III

Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Imaging-based classification of vascular tumours (15 min)

1. To describe the different types of vascular tumours.
2. To discuss different imaging modalities.
3. To highlight the key findings in imaging.

Imaging-based classification of vascular malformations in the brain and beyond (15 min)

1. To describe the different types of vascular malformations.
2. To discuss different imaging modalities.
3. To highlight the key findings in imaging.

Interventional radiology in vascular malformations: therapeutic strategies and outcomes (15 min)

1. To highlight relevant findings for treatment planning.
2. To discuss the different treatment options.
3. To understand the relevance of follow-up imaging and re-treatment for outcome optimisation.

Q&A (10 min)

RC 600b - Cardiac amyloidosis imaging

Categories: Cardiac, Hybrid Imaging, Molecular Imaging, Nuclear Medicine
ETC Level: LEVEL III
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairpersons' introduction (5 min)

Epidemiology, diagnosis, and therapy of amyloidosis: the clinical perspective (15 min)

1. To describe the systemic amyloidosis disease spectrum.
2. To summarise the treatment approaches in amyloidosis.
3. To discuss the challenges in diagnosis and patient management.

The role of magnetic resonance in the diagnosis of cardiac amyloidosis (15 min)

1. To describe the major cardiac magnetic resonance anomalies encountered in patients with cardiac amyloidosis.
2. To distinguish between the two main types of cardiac amyloidosis (amyloid light chain [AL] and transthyretin [ATTR]).
3. To understand the role of cardiac MR in the follow-up of patients.

The role of nuclear medicine in amyloidosis (15 min)

1. To describe which radiopharmaceuticals are used for ATTR cardiac amyloidosis.
2. To examine and grade bone-avid tracer scans.
3. To differentiate ATTR from AL in suspected cardiac amyloidosis.

Panel discussion: The imaging algorithm for cardiac amyloidosis: what, when and why (10 min)

ISRRT - Radiographers make MRI safe

Categories: Radiographers
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairpersons' introduction (3 min)

The European MR safety landscape and the role of radiographers (25 min)

1. To learn the standards and practices that are implemented in Europe in order to minimise the risks during MRI procedures.
2. To appreciate the importance of creating a safety culture in the MRI department using the appropriate standards and practices.
3. To understand the role of radiographers in establishing and maintaining best practices that promote MRI safety.

MR safety in a global perspective (25 min)

1. To learn about current international guidelines, best practices, and common challenges in magnetic resonance (MR) safety across different regions.
2. To appreciate the importance of global collaboration and harmonisation in advancing MR safety standards and training.
3. To understand the roles of radiographers, technologists, and regulatory bodies in promoting a culture of MR safety in diverse healthcare settings worldwide.

Panel discussion: What strategies can be employed to achieve global harmonisation of MRI safety standards, ensuring enhanced protection for patients and accompanying staff? (7 min)

OF 6R - Extended roles in radiography

Categories: Nuclear Medicine, Professional Issues, Radiographers
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Radiopharmacy in nuclear medicine (10 min)

1. To understand the fundamentals of radiopharmacy practice and its role in nuclear medicine.
2. To recognise the expanding role of radiographers in radiopharmacy.
3. To evaluate the impact of radiopharmacy on patient care and diagnostic accuracy to improve diagnostic outcomes and support personalised treatment planning.

Image-guided radiotherapy (10 min)

1. To understand the principles and benefits of Image-Guided Radiotherapy (IGRT).
2. To identify the evolving role of radiographers in IGRT workflows.
3. To recognise how IGRT enhances precision and patient outcomes in radiotherapy.

Ultrasound in care (10 min)

1. To understand the clinical value of Point-of-Care Ultrasound (POCUS) in care facility settings.
2. To explore the expanding role of radiographers in delivering ultrasound services outside traditional hospital environments.
3. To recognise the impact of bedside ultrasound on patient management, diagnosis, and care efficiency.

Open forum discussion (15 min)

RC 604 - Lung cancer diagnosis and staging: pearls and pitfalls from the multidisciplinary team

Categories: Chest, Oncologic Imaging
ETC Level: LEVEL I
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction: update on the TNM 9 staging system (4 min)

Mimics of lung cancer (14 min)

1. To review the lung cancer mimickers: clues for diagnosis.

Difficult lesions to stage: T stage (14 min)

1. To present challenging situations when staging lung cancer.

Pitfalls in nodal staging: N stage (14 min)

1. To review the role of imaging in nodal staging.
2. To describe the strengths and limitations of imaging in nodal staging of lung cancer.

Metastases or not: M stage (14 min)

1. To describe the diagnostic management of suspicious metastatic disease in lung cancer.
2. To review diagnostic pitfalls of metastatic disease.

OF 6Y - Game on: navigating the EDiR CORE case resolution, win a spot for an EDiR simulation and webinar (part 1)

Categories: Education, Professional Issues, Students
ETC Level: LEVEL II
Date: March 4, 2026 | 16:30 - 17:00 CET

Chairpersons' introduction (5 min)

Let the games begin (20 min)

1. To scan and interpret two cases of breast radiology and possible outcomes based on the attendees' decisions.
2. To get to know and team up with peers from all over the world to help as many patients as possible.
3. To solve the quiz to win an EDiR Simulation and Webinar. Please note that there can only be one winner per session.

Pooling of conclusions and perceptions (5 min)

RC 600a - State-of-the-art imaging of oesophageal cancer

Categories: GI Tract, Hybrid Imaging, Oncologic Imaging
ETC Level: LEVEL II
Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (3 min)

Imaging for diagnosis and staging of oesophageal cancer (15 min)

1. To review the typical imaging findings of oesophageal cancer with available imaging modalities.
2. To compare different imaging modalities in the diagnosis, staging, and management of oesophageal cancer.
3. To illustrate how imaging contributes to multidisciplinary decision-making and treatment planning.

Assessing treatment response: imaging during and after neoadjuvant therapy (15 min)

1. To review imaging protocols during modern neoadjuvant chemoradiotherapy.
2. To review the challenges in distinguishing a viable tumour from post-treatment changes.
3. To discuss the role of PET-MRI and radiomics.

Postoperative imaging: complications and surveillance (15 min)

1. To review normal postoperative anatomy and expected findings after esophagectomy.
2. To illustrate early and late complications associated with oesophageal cancer surgery.
3. To discuss imaging strategies for recurrence detection and long-term follow-up.

Panel discussion: How to navigate the medical decision-making as a radiologist (12 min)

MR 6 - MR and passive implants

Categories: Education, Evidence-Based Imaging, Management/Leadership

ETC Level: LEVEL II

Date: March 4, 2026 | 16:30 - 17:30 CET

Chairpersons' introduction (5 min)

MR conditional passive implants: how to fulfil the conditional requests for a safe MR exam (15 min)

1. To understand what it means when an implant or device is labelled "conditional".
2. To learn typical conditions of MR conditional implants, which may include limits on field strength, field spatial gradient, gradient strength, gradient slew rate, specific absorption rate, and B1+rms.
3. To get familiar with how to follow certain strict restrictions that a device/implant that contains magnetic, conductive or RF-reactive components is safe for use in the MRI environment.

MR in the presence of metal implants: which sequences to use and how to read the images (15 min)

1. To understand the influence of passive implants on different MRI sequences, focusing on metal implants.
2. To understand the choice of MRI sequences to be used in the presence of metal implants, including different types of metal artefact-reducing MRI sequences.
3. To understand the value of metal artefacts by reducing MRI sequences from several case examples, focused on musculoskeletal and spine imaging.

A radiographer's perspective (15 min)

1. To understand the current landscape of quantitative brain imaging, key modalities, and measurable biomarkers.
2. To recognise the clinical value of quantitative data in supporting diagnosis, monitoring disease progression, and guiding treatment.
3. To identify the radiographer's role in acquiring, processing, and imaging data analysis, and how this role is evolving with technology.

Panel discussion: How do we create a culture to feel safe dealing with passive implants? (10 min)

EIBIR 6 - Assistive technologies for interventional radiologists: enhancing decision-making and streamlining workflow with innovations and AI-powered solutions

Categories: Artificial Intelligence, Interventional Oncologic Radiology, Interventional Radiology, Research

ETC Level: LEVEL I+II

Date: March 4, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Empowering interventional radiologists with AI-powed assistive technologies: the Smart Human-centred Effortless support for Professional clinical Applications (SHERPA) project (15 min)

1. To learn about the goals and scope of the SHERPA project.
2. To appreciate the significance of AI-powered assistive technologies in interventional radiology.
3. To understand how these technologies can enhance efficiency and work performance in clinical practice.

How to evaluate the impact of assistive technologies in interventional radiology (15 min)

1. To gain insight into the potential benefits and challenges of integrating assistive technologies into interventional radiology.
2. To learn about the clinical studies and methodologies used in SHERPA to evaluate the impact of assistive technologies.
3. To develop a comprehensive framework for evaluating assistive technologies in healthcare.

Enhancing precision and efficiency in clinical practice in IR (15 min)

1. To learn about the clinical validation of assistive tools for IR in SHERPA.
2. To appreciate the improvements in clinical outcomes and workflow efficiency.
3. To understand the practical applications of AI-powered guidance in everyday clinical practice.

Panel discussion: What is the future of the IR workflow with the integration of assistive technologies? (10 min)

MR 7 - Going towards high and low fields: maintaining MR

Categories: Education, Evidence-Based Imaging, Management/Leadership

ETC Level: LEVEL II

Date: March 5, 2026 | 08:00 - 09:30 CET

Chairpersons' introduction (5 min)

What are the benefits of high- and ultrahigh-field MRI: 1.5T vs 3T and beyond (20 min)

1. To learn about important guidelines for MR safety.
2. To identify safety risks associated with MR examinations.
3. To understand the necessary roles to maintain MR safety for patients and staff.

Lower MR fields: safety benefits, technical trade-offs, and biomedical impact (20 min)

1. To understand how low-field MRI can improve patient safety in emergency and resource-limited settings, especially for patients with implants or unstable conditions. 2. To explore the reduced infrastructural and operational risks associated with low-field and portable MRI systems. 3. To appreciate how protocol adaptation at lower field strengths can mitigate limitations in image quality while maintaining diagnostic confidence.

How to manage patients with cardiac implanted electronic devices in MRI: the basics (20 min)

1. To learn what cardiac electronic implanted devices (CIEDs) are and the relevant safety concerns regarding MRI scanning.
2. To appreciate how to minimise risk and maximise benefit when planning MRI scans in patients with CIEDs.
3. To understand the importance of teamwork across disciplines, both within radiology and with allied professionals, when performing MRI in patients with CIEDs.

Managing exposure to physical agents: patient and staff safety issues (15 min)

1. To learn about the different types of physical agents (static magnetic fields, gradient fields, and radiofrequency energy) involved in MRI environments, and how their impact varies across different magnetic field strengths.
2. To appreciate the health and safety implications for both patients and staff when exposed to these agents, recognising the importance of risk assessment, monitoring, and regulatory compliance.
3. To understand the strategies and best practices used to manage and minimise exposure.

Panel discussion: Will low- and high-field MRI scanners change radiology? (10 min)

SF 7b - Exploring testicular diseases

Categories: Emergency Imaging, Genitourinary, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 5, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (4 min)

Inflammatory conditions (19 min)

1. To explain the role of ultrasound and colour flow Doppler in the diagnosis and management of epididymitis and differential diagnosis for epididymitis.
2. To evaluate the role of high-resolution grayscale ultrasound in assessing orchitis and epididymitis, distinguishing normal from pathological findings.
3. To describe the sonographic and clinical features of Fournier's gangrene, recognising early imaging markers for timely intervention.

Scrotal trauma (19 min)

1. To identify the traumatic involvement of the several contents of the scrotum, including testis, epididymis, tunica vaginalis, spermatic cord, and scrotal wall.
2. To be able to recognise the US signs, which should prompt rapid surgery.
3. To be aware of potential misdiagnosis: scrotal tumours, infarcts, or other rare presentations of acute scrotum pathologies falsely attributed to trauma.

Testicular masses (19 min)

1. To become familiar with the concept of the small (impalpable) testicular mass and the problems it may cause.
2. To become familiar with the US techniques available to assist in solving these problems.
3. To develop strategies for your practice using multiparametric US and MRI in the diagnosis/categorisation of intratesticular masses.

Challenging cases (19 min)

1. To learn the appropriate use of imaging methods and diagnostic algorithms in challenging cases of testicular diseases.
2. To identify the radiological clues for challenging conditions of a variety of radiological presentations of testicular diseases.
3. To understand how to use the clinical and laboratory findings for radiological differential diagnosis of testicular diseases.

Panel discussion: Different clinical scenarios: which recommendations should we give regarding the time of imaging and radiology reporting? (10 min)

MD 7 - The knee, meniscal root and ramp lesions: new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: General Radiology, Imaging Methods, Multidisciplinary, Musculoskeletal, Research
ETC Level: ALL LEVELS
Date: March 5, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the treatment of the knee, meniscal root and ramp lesions.
2. To critically review recent developments in imaging and put this in perspective with the treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

Meniscal root lesions: the orthopaedic surgeon's perspective (6 min)

Ramp lesions: the orthopaedic surgeon's perspective (6 min)

Imaging meniscal root and ramp lesions: the radiologist's perspective (6 min)

Expert panel discussion (40 min)

E³ 721 - PI-RADS after 12-year application

Categories: Genitourinary, Imaging Methods, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 5, 2026 | 08:00 - 09:30 CET

Prostate imaging: reporting and data system (PI-RADS): consolidated concepts and the need for update (45 min)
1. To review the most important concepts using PI-RADS scores.

Prostate imaging: quality (PI-QUAL): what have we learnt so far? (45 min)
1. To assess the potential help of quality scores.

ESR Education 7 - Implementing Entrustable Professional Activities (EPAs) in residency training: challenges and opportunities

Categories: Education, Professional Issues

ETC Level: LEVEL I+II

Date: March 5, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Understanding EPAs: purpose, implementation, impact (15 min)

1. To emphasise the importance of feedback in the evaluation of residents.
2. To outline what EPAs are and their integration within the radiology education.

National level integration of EPAs (15 min)

1. To describe the process of developing EPAs tailored to radiology.
2. To share experiences from the development of national EPAs.
3. To identify key components in developing EPAs.

Applying EPAs in everyday clinical practice (15 min)

1. To offer insights into the practical aspects of integrating EPAs into radiology training.
2. To explore challenges and obstacles encountered while integrating EPAs.
3. To showcase the use of an app for evaluating EPAs in daily practice.

The resident's experience (15 min)

1. To underline the value of feedback for residents.
2. To provide personal reflections on how EPAs influence radiology training.

Panel discussion: What will the future bring? (25 min)

BS 7a - How to write a clear and effective radiology report in musculoskeletal traumatic lesions

Categories: Imaging Methods

ETC Level: LEVEL I+II

Date: March 5, 2026 | 08:00 - 09:00 CET

The aim of this session is to write a clear and effective radiology report on musculoskeletal traumatic lesions. The report should concisely describe imaging findings, highlight key injuries, and provide a structured impression to guide clinical management.

Chairperson's introduction (5 min)

Reporting on shoulder traumatic lesions (15 min)

Reporting on knee traumatic lesions (15 min)

Reporting on ankle traumatic lesions (15 min)

Case-based discussion (10 min)

IF 7 - AI in radiology communication: expressionism or dadaism?

Categories: Artificial Intelligence, General Radiology, Imaging Informatics, Management/Leadership, Professional Issues

ETC Level: ALL LEVELS

Date: March 5, 2026 | 08:00 - 09:30 CET

For centuries, radiologists have composed the radiology report from their subjective assessment of a patient's image data. While many argue that some literary freedoms should be kept and radiologists should be allowed to express themselves through their texts, others argue that a more formal and structured approach should be used. This session explores how AI could help to mediate and build bridges between these opposing views and what the current status is regarding AI in radiology communication.

Chairperson's introduction (5 min)

From speech to text: how AI supports reporting (20 min)

From text to understanding: how AI makes reports understandable (20 min)

From understanding to emotion: how AI assists in patient communication (20 min)

Panel discussion: Will AI add additional value to radiological reports? (25 min)

EU 7 - CT lung cancer screening vs individual health assessment: examples and first experiences in Europe

Categories: Chest, EuroSafe Imaging/Radiation Protection, Management/Leadership, Medico-legal
ETC Level: LEVEL III
Date: March 5, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Overview of WHO CT-IHA framework for good governance document (20 min)

Case study, CT-for lung cancer screening in Croatia: experience from the ongoing programme (15 min)
1. To describe the organisational concept of the ongoing lung cancer screening programme in Croatia. 2. To learn management strategies for patients with positive screening results, as well as follow-up intervals based on LDCT findings. 3. To show the first results of the lung cancer screening programme in Croatia.

Differences and similarities of population screening and IHA (15 min)

Situation in Europe (15 min)

Discussion (20 min)

MS 7 - Headache: from symptom to diagnosis

Categories: Emergency Imaging, Head and Neck, Neuro

ETC Level: LEVEL II+III

Date: March 5, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Headache from the perspective of a neurologist: when and why neuroimaging? (20 min)

1. To review common and uncommon causes of headache.
2. To understand the most common clinical issues.
3. To understand when and why neuroimaging should be performed.

Neuroimaging in headache part I: headache forms with imaging abnormalities (20 min)

1. To discuss indications for imaging: CT or MRI? With or without contrast? 2. To review imaging findings in intracranial hypertension. 3. To review imaging findings in intracranial hypotension. 4. To discuss various other cerebral imaging findings associated with headaches.

Neuroimaging in headache part II: findings outside the brain associated with headache (20 min)

1. To review imaging findings of neurovascular compression syndromes, notably trigeminal neuralgia.
2. To review imaging findings of the temporomandibular joint and nasal cavities that may cause headaches.
3. To discuss imaging findings of the cervical spine that may cause headaches.

Case-based panel discussion (25 min)

SF 7a - Staging of breast cancer

Categories: Breast, Nuclear Medicine, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 5, 2026 | 08:00 - 09:30 CET

Chairperson's introduction (5 min)

Local staging: how and when? (13 min)

1. To explain the importance of breast cancer stagingin determining prognosis and guiding treatment decisions.
2. To differentiate between the various types of staging, including clinical, pathological, and imaging-based staging.
3. To understand the current guideline-based recommendationsfor imaging and staging work-up in newly diagnosed breast cancer.

Imaging for metastasis: modality and patient selection (13 min)

1. To discuss indications for performing staging for breast cancer metastasis to allow early detection to ensure optimal patient outcomes.
2. To describe and evaluate current standard imaging techniques utilised in the staging of breast cancer metastasis, discussing strengths and limitations of these established modalities in clinical practice.
3. To explore novel and emerging imaging techniques and modalities for detecting metastatic breast cancer.

PET: novel tracers and role of PET/MRI (13 min)

1. To understand the principle of a one-stop-shop approach using PET-MRI (including a diagnostic breast MRI) in breast cancer patients.
2. To describe the current shortcomings of 18F-FDG PET in breast cancer patients.
3. To name the novel PET tracers considered for clinical implementation in breast cancer patients.

Whole-body MRI in breast imaging: is it useful? (13 min)

1. To highlight the limitations of traditional imaging in detecting bone deposits and understanding their therapeutic implications.
2. To know about protocols and common indications for WB-MRI use, focusing on staging assessments.
3. To address ongoing challenges and unanswered questions about the perceived effectiveness of WB-MRI in staging.

Utilising large language models to improve comprehension of breast imaging reports (10 min)

1. To evaluate the performance of large language models (like ChatGPT and Gemini in improving the readability of actionable breast imaging reports (ie BIRADS 3, 4 and 5).
2. To evaluate the accuracy of LLM-generated layperson reports.
3. To compare the performance of ChatGPT and Gemini.

Dream and reality: a patient perspective (13 min)

1. To indicate the expectations and understanding of using staging examinations from a patient's perspective.
2. To realise the fears and releases patients experience during their treatment path.

Panel discussion: Staging and monitoring of patients: how can we add value? (10 min)

RC 711 - Post-operative and post-treatment brain and spine: imaging essentials for the radiologist

Categories: Neuro, Oncologic Imaging, Vascular

ETC Level: LEVEL II+III

Date: March 5, 2026 | 08:15 - 09:15 CET

Chairperson's introduction (2 min)

Post-operative spine: what to report as normal and abnormal (12 min)

1. To learn to distinguish expected postoperative spine changes from findings that require further evaluation.
2. To understand the indications for different imaging modalities and how to choose the most appropriate protocol for each postoperative scenario.
3. To understand how to tailor your report to provide clear, clinically relevant information for the treating team.

Tips and tricks in the follow-up of post-operative brain tumours (12 min)

1. To understand which imaging modalities and protocols are most useful at different stages of postoperative follow-up.
2. To develop a structured approach for evaluating follow-up scans after brain tumour surgery.
3. To learn to navigate the challenges of distinguishing true tumour progression from post-treatment imaging changes and their mimics.

What to expect in a post-operative pituitary examination (12 min)

1. To learn what to assess in postoperative pituitary imaging systematically, which findings must not be missed, and why.
2. To understand how to distinguish expected changes from relevant abnormalities that may impact patient care.
3. To develop a focused reporting approach highlighting what truly matters for endocrinological and surgical follow-up.

What do we look for after stroke treatment (12 min)

1. To become familiar with key imaging findings in the early phase after stroke treatment and understand which modality to use, when, and why.
2. To learn to interpret post-treatment studies focusing on clinically relevant information that guides prognosis and therapeutic decisions.
3. To identify subtle or urgent findings that require timely communication and may directly influence patient management.

Q&A (10 min)

How 7 - My practical tricks: how I ensure clinically relevant cardiac MRI in challenging patients

Categories: Cardiac, Emergency Imaging, Imaging Methods

ETC Level: ALL LEVELS

Date: March 5, 2026 | 08:15 - 09:15 CET

Chairperson's introduction (2 min)

Coronary artery disease: don’t stress, unless you really have to (15 min)

1. To explain, step by step, the acquisition protocols for stress and non-stress cardiac MRI in patients with coronary artery disease, with an emphasis on the practical difficulties that may be encountered.
2. To review the indications for stress and non-stress cardiac MRI in coronary patients, and the diagnostic information that MRI can provide.
3. To learn how to analyse and report stress and non-stress cardiac MRI, and how to avoid the most common pitfalls.

Cardiomyopathies: when cardiac MRI flexes its muscles (15 min)

1. To explain the cardiac MRI acquisition protocol and how to adapt it in the presence of arrhythmia, poor breath-holding capacity, or patients unable to remain in the MRI scanner for extended periods.
2. To become familiar with the different types of cardiomyopathies and the use of T1 and T2 mapping, as well as gadolinium enhancement, in their assessment.
3. To learn how cardiac MRI can support the clinical management of patients with cardiomyopathies.

Congenital heart disease and valvular disorder: cardiac MRI is right on the flow (15 min)

1. To explain the principles of flow imaging acquisition, highlighting the respective advantages of 2D and 4D flow MRI.
2. To learn how to recognise flow artefacts and accurately analyse and interpret flow images.
3. To understand the clinical utility of cardiac MRI in managing congenital heart disease and valvular disorders.

Open forum discussion (13 min)

EFRS 7 - Training and practice of Image-Guided Radiotherapy (IGRT): results of the EFRS RT Committee-led research

Categories: Education, Oncologic Imaging, Professional Issues, Radiographers

Date: March 5, 2026 | 08:30 - 09:30 CET

This session will explore the diverse approaches to training in Image-Guided Radiotherapy (IGRT) used worldwide, highlighting the main modes of training currently in practice. Participants will engage in a discussion of the advantages and disadvantages of different educational tools, while also examining the variations in IGRT practice across Europe. The session aims to provide insights into how training strategies can be optimised to support safe, effective, and harmonised IGRT practice.

Moderator:

Jose Guilherme Couto; Msida / Malta

Chairpersons Introduction (5 min)

Jose Guilherme Couto; Msida / Malta

Training and practice of Image-Guided Radiotherapy (IGRT): results of the EFRS RT Committee-led research (45 min)

Anastasia Sarchosoglou; Athens / Greece

Ricardo Khine; Reading / United Kingdom

1. Identify the main modes of training of IGRT used worldwide
2. Discuss the advantages and disadvantages of different education tools
3. Discuss the variations in IGRT practice across Europe

Final remarks (10 min)

RC 717 - Genital emergencies, a rapid refresher rally

Categories: Emergency Imaging, General Radiology, GI Tract, Vascular

ETC Level: LEVEL II

Date: March 5, 2026 | 08:30 - 09:30 CET

Chairperson's introduction (2 min)

Ovarian torsion: twists and turns in pelvic pain (8 min)

1. To identify key imaging findings of ovarian torsion across ultrasound, CT, and MRI modalities to enhance diagnostic accuracy.
2. To differentiate ovarian torsion from other causes of acute pelvic pain, such as ectopic pregnancy, pelvic inflammatory disease, and ruptured ovarian cysts, using imaging features and clinical context.
3. To review imaging-based decision-making pathways to guide timely surgical management and improve patient outcomes.

Pelvic inflammatory disease and tubo-ovarian abscess: imaging clues and complications (8 min)

1. To analyse the spectrum of imaging findings in pelvic inflammatory disease (PID) and tubo-ovarian abscess (TOA) using ultrasound, CT, and MRI.
2. To distinguish imaging features that differentiate complicated PID and TOA from mimickers such as malignancy or endometriosis.
3. To evaluate imaging-driven management strategies and identify potential complications requiring urgent intervention.

Ectopic pregnancy: imaging in a life-threatening emergency (8 min)

1. To identify typical and atypical imaging features of ectopic pregnancy using ultrasound, CT, and MRI.
2. To recognise key imaging findings that help differentiate ectopic pregnancy from other pelvic emergencies.
3. To understand the role of imaging in guiding urgent management and improving patient outcomes.

Postpartum and post-cesarean emergencies (8 min)

1. To recognise the spectrum of imaging findings in common postpartum and post-cesarean complications.
2. To differentiate regular postoperative changes from pathological conditions using ultrasound, CT, and MRI.
3. To guide clinical management by identifying imaging signs of life-threatening postpartum emergencies, such as haemorrhage, infection, and uterine rupture.

Acute scrotum: testicular torsion and beyond (8 min)

1. To identify the critical imaging features of testicular torsion and other causes of acute scrotal pain using ultrasound and Doppler evaluation.
2. To differentiate between surgical and non-surgical causes of acute scrotum based on imaging findings.
3. To recognise imaging pitfalls and atypical presentations that can delay diagnosis and impact patient outcomes.

Penile trauma and other emergencies of the penis (8 min)

1. To describe the imaging features of common penile emergencies, including fracture, priapism, and vascular injuries.
2. To differentiate between true penile fracture and other causes of penile trauma using ultrasound and MRI.
3. To understand the role o

Q&A (10 min)

BS 7b - How to grow your career

Categories: Education, Management/Leadership, Professional Issues, Radiographers

Date: March 5, 2026 | 08:30 - 09:30 CET

This session explores practical strategies for radiographers to grow their careers in an evolving healthcare landscape. From effective self-promotion in job applications to leveraging networking opportunities and diverse career pathways, attendees will gain valuable insights for professional advancement. The session will also highlight the importance of continuous development and advocating for the radiography profession within the broader society.

Chairperson's introduction (5 min)

How to promote yourself for a job application (10 min)

Networking and different pathways (10 min)

Continuous professional development (10 min)

Promotion of the radiography profession in the society (10 min)

Panel discussion: Making a brighter future for radiographers (15 min)

Meets 7 - Problem-solving with AI in emergencies: the French experience

Categories: Abdominal Viscera, Artificial Intelligence, Chest, Emergency Imaging, Neuro

ETC Level: LEVEL II+III

Date: March 5, 2026 | 08:30 - 09:30 CET

The aim of this session is to discuss the role of AI in improving image acquisition, reconstruction process, and overall image quality in emergency imaging and to demonstrate its role in emergency reporting and decision-making. Examples from thoracic, abdominal, and neuroradiological emergencies will be presented. Based on the French experience, models for integrating AI into daily practice will be shared, and participants will understand how AI can improve emergency investigations.

Chairpersons' introduction (5 min)

AI and thoracic emergencies (12 min)

AI and abdominal emergencies (12 min)

AI and neuroradiology emergencies (12 min)

Implementing AI in routine emergency radiology: from proof of concept to real life (12 min)

Conclusions (7 min)

OF 7Y - How to use generative AI for academic, clinical, and administrative tasks

Categories: Artificial Intelligence, Education, Imaging Informatics, Professional Issues, Research

ETC Level: ALL LEVELS

Date: March 5, 2026 | 08:30 - 09:30 CET

Large Language Models (LLMs) like ChatGPT are becoming powerful tools in daily radiology practice - not just for reporting, but also for research, education, and workflow optimisation. This session brings together clinicians, educators, and a journal editor to share how they use LLMs, what the current limitations are, and what the future might hold. Come for the tips, stay for the debate.

Chairpersons' introduction (5 min)

From reports to emails: how I use LLMs in clinical routine (10 min)

Smart assistant: teaching and writing with generative AI (10 min)

What editors really think: generative AI in scientific publishing (10 min)

Open forum discussion: Will LLMs revolutionise radiology or just create more noise? (25 min)

RC 710 - When sport hurts

Categories: Evidence-Based Imaging, Musculoskeletal
ETC Level: LEVEL II
Date: March 5, 2026 | 08:30 - 09:30 CET

Chairperson's introduction (5 min)

Tennis: watch out for your wrist (15 min)

1. To discuss the main mechanisms of injury.
2. To address the role of different imaging techniques.
3. To describe the crucial findings of wrist injuries occurring while playing tennis.

The ankle of the football player (15 min)

1. To describe the crucial anatomical structures of the ankle that can be injured while playing football.
2. To address the main mechanisms of injuries.
3. To identify the main findings with different techniques.

Hang on your finger: injuries of the climbers (15 min)

1. To revise the anatomy of the fingers.
2. To describe the role of various imaging techniques.
3. To recognise the injuries at imaging.

Panel discussion: How the radiologist helps the athlete (10 min)

CUBE 7 - Embolisation material (plugs, coils, liquids)

Categories: General Radiology, Imaging Methods, Interventional Radiology, Vascular

ETC Level: LEVEL I+II

Date: March 5, 2026 | 09:00 - 09:30 CET

Chairperson's introduction (2 min)

Basics about different embolisation materials (28 min)

1. To understand the technical principles of different embolisation materials, including plugs, coils, glue, and EVOH-based agents.
2. To evaluate each material's respective risks, benefits, and limitations.
3. To recognise clinical situations where a specific embolic material is most appropriate.

MD 8a - Hepatocellular carcinoma (HCC): new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: Abdominal Viscera, Multidisciplinary, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 5, 2026 | 09:30 - 10:45 CET

Welcome and introduction to connAction (15 min)

Chairperson's introduction (2 min)

1. To highlight new developments in the diagnosis and treatment of hepatocellular carcinoma.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

The hepatologist's perspective (8 min)

The surgeon's perspective (8 min)

The radiologist's perspective (8 min)

Expert panel discussion (34 min)

EFRS 8 - Research funding

Categories: Education, Radiographers, Research

Date: March 5, 2026 | 10:00 - 11:00 CET

This session focuses on practical strategies to strengthen research funding opportunities in radiography and related fields. Participants will learn how to build international networks for funding, explore where to apply for funding, and review a case example comparing successful and unsuccessful applications. The session aims to provide researchers with actionable insights to increase their chances of securing support for future projects.

Moderators:

Aurika Vanckaviciene; Kaunas / Lithuania

Periklis Papavasileiou; Athens / Greece

Chairperson's introduction (5 min)

Aurika Vanckaviciene; Kaunas / Lithuania

Periklis Papavasileiou; Athens / Greece

How to build an international network for funding (12 min)

Shane J Foley; Dublin / Ireland

1. To consider the importance of international networks for funding success
2. To become familiar with EFRS networks and other networking possibilities
3. To understand key criteria when building a strong team

Where to apply for funding (12 min)

Jose Guilherme Couto; Msida / Malta

1. How to know about funding opportunities and deadlines?
2. What to consider when choosing the best place for your application
3. Planning your funding application up front

Case example on application with and without success (12 min)

Eija Metsälä; Helsinki / Finland

1. To understand the importance of selecting the correct grant program and coordinating country
2. To analyze pitfalls of the grant application process
3. To get an overview of the success factors of grant applications

Panel Discussion (19 min)

AR p8 - How to improve your PET-CT reports in practice

Categories: Professional Issues
ETC Level: LEVEL I+II
Date: March 5, 2026 | 10:00 - 11:00 CET

Introduction (5 min)

Basic principles (10 min)

1. To learn common pitfalls in creating reports and how to address them.
2. To understand what clinicians want from reports.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To acquire strategies to improve the clarity and effectiveness of reports.
2. To critique reports and improve their structure and content to deliver high-quality, concise and actionable reports.

Workshop assistant

HW Ua 8 - AI perspectives in ultrasound

Categories: Artificial Intelligence
ETC Level: LEVEL I+II
Date: March 5, 2026 | 10:00 - 11:30 CET

Introduction (15 min)

1. To understand the latest state of the art Artificial Intelligence technology available on US scanners.
2. To investigate the potential utility of such tools.
3. To understand the clinical impact of this advancing AI technology.
4. To understand the current limitations and where future developments will occur.

Hands-on demonstration (75 min)

Demonstrators

Workshop assistant

RC 800c - The skull base: imaging essentials

Categories: Emergency Imaging, Head and Neck, Neuro, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Bridging the gap: imaging the skull base from brain to neck (15 min)

1. To review key anatomical landmarks of the skull base relevant to both neuroradiologists and head and neck radiologists.
2. To identify the most effective imaging modalities and protocols for assessing complex skull base regions.
3. To understand how cross-speciality collaboration enhances diagnostic accuracy in skull base pathology.

Decoding tumours and spread at the skull base (15 min)

1. To differentiate common skull base tumours based on imaging characteristics and location.
2. To recognise typical and atypical patterns of tumour infiltration and perineural spread.
3. To apply a multimodal and multidisciplinary approach to accurately assess tumour extent and guide management.

Skull base lesions beyond tumours: infections, inflammation and vascular disease (15 min)

1. To identify imaging features of infectious, inflammatory, and vascular skull base lesions.
2. To distinguish between tumour-mimicking and true neoplastic processes in challenging cases.
3. To understand key diagnostic pitfalls and when to recommend further imaging or biopsy.

Panel discussion: Future directions in skull base imaging (10 min)

TC 827 - Monitoring prostate cancer

Categories: Genitourinary, Oncologic Imaging

ETC Level: LEVEL III

Date: March 5, 2026 | 10:00 - 11:00 CET

The session discusses the implications of overdiagnosis and overtreatment in prostate cancer management, with a focus on how biopsy regimens contribute to these challenges. Furthermore, it reviews the indications, adoption, and risk assessment in active surveillance in North America and Europe, and discusses differences. The attendees will learn about the recurrence assessment in localised and advanced prostate cancer with MRI and next-generation imaging.

Chairpersons' introduction (4 min)

Biopsy strategies in early detection of prostate cancer (14 min)

MRI in active surveillance (14 min)

Prostate cancer recurrence assessment (14 min)

Interactive case-vignettes (14 min)

E³ 20B - Interstitial lung diseases: don't panic!

Categories: Chest

ETC Level: LEVEL I+II

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (3 min)

General approach to ILD: select the main feature! (23 min)

1. To understand the importance of micronodule distribution.
2. To recognise different reticular patterns.
3. To identify the main aetiologies of ground glass opacities and consolidation.

Fibrosing lung diseases: how to recognise them? (23 min)

1. To learn about the key features of lung fibrosis on CT.
2. To become familiar with its different entities.
3. To understand the importance of zonal predominance in achieving an accurate diagnosis.

Panel discussion: Would only radiologists specialised in thoracic imaging be able to approach diffuse interstitial lung diseases? (11 min)

RC 806 - ALPHA, BETA, GAMMA: radioligands in action, transforming cancer imaging and therapy

Categories: Hybrid Imaging, Molecular Imaging, Nuclear Medicine, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 5, 2026 | 10:00 - 11:00 CET

Theranostics is rapidly growing. Alpha-emitting radionuclides increase therapeutic efficacy. Therapeutic radionuclides that decay by emitting β-, such as Lutetium-177, are well established in clinical practice. Radionuclides emitting internal conversion and Auger electrons, e.g. Terbium-161, are approaching translation. Imaging with gamma-emitting radiopharmaceuticals enhance treatment efficacy by personalising radiation doses to individual patients, allowing to maximise tumouricidal therapeutic effects while minimising toxicity to healthy organs. The session outlines the fundamental principles, procedures, and methodologies in imaging, dosimetry and therapy.

Chairperson's introduction (5 min)

Alpha-emitting radionuclide therapy: the next frontier in targeted cancer treatment (15 min)

Beta-emitting and Auger electron radiopharmaceuticals: impact and opportunities for targeted imaging and therapy (15 min)

Gamma emitting imaging: status, success, and future potential in theranostics including dosimetry (15 min)

Panel discussion: How and who should we treat (10 min)

RC 800b - The real-world impact of AI on clinical radiology and radiography

Categories: Artificial Intelligence, Imaging Informatics, Multidisciplinary, Radiographers

ETC Level: LEVEL I+II

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairpersons' introduction (5 min)

How has evidence-based AI changed the radiographer's work? (15 min)

1. To learn how AI can be applied to streamline clinical workflows, such as CT, and reduce turnaround times.
2. To appreciate the role of AI in balancing clinical workloads and supporting decision-making in high-demand imaging departments.
3. To understand the practical and ethical considerations involved in integrating AI into workflow management systems.

The prime-time AI applications in diagnostic radiology and workflow (15 min)

1. To review the AI applications in radiology that show real-world evidence assisting with diagnosis and decision-making.
2. To learn about how AI can tangibly improve the workflow for radiologists.
3. To provide a roadmap for the evidence-based integration and post-market surveillance of AI applications.

How can AI facilitate and enhance a patient-focused radiologist-radiographer collaboration? (15 min)

1. To outline the major challenges of AI implementation with regard to human-AI interaction.
2. To discuss ways to engage in patient-centred practices when using AI in clinical practice.
3. To underline the importance of Radiologist-Radiographer-Patient collaborations within clinical settings for providing patient-centred care.

Panel discussion: The radiologist and radiographer as enablers for AI integration, patient safety and real-world impact (10 min)

OF 8R - Radiographers' autonomy in clinical practice and new technologies

Categories: Professional Issues, Radiographers
Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Radiologists' and radiographers' collaboration for harmonising acquisition protocols (12 min)

1. To understand the importance of collaborative protocol development between radiologists and radiographers to ensure consistency, quality, and patient safety in imaging.
2. To identify strategies for harmonising acquisition protocols across departments, including the use of standardisation tools, communication frameworks, and shared decision-making.
3. To explore strategies for effective interprofessional communication and implementation by recognising the role of radiographers as autonomous professionals for optimisation of clinical practice.

Teleradiology and contrast media management in rural areas (12 min)

1. To understand the role of teleradiology in supporting rural imaging services through the support of radiographers, particularly where on-site radiologists are not available.
2. To recognise the evolving responsibilities of radiographers in contrast media management, including patient preparation, monitoring, and emergency protocols.
3. To explore the expanding role of radiographers in rural healthcare systems, highlighting their autonomy in coordinating imaging workflows, collaborating remotely with radiologists, and ensuring high-quality patient care.

Integrating photon-counting CT into radiographers' practice (12 min)

1. To understand the key principles and advantages of photon-counting CT technology.
2. To describe the role of radiographers in adapting protocols and workflows for photon-counting CT implementation in clinical practice.
3. To recognise how this technology supports radiographers' advanced practice and enhances diagnostic quality.

Open forum discussion (19 min)

RC 803 - Ischaemic heart disease

Categories: Cardiac, Contrast Media, Imaging Methods
ETC Level: LEVEL II+III
Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Clinical presentation, triaging and test selection (15 min)

1. To learn about the typical and not-so-typical presentation of myocardial infarction (MI).
2. To understand the rationale of triage.
3. To review the first-line testing and additional test selection.

CT in acute chest pain (15 min)

1. To learn about clinical evidence for using coronary computed tomography angiography (CCTA) in the emergency setting.
2. To learn the information advanced cardiac CT (CCT) offers and iist clinical use

MRI in ischaemic heart disease (15 min)

1. To learn about the imaging approach to Angina with Nonobstructive Coronary Arteries (ANOCA), Ischemia with No Obstructive Coronary Arteries (INOCA) and Myocardial Infarction with Non-Obstructive Coronary Arteries (MINOCA).

Panel discussion: The best clinical pathway for a successful patient outcome (10 min)

OF 8Y - Channel your inner reviewer

Categories: Education, Research, Students
ETC Level: LEVEL II+III
Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Fostering ethical reviewing (7 min)

1. To introduce and define publication ethics.
2. To learn about duplication, redundancy, overlaps, and salami-slicing.
3. To understand ethical and unethical author behaviour.

Role of the reviewer (7 min)

1. To learn what makes an ideal review.
2. To learn to provide constructive suggestions to authors and editors, avoiding destructive comments.
3. To learn how to review a revised manuscript.

Reporting guidelines (7 min)

1. To consider diversity of data (equity, balance, race, and ethical issues).
2. To understand how to use reporting guidelines (including Equator network, AI, CLEAR).

What to consider when reviewing AI papers (7 min)

1. To learn about the importance of data splitting (training, testing, validation, etc.).
2. To appreciate the particularities of AI-related manuscripts.
3. To understand how to evaluate AI depending on the task.

What is the clinical impact (7 min)

1. To understand what succeeds at creating clinical impact (and what fails to).
2. To create an impactful clinical/critical relevance (statement).
3. To understand how to link clinical impact and citation performance.

Open forum discussion: What makes a good reviewer and how to become one? (20 min)

RC 813 - How to play the game: cumulative effective dose (CED) concept - pros and cons in clinical practice

Categories: EuroSafe Imaging/Radiation Protection, Medico-legal, Multidisciplinary, Physics in Medical Imaging, Professional Issues

ETC Level: LEVEL I+II

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Cumulative effective dose (CED) in radiology (15 min)

1. To understand the relationship between exposure indexes as recorded in the dose structured reports and the patient's effective dose, as well as the need for a periodic check and calibration of exposure indexes reported by the radiological equipment.
2. To learn about the role of radiation exposure monitoring systems and the status of their implementation in Europe.
3. To understand how to use information from radiation exposure monitoring systems for optimisation purposes – including the cumulative dose perspective.

Beyond the concept of CED (15 min)

1. To understand the epidemiological and radiobiological basis of the cumulated effective dose quantity.
2. To understand how Recurrent Exposure Reference Levels (RERL) could be used as a tool for the optimisation of the management of recurrent patients among different health care centres.
3. To learn about the multicentric European study on Recurrent Exposure Reference Levels (RERL) establishment.

Radiologists' perspective on CED (15 min)

1. To learn about what is recurrent medical imaging, which patient cohorts submitted to recurrent imaging are under most investigations and what is the magnitude of the phenomenon.
2. To understand which are the challenges and pitfalls when dealing with recurrent imaging exposure without inappropriately influencing decision making.
3. To be aware of joint position statements concerning Recurrent Radiological Imaging procedures and the proposed way forward (IAEA & AAPM).

Panel discussion: Are we ready to use the cumulative effective dose concept in clinical practice? (10 min)

EIBIR 8 - Transforming cardiovascular risk prediction with AI: from models to real-world impact with the Trustworthy AI Tools for the Prediction of Obesity Related Vascular Diseases (AI-POD) project

Categories: Artificial Intelligence, Cardiac, Research, Vascular

ETC Level: LEVEL I+II

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

From scan to score: developing AI models for cardiovascular risk prediction (10 min)

1. To learn about the potential of AI tools for improved obesity-related prediction of cardiovascular disease.
2. To understand the process of building AI models for cardiovascular risk prediction.
3. To recognise key considerations in training, validating, and interpreting AI-driven risk models.

Integrating AI into clinical practice: the AI-POD clinical decision support system (10 min)

1. To understand the clinical need for AI tools for clinical decision making for obesity-related cardiovascular disease.
2. To learn about the potential and functionalities of the AI-POD CDSS.
3. To understand how the AI-POD system supports personalised decision-making in cardiovascular care.

Real-world validation: early observations from the AI-POD clinical study (10 min)

1. To learn about the real-world application of the AI-POD tools.
2. To appreciate the initial findings from the AI-POD clinical study.
3. To learn about the performance and usability of AI tools in routine patient care based on early study outcomes.

Trust, adoption, and ethical considerations: preliminary results from the AI-POD stakeholder analysis (10 min)

1. To appreciate the early results of the AI-POD survey study on ethical and societal concerns and barriers towards AI-based decision-making and risk prediction in cardiovascular care.
2. To understand stakeholder perspectives on AI's ethical, legal, and social aspects in healthcare.
3. To learn about barriers and enablers to trust and adoption of AI systems among clinicians and patients.

Discussion (15 min)

RC 802 - Pros and Cons: This house believes that we are ready to adopt AI for breast cancer screening

Categories: Artificial Intelligence, Breast, Imaging Methods

ETC Level: LEVEL III

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

1. To critically appraise current evidence for and against AI implementation in breast cancer screening.
2. To recognise the practical, clinical, and ethical challenges in integrating AI into population-based screening programmes.
3. To formulate informed positions on the role of AI in screening, based on contrasting expert perspectives.

Pro (for the motion) (15 min)

Con (against the motion) (15 min)

Panel discussion: AI in screening: are we ready or rushing? (25 min)

RC 801 - Focal lesions in cirrhotic liver: telling the good guys from the bad ones

Categories: Abdominal Viscera, Contrast Media, Interventional Oncologic Radiology

ETC Level: LEVEL II+III

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (3 min)

The role of hepatobiliary contrast agents: essential or optional? (15 min)

1. To understand the diagnostic performance of hepatobiliary phase imaging in cirrhotic livers.2. To differentiate between hepatocellular carcinoma (HCC), dysplastic dodules (DN), and benign nodules using hepatobiliary agents.3. To discuss pitfalls and false positives/negatives in daily practice.

Liver Imaging Reporting and Data System (LI-RADS): simplifying complexity or complicating decisions? (15 min)

1. To explain the structure of the LI-RADS diagnostic algorithm, including its categories and lexicon, to understand how it aims to standardise liver imaging assessment in patients at high risk for HCC.
2. To learn how to evaluate the role of LI-RADS in clinical decision-making, considering its benefits of consistency and standardisation as well as potential drawbacks of complexity and limitations of implementation in some clinical settings.
3. To discuss recent updates of the LI-RADS diagnostic algorithm that aim to enhance usability and clinical relevance.

Is imaging enough? (15 min)

1. To recognise when a biopsy is needed despite advanced imaging.
2. To discuss the complementary role of imaging and biopsy
3. To propose management algorithms based on combined data.

Panel discussion: Imaging and pathology: competition or complement? (12 min)

RC 800a - Imaging of sports trauma: paediatric vs adult patterns

Categories: Imaging Methods, Multidisciplinary, Musculoskeletal, Paediatric

ETC Level: LEVEL II+III

Date: March 5, 2026 | 10:00 - 11:00 CET

Chairperson's introduction (5 min)

Complex injuries in the knee: adult versus paediatric (15 min)

1. To distinguish the different anatomical and mechanical structures of the knee in children and adults.
2. To identify the different features in imaging of complex knee injuries in adults versus children.
3. To optimise the diagnostic workflow, CT and MR protocol in adults and children with complex knee injuries.

Triplane fractures and adult trimalleolar fractures in soccer: mechanism of action and findings at imaging (15 min)

1. To understand the typical mechanisms of injury.
2. To understand the anatomical and structural differences according to age.
3. To apply the proper diagnostic workflow and identify the main findings.

Shoulder injuries in the young and adult throwing athlete (15 min)

1. To describe the typical mechanism of injury in throwing athletics.
2. To characterise the imaging features of shoulder injuries in adults and paediatric throwing athletes.
3. To define the proper diagnostic workflow in both age groups.

Panel discussion: What is the best technique to assess sports trauma in children and adults (10 min)

CUBE 8 - It's bleeding: how to stop?

Categories: Emergency Imaging, Interventional Radiology, Vascular
ETC Level: LEVEL II+III
Date: March 5, 2026 | 10:30 - 11:00 CET

Chairperson's introduction (2 min)

Acute arterial bleeding: how to manage, how to stop! (28 min)

1. To learn how to diagnose acute arterial bleeding and plan the appropriate treatment promptly.
2. To appreciate the role of imaging in guiding bleeding management and embolisation.
3. To understand, on a case-based basis, how to perform embolisation for bleeding in various anatomical locations.

MD 8b - Early-stage prostate cancer: new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: Abdominal Viscera, Genitourinary, Multidisciplinary, Oncologic Imaging, Research

ETC Level: ALL LEVELS

Date: March 5, 2026 | 11:30 - 12:30 CET

Chairperson's introduction (2 min)

1. To highlight new developments in imaging and treatment of early-stage prostate cancer.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

The urologist's perspective (8 min)

The oncologist's perspective (8 min)

The radiologist's perspective (8 min)

Expert panel discussion (34 min)

CUBE 9 - Women's health (UFE/PCS)

Categories: General Radiology, Genitourinary, Interventional Radiology

ETC Level: LEVEL II

Date: March 5, 2026 | 12:00 - 12:30 CET

Chairperson's introduction (2 min)

Uterine fibroid embolisation (14 min)

1. To learn when UFE is the appropriate treatment option.
2. To understand the technical aspects of performing UFE.
3. To recognise the importance of peri- and post-procedural management, including optimal pain control.

Pelvic congestion syndrome (14 min)

1. To learn the typical clinical presentation and symptoms of PCS.
2. To understand how to diagnose and image PCS and the term "pelvic venous disorders".
3. To appreciate how interventional radiologists can effectively manage PCS.

HW Ua 9 - AI perspectives in ultrasound

Categories: Artificial Intelligence
ETC Level: LEVEL I+II
Date: March 5, 2026 | 12:30 - 14:00 CET

Introduction (15 min)

1. To understand the latest state of the art Artificial Intelligence technology available on US scanners.
2. To investigate the potential utility of such tools.
3. To understand the clinical impact of this advancing AI technology.
4. To understand the current limitations and where future developments will occur.

Hands-on demonstration (75 min)

Demonstrators

Workshop assistant

EFRS 9 - Postgraduate Learning for Clinical Impact and Leadership

Categories: Education, Professional Issues, Radiographers

Date: March 5, 2026 | 12:45 - 13:45 CET

This session will highlight the critical role of postgraduate education in advancing clinical practice within radiography. Speakers will explore how specialised imaging programmes support advanced skills, how postgraduate qualifications can serve as a pathway to clinical leadership, and the transition from practitioner to advanced practitioner, demonstrating the tangible value of these roles in clinical settings. The session will provide practical insights into how education drives professional growth, leadership, and improved patient care.

Moderator:

Malene Roland Pedersen; Vejle / Denmark

Chairperson's introduction (5 min)

Malene Roland Pedersen; Vejle / Denmark

Advancing Clinical Practice: The Role of Postgraduate Education in Specialised Imaging (12 min)

Johan Kihlberg; Linköping / Sweden

1. Learn how postgraduate education enhances clinical competencies in specialised imaging modalities
2. Appreciate the impact of advanced academic training on improved decision-making, patient outcomes, interdisciplinary collaboration, and professional development
3. Understand the pathways, challenges, and opportunities involved in pursuing postgraduate education within the field of medical imaging

Bridging the Gap: Postgraduate Qualifications as a Pathway to Clinical Leadership (12 min)

Ciaran Walsh; Cork / Ireland

1. Understand how postgraduate education supports the transition from clinical practice to leadership roles.
2. Explore the competencies gained through advanced qualifications that empower clinical decision-making and team leadership.
3. Recognise the strategic value of academic progression in shaping the future of radiography departments.

From Practitioner to Advanced Practitioner: The value in clinical practice (12 min)

Marte Flatøy Lindgaard; Olso / No

1. Understand the key differences between practitioner and advanced practitioner roles in radiography.
2. Explore how postgraduate education supports the development of advanced clinical competencies and expanded responsibilities.
3. Recognise the impact of advanced practice on patient care and outcomes, quality of care and decision-making, and professional growth.

Panel Discussion (19 min)

MD 9 - Breast cancer, minimally invasive management: new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: Breast, Interventional Oncologic Radiology, Multidisciplinary, Oncologic Imaging, Research
ETC Level: ALL LEVELS
Date: March 5, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (2 min)

1. To highlight new developments in imaging and minimally invasive treatment of breast cancer.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

Find it early: prerequisites fominimally invasive therapy (8 min)

Minimally invasive cryoablation:where do we stand today? (8 min)

De-escalation strategiesn surgery in radiotherapy (8 min)

Expert panel discussion (34 min)

CUBE 10 - Virtual reality and radiation protection

Categories: Education, EuroSafe Imaging/Radiation Protection, Radiographers
Date: March 5, 2026 | 13:00 - 13:30 CET

Chairperson's introduction (2 min)

Experiences of using virtual reality for supporting radiation protection training in interventional radiology (28 min)

1. To learn about the available software solutions for supporting radiation protection training in IR.
2. To appreciate the benefits of using virtual reality to support radiation protection training.
3. To understand the impact of using virtual reality to support training in IR.

AR p9 - How to improve your PET-CT reports in practice

Categories: Professional Issues
ETC Level: LEVEL I+II
Date: March 5, 2026 | 13:00 - 14:00 CET

Introduction (5 min)

Basic principles (10 min)

1. To learn common pitfalls in creating reports and how to address them.
2. To understand what clinicians want from reports.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To acquire strategies to improve the clarity and effectiveness of reports.
2. To critique reports and improve their structure and content to deliver high-quality, concise and actionable reports.

Workshop assistant

RC 901 - Approach to liver tumours in adolescents and young adults (AYAs)

Categories: Abdominal Viscera, Oncologic Imaging, Paediatric

ETC Level: LEVEL III

Date: March 5, 2026 | 13:00 - 14:00 CET

Chairpersons' introduction (3 min)

Unique spectrum of liver tumours in the AYAs population: what to expect? (15 min)

1. To review the most common benign and malignant liver tumours in adolescents and young adults (AYAs).
2. To understand age-related differences in tumour biology compared to paediatric and adult populations.
3. To highlight the role of clinical context and laboratory data in narrowing differential diagnoses.

Genetic syndromes predisposing to liver tumours in AYAs: what radiologists must know (15 min)

1. To review key genetic syndromes associated with liver tumours in adolescents and young adults (e.g. Beckwith-Wiedemann, FAP, Li-Fraumeni, Carney complex).
2. To describe typical imaging features of liver tumours in these syndromes.
3. To highlight the importance of recognising imaging patterns that suggest an underlying genetic disorder and prompt referral for genetic counselling.

When and how to intervene: imaging-guided decision-making (15 min)

1. To determine when biopsy or surgical referral is necessary based on imaging findings.
2. To discuss the role of radiology in treatment planning, including surgery, transplantation, and interventional options.
3. To explore multidisciplinary collaboration for AYAs' liver tumour management.

Panel discussion: Should we treat AYAs' liver tumours like adult tumours? (12 min)

AR 9 - How to improve head and neck cancer staging reports

Categories: Head and Neck, Oncologic Imaging, Professional Issues

ETC Level: LEVEL I+II

Date: March 5, 2026 | 13:00 - 14:00 CET

Tips on improving head and neck CT reportand MRI reports (15 min)

1. To write clear reports addressing pertinent points for head and neck cancer staging.
2. To communicate effectively and prioritise communication of important findings.
3. To simplify reports.

Cases review and interactive discussion (45 min)

1. To review case reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

TC 927 - Population to precision oncology in prostate cancer

Categories: Genitourinary, Oncologic Imaging

ETC Level: LEVEL III

Date: March 5, 2026 | 13:00 - 14:00 CET

The attendees will learn about the basis for the European screening recommendations from the European Union's Beating Cancer Plan and discuss the challenges and controversies of prostate cancer screening vs early detection, based on guidelines (EAU/AUA/NCCN). The session will review the role of imaging biomarkers in the detection and characterisation of prostate cancer, guidance of personalised treatment planning, prediction and assessment of response to therapy, and detection of disease recurrence. Furthermore, it will explore the emerging image-guided focal therapies as methods for personalised treatment of prostate cancer based on risk criteria and optimisation of oncologic and life quality outcomes.

Chairpersons' introduction (4 min)

MR imaging in screening/organised testing in Europe (14 min)

Novel multimodality imaging biomarkers (14 min)

Image-guided therapies for prostate cancer (14 min)

Panel discussion (14 min)

OF 9R - Managing and transforming clinical practice aiming for a better person-centred care

Categories: Professional Issues, Radiographers
Date: March 5, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (5 min)

Challenges in nuclear medicine departments (12 min)

1. To identify key operational and clinical challenges faced by nuclear medicine departments, including staffing, workflow complexity, and patient communication. 2. To understand the impact of systemic and technological barriers on person-centred care, especially regarding patient experience, safety, and diagnostic efficiency. 3. To explore strategies for transformation, including interdisciplinary collaboration, digital innovation, and radiographer-led initiatives to improve care delivery and patient engagement.

Improving PCC in the diagnostic high-demand workload clinical environment (12 min)

1. To recognise the challenges of delivering person-centred care (PCC) in high-pressure diagnostic imaging settings with increasing patient volumes and time constraints.
2. To identify practical strategies to maintain empathy, communication, and individualised care without compromising workflow efficiency.
3. To explore innovations and team-based approaches to support sustainable care delivery and explore the role of radiographers as key agents for reflexive practice.

Coordinating and integrating changes in radiation therapy practice (12 min)

1. To identify key drivers of change in radiation therapy, including technological advancements, evolving clinical protocols, and patient-centred care priorities.
2. To understand strategies for effective coordination and integration of new practices, technologies, and workflows across multidisciplinary teams.
3. To recognise the radiographer's leadership role in managing change, supporting staff adaptation, and ensuring that innovations align with person-centred care principles.

Open forum discussion (19 min)

E³ 22C - Painful hips in adults

Categories: General Radiology, Imaging Methods, Musculoskeletal, Radiographers
ETC Level: LEVEL II
Date: March 5, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (5 min)

Plain films: what do they offer (15 min)

1. To learn about the diagnostic value of assessing hip pain in adults.
2. To appreciate the limitations and advantages of plain film imaging.
3. To understand the interpretation of common findings on plain film.

The role of computed tomography (15 min)

1. To understand when CT is indicated.
2. To learn about the main CT findings of hip disorders in adults.
3. To appreciate the benefits and limitations of CT compared to other imaging modalities.

Early onset osteoarthritis: what you need to know (15 min)

1. To learn the clinical definition of early onset osteoarthritis of the hip (Eo-OAh).
2. To appreciate the value of imaging, primarily MRI and MRa, in depicting the clinically occult disorders which are related to Eo-OAh.
3. To understand the specific measurements and pathognomonic signs suggesting the underlying disorder linked to Eo-OAh.

Panel discussion (10 min)

OF 9Y - How to communicate effectively as a radiology professional

Categories: Education, Imaging Informatics, Management/Leadership, Professional Issues

ETC Level: ALL LEVELS

Date: March 5, 2026 | 13:00 - 14:00 CET

Clear, confident communication is a vital skill - not just in the reading room, but also online, in meetings, and in public-facing media. This session offers practical guidance from radiology professionals who use podcasts, videos, and virtual platforms to teach, lead, and inspire. Whether you are preparing for a presentation, hosting a webinar, or building your social media presence, this session will help you communicate with clarity and impact.

Chairpersons' introduction (5 min)

Professionalism online: social media and beyond (10 min)

Lights, camera, clarity: communicating effectively with video (10 min)

Online but not invisible: running better virtual meetings (10 min)

Panel discussion: Tips and tricks for better communication (25 min)

ESR DAET 9 - Artificial intelligence (AI) and robotics in interventional radiology: already here or yet to come?

Categories: Artificial Intelligence, Interventional Oncologic Radiology, Interventional Radiology, Oncologic Imaging, Vascular

ETC Level: LEVEL II+III

Date: March 5, 2026 | 13:00 - 14:00 CET

Chairperson's introduction (3 min)

Robotics application for interventional radiology (15 min)

1. To learn which technologies are already available.
2. To discuss clinical applications, both for vascular and oncological applications.
3. To understand which impact we will have in the near future.

AI in interventional radiology: existing applications (15 min)

1. To learn which tools are already part of our everyday practice.
2. To discuss featured benefits.
3. To understand ongoing research.

HIFU beyond well-known clinical applications (15 min)

1. To learn standard clinical applications.
2. To show novel clinical applications.
3. To understand the potential of the technology in the next ten years.

Panel discussion (12 min)

How 9 - How we do it: clinical audit

Categories: Audit, Professional Issues

ETC Level: LEVEL I

Date: March 5, 2026 | 13:00 - 14:00 CET

Attendees of this session will have the unique opportunity to engage in a discussion with Europe's leading experts on clinical audit, share their experiences and find out how to implement clinical audit in their own practice. The experts, representing both radiology and nuclear medicine, will provide a unique perspective on the topic, speaking from their knowledge and experience. Each attendee will be able to participate in the discussion and discover existing materials to support radiologists and nuclear medicine specialists in implementing a clinical audit. The session has been organised by CLAUD-IT: Clinical Audit Implementation in Europe: a Practical and Multidisciplinary approach, a project co-funded by the European Union under the EU4Health programme.

Chairperson's introduction (5 min)

Clinical audit in radiology (5 min)

Clinical audit in nuclear medicine (5 min)

CLAUD-IT methodology (5 min)

Open forum discussion (40 min)

ESR/ESSO - 2040: are you ready for AI-driven healthcare?

Categories: Artificial Intelligence, Education, General Radiology, Multidisciplinary, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 5, 2026 | 13:00 - 14:00 CET

This session will transport you to 2040 and let you experience a day in the practice of a radiologist and surgeon of the future. You will discover how AI is part of the multidisciplinary management team and how radiologists and surgeons evolve into data, empathy, and innovation orchestrators. The session will leave you with one question: Are you ready for AI-driven healthcare?

2040: are you ready for AI-driven healthcare? (30 min)

CUBE 11 - Reshaping interventional oncology: role of navigation and confirmation in ablative techniques

Categories: Abdominal Viscera, Interventional Oncologic Radiology

ETC Level: LEVEL II+III

Date: March 5, 2026 | 14:00 - 14:30 CET

This session will provide information on the importance of precise navigation in tumour treatment and tools to confirm the complete treatment.

Chairperson's introduction (2 min)

Tips and tools for navigation to treat liver tumours (14 min)

Why should I use a tool for ablation confirmation? (14 min)

EFRS 10a - A focus group on the scope of practice of radiographers and technologists working in Nuclear Medicine

Categories: Education, Nuclear Medicine, Professional Issues, Radiographers, Research

Date: March 5, 2026 | 14:15 - 15:15 CET

This session will provide attendees with an opportunity to share experiences pertaining to the responsibilities, limitations and future direction of working in Nuclear Medicine. The session will be moderated and supported by elements of the Nuclear Medicine Committee.

Moderators:

Mélanie Champendal; Lausanne / Switzerland

Karen Borg Grima; Naxxar / Malta

Chairperson's introduction (10 min)

Mélanie Champendal; Lausanne / Switzerland

Karen Borg Grima; Naxxar / Malta

Scope of practice of radiographers and technologists working in Nuclear Medicine (45 min)

Daniela Fonseca Ribeiro; London / United Kingdom

1. To understand the definition and boundaries of the scope of practice of radiographers/technologists, within the Nuclear Medicine profession.
2. To share experiences, related to scope of practice, between professionals working within the field of Nuclear Medicine.
3. To gain awareness of the challenges, barriers and future direction of the scope of practice of radiographers/technologists in Nuclear Medicine.

Final remarks (5 min)

NM 10 - Harnessing generative AI in academic publishing (highlight session)

Categories: Artificial Intelligence, Education, Research, Students

ETC Level: LEVEL I+II

Date: March 5, 2026 | 14:30 - 16:00 CET

This section first reviews the various ways that generative AI can be used to make the writing and publishing process more efficient. Then, we discuss ethical and editorial guidelines on the responsible use of generative AI to establish best practices in academia. Lastly, we cover the importance of effective prompt engineering to ensure that you obtain the expected output along with various prompt engineering patterns that can be used to achieve different goals.

AI in academic publishing (90 min)

EU 10 - ESR iGuide, clinical decision support: challenges and opportunities

Categories: EuroSafe Imaging/Radiation Protection, Evidence-Based Imaging, Imaging Informatics, Professional Issues

ETC Level: ALL LEVELS

Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (5 min)

HIO Cyprus implementation of ESR iGuide clinical decision support (15 min)

1. To learn the need to improve the prescription of imaging studies.
2. To describe the national plan to implement iGuide.
3. To understand the challenges and opportunities of a nationwide programme.

Clinical decision support and generative AI: new possibilities in imaging utilisation management (15 min)

1. To learn about the role of guidelines in referral practice.
2. To learn about the standards for appropriate imaging utilisation in different parts of the world.
3. To describe the plans for the convergence of evidence-based radiology guidelines.

Norway shows the way on addressing the overuse of medical imaging (15 min)

1. To learn about a CDS-driven regional intervention in Norway.
2. To appreciate the impact of comprehensive imaging utilisation management.
3. To understand the potential for expanded adoption of guidelines and CDS in clinical practice.

The future of CDS: incorporating LLMs into clinical practice (15 min)

1. To learn about the incorporation of LLMs in decision support software.
2. To understand the application of CDS for referral vetting.
3. To learn about using CDS for clinical audit of radiology referrals.

Panel discussion (25 min)

ESR/ESTRO - Individualised treatment of primary rectal cancer

Categories: Education, GI Tract, Multidisciplinary, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 5, 2026 | 14:30 - 16:00 CET

The session aims to present and familiarise attendees with the revised rectal cancer imaging guidelines. After attending the session, attendees will be able to understand the treatment strategy for high- and low-risk rectal cancer and learn about the factors important for treatment decision-making.

Chairpersons' introduction (4 min)

How to stratify low, intermediate and high risks for primary rectal cancer: an update of the revised rectal cancer imaging guidelines (12 min)

Treatment strategies for high-risk of primary rectal cancer (12 min)

Treatment strategies for low/intermediate risk of primary rectal cancer (12 min)

Case-based panel discussion (50 min)

HW Ui 10 - Interventional ultrasound: guided biopsy and fine needle aspiration (FNA) techniques

Categories: Abdominal Viscera, Breast, General Radiology, Interventional Radiology, Musculoskeletal

ETC Level: LEVEL I+II

Date: March 5, 2026 | 14:30 - 16:00 CET

Introduction: tips and tricks (25 min)

1. To learn about the basic principles of performing an ultrasound guided biopsy and fine needle aspiration (FNA).
2. To become familiar with the types of biopsy needles and needle size for FNA.
3. To understand the different techniques of FNA and how to spread and prepare slides.
4. To learn about the potential pitfalls to avoid.

Hands-on demonstration (65 min)

Demonstrators

Workshop assistant

SA 10 - State-of-the-art imaging in inflammatory bowel disease (IBD)

Categories: Abdominal Viscera, Artificial Intelligence, GI Tract

ETC Level: LEVEL III

Date: March 5, 2026 | 14:30 - 16:00 CET

The aim of the session is to illustrate the "state-of-the-art" imaging in Crohn's disease with emphasis on the small bowel manifestations. The last ECCO-ESGAR imaging guidelines will be reviewed, and the role of intestinal ultrasound and MR-enterography will be discussed. Future developments in imaging of IBD will be illustrated by considering the most interesting and challenging issues, such as the role of quantitative imaging, AI applications, and the imaging of fibrosis.

Chairperson's introduction (5 min)

Review of the updated ECCO-ESGAR guidelines (20 min)

IUS vs MR enterography: when and why? (20 min)

Fibrosis assessment (15 min)

Quantitative imaging of IBD: disease activity and beyond (15 min)

Panel discussion: Imaging challenges in IBD (15 min)

SF 10 - Liquid biopsy: implications for oncologic imaging

Categories: Interventional Oncologic Radiology, Multidisciplinary, Oncologic Imaging, Research, Translational Imaging

ETC Level: LEVEL II+III

Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (3 min)

Liquid biopsy: the oncologist's perspective (25 min)

1. To learn the basics about liquid biopsy.
2. To appreciate the complexity of liquid biopsy methods.
3. To understand the oncologist’s perspective on liquid biopsy.

LB-RECIST: liquid biopsy response evaluation (25 min)

1. To learn about liquid biopsy as a tool for response evaluation.
2. To appreciate the complexity of response patterns in liquid biopsy.
3. To understand the framework of LB-RECIST.

The relationship of liquid biopsy and oncologic imaging (25 min)

1. To learn how liquid biopsy and oncologic imaging reflect cancer burden.
2. To appreciate the differences between liquid biopsy and imaging as an assessment tool.
3. To understand the opportunities of combining parameters from both methods.

Panel discussion: Can we combine liquid biopsy results and imaging-based response criteria? (12 min)

E³ 1023 - Cardiac and vascular

Categories: Cardiac, Vascular
ETC Level: LEVEL I+II
Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (6 min)

Cardiovascular imaging: coronary arteries (28 min)

1. To understand the anatomy, normal variants, and abnormalities of the coronary arteries.
2. To describe the technical aspects and methodology of cardiac CT.
3. To understand the clinical role of cardiac CT in the main clinical scenarios: coronary stenoses and imaging post-revascularisation.

Cardiovascular imaging: myocardium (28 min)

1. To describe the diagnostic evaluation and imaging presentation of ischaemic heart disease.
2. To understand the diagnostic evaluation and imaging presentation of myocarditis.
3. To become familiar with the heterogeneity and corresponding main imaging findings of myocarditis.

Cardiovascular imaging: valves, endocardium, and aorta (28 min)

1. To recognise the imaging presentation of the different forms of valvular disease.
2. To understand the causes and imaging presentations of endocarditis.
3. To describe the diagnostic evaluation and imaging presentation of common diseases of the great vessels, including aortic dissection and aneurysms.

MD 10 - Brain tumours: new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: General Radiology, Imaging Methods, Multidisciplinary, Neuro, Research
ETC Level: ALL LEVELS
Date: March 5, 2026 | 14:30 - 15:30 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the treatment of brain tumours.
2. To critically review recent developments in imaging and put this in perspective of the treatment and other diagnostic developments.
3. To provide recommendations for clinical practice and directions for the future.

The neurosurgeon's perspective (8 min)

The neuro-oncologist's perspective (8 min)

The radiologist's perspective (8 min)

Expert panel discussion (34 min)

EFRS 10b - Safeguarding provision of imaging and radiotherapy services

Categories: Education, Management/Leadership, Professional Issues, Radiographers
Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (5 min)

Staffing levels: are specific levels required for safety, and can these be defined and enforced? (14 min)

1. To learn about current evidence and policy recommendations regarding radiographer staffing levels and their impact on patient and staff safety.
2. To appreciate the challenges and implications of defining and enforcing minimum-staffing standards across diverse European healthcare systems.
3. To understand how staffing levels influence service quality, workforce sustainability, and compliance with safety regulations.

Postgraduate education opportunities: are minimum levels required? Do we need a European framework? (14 min)

1. To learn about the current landscape of postgraduate radiography education across Europe and its variation in content and recognition.
2. To appreciate the value of harmonised postgraduate frameworks for advancing professional roles and enabling cross-border mobility.
3. To understand the need for structured pathways and minimum standards in postgraduate education to support advanced practice, research, and leadership in radiography.

Managing interdisciplinary relationships (14 min)

1. To learn about strategies and best practices for effective interdisciplinary collaboration in radiography-related services.
2. To appreciate the importance of mutual respect, clear communication, and defined roles within multidisciplinary teams.
3. To understand how strengthened interdisciplinary relationships can enhance professional autonomy, patient outcomes, and workplace dynamics.

Steps to improve professional recognition and autonomy (14 min)

1. To learn about key enablers and barriers to professional recognition of radiographers at national and European levels.
2. To appreciate the role of education, regulation, advocacy, and research in advancing radiographer autonomy and visibility.
3. To understand strategic actions radiography leaders and organisations can take to enhance recognition and professional status.

Panel discussion: What do radiographers need to do to embrace change? (29 min)

OF 10Yb - Residents as teachers: effectively using new interactive teaching technologies (part 2)

Categories: Education, Management/Leadership, Research, Students

ETC Level: ALL LEVELS

Date: March 5, 2026 | 14:30 - 15:30 CET

Part 2 of this session series delves into the next level of resident-led teaching: harnessing digital micro-interactions, case-based learning, and social media. From QR-coded learning nuggets to engaging peers through Instagram or X, this session will showcase how tech-savvy residents can build meaningful educational experiences - one case and one click at a time.

Chairpersons' introduction (5 min)

QR codes and microlearning: teaching in the flow of work (10 min)

Show, don't tell: the power of case-based teaching (10 min)

From scroll to school: social media as a learning platform (10 min)

Open forum discussion: Should teaching go viral? (25 min)

OF 10Ya - Making the most of the ESOR scholarship and fellowships in Europe and beyond

Categories: General Radiology, Management/Leadership, Professional Issues, Research

ETC Level: LEVEL II+III

Date: March 5, 2026 | 14:30 - 15:30 CET

This session is addressed to young radiologists aiming or planning for a fellowship abroad, and to hosts and tutors being involved within the ESOR scholar-and fellowship program. The idea of this session is to approach fellowships from different viewpoints and angles. Former scholars and fellows but also hosts and tutors will share their experiences and will provide the attendees with insights, tools, and practical guidance needed to fully benefit from the opportunities offered by the European School of Radiology. You'll also hear reflections from past fellows on how these programs have influenced their careers and broadened their perspectives. Whether you're planning to apply, considering hosting, or simply curious about what ESOR has to offer, this session is your chance to learn, ask questions, and connect with a community committed to excellence in radiology education and exchange.

Chairpersons' introduction (3 min)

How to put in a successful application with and without the use of ChatGPT: tips and tricks (7 min)

The practicalities: how to become an ESOR reference center and be a perfect host and tutor (7 min)

The practicalities: how to be a perfect ESOR scholar or fellow, and how to get most out of my stay (7 min)

Looking back: what I gained from my ESOR multidisciplinary visiting fellowship (7 min)

Looking back: what I gained from an ESOR research fellowship (7 min)

My experience with the Alexander R. Margulis Fellowship (7 min)

Open forum discussion: Top tips for potential ESOR applicants and future tutors (15 min)

EIBALL 10 - Building a quantitative imaging research study: a practical session

Categories: Imaging Methods, Molecular Imaging, Oncologic Imaging, Research

ETC Level: LEVEL II+III

Date: March 5, 2026 | 14:30 - 16:00 CET

Introduction: the EIBALL and QIBA initiative (10 min)

Hypothesis generation: including primary/seconda endpoints and ground truth inclusion, exclusion criteria (20 min)

1. To learn about introducing quantitative imaging endpoints in clinical research studies.
2. To appreciate the relationship between measured biomarkers, ground truth and clinical endpoints.
3. To understand the principle of reliable quantitative imaging biomarkers (QIBs) and their relation to clinical endpoints.

Making the measurement: including precision, reproducibility, and validation (20 min)

1. To learn about the use of metrology concepts in quantitative imaging.
2. To appreciate terms like precision, accuracy, bias, reliability and reproducibility in quantitative imaging measurements.
3. To understand the necessity of standardised imaging procedures for measuring QIBs.

Statistical considerations: including study type, main tesoutcome measurements, biases (20 min)

1. To learn about appropriate statistical concepts for the use of QIBs in clinical research studies.
2. To appreciate the accuracy and bias of QIBs and their statistical representation.
3. To understand the selection of useful statistical hypotheses and tests for one or multiple biomarkers based on clinical study outcome assessment.

Practical issues: including ethics and leg funding, and planning (20 min)

1. To learn how to plan, manage and analyse QIB-based clinical research studies.
2. To appreciate the organisational setup and requirements to provide reliable and reproducible results.
3. To understand the challenges of quantitative imaging biomarker studies and how to use them successfully.

ESR Research 10 - Real-world applications of imaging biomarkers: from hypothesis to clinical practice

Categories: Artificial Intelligence, Evidence-Based Imaging, Multidisciplinary, Research, Translational Imaging

ETC Level: ALL LEVELS

Date: March 5, 2026 | 14:30 - 15:30 CET

This session will explore the journey of imaging biomarkers from research to clinical implementation, focusing on trial design, validation, regulatory challenges, and the role of AI in biomarker development. Experts will share insights from real-world trials and discuss the future of AI-driven imaging biomarkers.

Chairpersons' introduction (5 min)

From pixels to patients: biomarker trial design and beyond (15 min)

Challenges and lessons from implementing imaging biomarkers in multicentre clinical trials (15 min)

Artificial intelligence (AI) and radiomics: deciphering the future of imaging biomarkers (15 min)

Panel discussion: How can multidisciplinary collaboration in imaging drive the future of research? (10 min)

PC 10 - Sustainability in radiology: from theory to practice

Categories: Imaging Informatics, Management/Leadership, Multidisciplinary, Physics in Medical Imaging, Professional Issues, Sustainability

ETC Level: ALL LEVELS

Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (5 min)

Transformation to a green imaging department (15 min)

Contrast and water pollution (15 min)

1. To understand the impact of contrast media use on the environment.
2. To learn about potential methods to reduce the discharge of contrast agents.
3. To learn about the first practical steps to extract contrast media from wastewater.

Energy: switch it off. But automation or behaviour change? What can we do? (15 min)

1. To learn practical solutions to deliver energy savings within and beyond the radiology department.
2. To appreciate that, whilst tackling the climate crisis as an individual can feel insurmountable, meaningful change is achievable as a coordinated effort.
3. To understand that psychological barriers, as well as organisational inertia, can impede such efforts, but can be overcome.

Life-cycle assessment (15 min)

1. To name one outcome measure for an environmental life cycle assessment. 2. To list the imaging modality which produces the most carbon pollution within a diagnostic radiology department. 3. To propose one approach to reduce carbon pollution within diagnostic radiology.

Panel discussion: First steps: where do we begin? (25 min)

MS 10 - Lumbar pain: from symptom to diagnosis

Categories: Evidence-Based Imaging, General Radiology, Multidisciplinary, Musculoskeletal, Neuro

ETC Level: LEVEL II+III

Date: March 5, 2026 | 14:30 - 16:00 CET

Chairperson's introduction (5 min)

The limitations of imaging in chronic spine pain patients (18 min)

1. To appreciate the difference in the concept of normality between radiology and clinical practice and the consequences for patients with lumbar pain.
2. To learn the difference between nociception and pain.
3. To appreciate the limitations of radiological findings as the source of nociception in patients with chronic lumbar pain.

Imaging of lumbar spine osteoarthritis (18 min)

1. To learn the complex pattern in imaging of lumbar spine osteoarthritis.
2. To appreciate the specific correlation between imaging and lumbar spine osteoarthritis pain.
3. To understand the role of imaging in the diagnostic strategy of lumbar spine osteoarthritis pain.

What does a surgeon want to know for lumbar pain? (18 min)

1. To learn about spinal static: the fundamentals and its usefulness.
2. To appreciate the relationship between spinal static and lumbar pain.
3. To understand what the surgeon wants to know before and after surgery.

Imaging clues to non-degenerative spinal disorders: rethinking lumbar pain (18 min)

1. To recognise that lumbar pain may arise from both non-degenerative and atypical degenerative spinal conditions, including axial spondyloarthritis, chronic non-bacterial osteomyelitis (CNO), osteochondrosis, and diffuse idiopathic skeletal hyperostosis (DISH).
2. To identify distinguishing imaging features of non-degenerative spinal disorders and mimicking entities through illustrative cases.
3. To evaluate the role of radiologic imaging in differentiating inflammatory, developmental, and degenerative pathologies of the lumbar spine.

Multidisciplinary case discussion (15 min)

E³ 20C - Chest x-ray revisited

Categories: Artificial Intelligence, Chest
ETC Level: LEVEL I+II
Date: March 5, 2026 | 14:30 - 15:30 CET

Chairperson's introduction (5 min)

Chest x-ray reading: tips and tricks (15 min)

1. To learn about the quality criteria to assess before reading.
2. To learn how to recognise abnormal mediastinal contours.
3. To understand the importance of a structured reading guide.

Common pitfalls and missed diagnosis (15 min)

1. To learn which lung areas are more challenging to interpret.
2. To recognise pitfalls caused by external objects.
3. To understand the limitations of chest x-ray.

AI-assisted chest x-ray reading (15 min)

1. To learn how to use AI for detecting lung nodules.
2. To appreciate its role in identifying small pneumothoraces.
3. To understand the challenges in validating AI findings.

Panel discussion: How to get the most out of chest x-ray? (10 min)

AR h10 - How to improve your head and neck cancer staging reports in practice

Categories: Head and Neck, Oncologic Imaging, Professional Issues

ETC Level: LEVEL I+II

Date: March 5, 2026 | 15:00 - 16:00 CET

Introduction (3 min)

Basic principles (7 min)

1. To learn how to structure head and neck cancer reports so that findings are easily extractable and clinically relevant.
2. To appreciate the importance of concise and clear language in improving communication and decision-making.
3. To understand how to tailor reports to specific head and neck cancer types, ensuring completeness without omissions.
4. To learn techniques for addressing uncertainty in imaging findings while minimising ambiguity and avoiding errors.

Cases review, interactive discussion and critiquing of reports (50 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

EFRS 10c - Innovations in Radiotherapy: From Imaging to Patient Experience

Categories: Hybrid Imaging, Imaging Methods, Professional Issues, Radiographers

Date: March 5, 2026 | 15:45 - 16:45 CET

This session will explore emerging innovations in radiotherapy workflows and their potential to transform clinical practice. Topics include the role of photon-counting CT in radiotherapy planning, the principles and challenges of simulation CT-free workflows, and the rationale and implementation of maskless treatments. Participants will also evaluate how these developments may reshape the entire pathway—from imaging through to treatment delivery—enhancing precision, efficiency, and patient experience.

Moderator:

Valerio Pisoni; Giussano / Italy

Chairperson's introduction (5 min)

Valerio Pisoni; Giussano / Italy

Photon-Counting CT: A New Era for Radiotherapy Planning (15 min)

Linda Rossi; Rotterdam / Netherlands

1. Explain the potential of photon-counting CT in radiotherapy planning
2. Evaluate how these innovation may reshape current radiotherapy workflows, from imaging to treatment delivery

Towards Simulation-Free Radiotherapy: Emerging Workflows and Clinical Impact (15 min)

Marco Fusella; Venice / Italy

1. Describe the principles and challenges of simulation CT-free workflows
2. Evaluate how these innovation may reshape current radiotherapy workflows, from imaging to treatment delivery

Maskless Radiotherapy: Redefining Patient Comfort and Precision (15 min)

Marion Essers; Tilburg / Netherlands

1. Discuss the rationale and clinical implementation of maskless treatments
2. Evaluate how these innovation may reshape current radiotherapy workflows, from imaging to treatment delivery

Panel Discussion (10 min)

HW Ui 11 - Interventional ultrasound: guided biopsy and fine needle aspiration (FNA) techniques

Categories: Abdominal Viscera, Breast, General Radiology, Interventional Radiology, Musculoskeletal

ETC Level: LEVEL I+II

Date: March 5, 2026 | 16:30 - 18:00 CET

Introduction: tips and tricks (25 min)

1. To learn about the basic principles of performing an ultrasound guided biopsy and fine needle aspiration (FNA).
2. To become familiar with the types of biopsy needles and needle size for FNA.
3. To understand the different techniques of FNA and how to spread and prepare slides.
4. To learn about the potential pitfalls to avoid.

Hands-on demonstration (65 min)

Demonstrators

Workshop assistant

ESR/EORTC - Holistic evaluation of cancer patients: influence of non-cancer-related factors

Categories: Hybrid Imaging, Multidisciplinary, Nuclear Medicine, Oncologic Imaging, Research

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 18:00 CET

Chairperson's introduction (2 min)

Geriatric oncology: moving the needle towards precision oncology for older adults with cancer (20 min)

1. To learn about the challenges of managing cancer in older adults.
2. To appreciate the benefits of comprehensive geriatric assessment for older adults with cancer.
3. To understand the importance of broader multidisciplinary care input for older adults with cancer.

Impact of body composition on survival in pancreatic cancer (20 min)

1. To learn about how body composition is currently assessed and the role of imaging.
2. To appreciate the difficulties in body composition assessments and the need for robust objective measures.
3. To understand the impact of body composition on treatment strategies in pancreatic cancer.

Opportunistic evaluation of body composition in cancer patients: association with therapy-related toxicity (20 min)

1. To learn about how body composition is currently assessed in cancer patients and the role of imaging.
2. To appreciate the effects of treatment toxicity on body composition.
3. To understand the impact of treatment-related toxicity on patient outcome as a result of altered body composition.

Beyond cancer: alternative role of PET/CT in oncology (20 min)

1. To learn about how PET/CT is currently used in oncological patients beyond cancer therapy.
2. To appreciate the strengths and limitations of PET/CT in treatment-induced body modifications.
3. To understand how we should incorporate PET/CT assessments reporting findings beyond cancer in oncology.

Panel discussion (8 min)

ESR EDI - EDI and meritocracy: marriage made in heaven or divorce waiting to happen?

Categories: Management/Leadership, Professional Issues

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 18:00 CET

Chairperson's introduction (8 min)

Meritocracy in a workplace (20 min)

1. To understand the advantages and disadvantages of meritocracy.
2. To learn how meritocracy can exist in a team.

Opportunity vs merit: who came first? (20 min)

1. To understand how unequal access to resources can influence meritocracy.
2. To explore structural and contextual factors.
3. To encourage a more inclusive approach to merit.

Promoting meritocracy through mentoring and reverse mentoring (20 min)

1. To learn the differences between mentoring and reverse mentoring.
2. To appreciate the pros and cons of mentoring and reverse mentoring.
3. To understand how to set up a mentoring/reverse mentoring scheme.

Panel discussion: Can we merge DEI (diversity, equity, and inclusion) and MEI (merit, excellence, and intelligence)? (22 min)

EU 11 - Optimising radiation dose and practice in paediatric imaging

Categories: Artificial Intelligence, EuroSafe Imaging/Radiation Protection, Hybrid Imaging, Paediatric

ETC Level: LEVEL II

Date: March 5, 2026 | 16:30 - 18:00 CET

Chairperson's introduction (5 min)

Optimisation of CT imaging in children (15 min)

1. To understand the rationale for optimising CT in children.
2. To learn the technical strategies for dose reduction.
3. To understand the role of dedicated diagnostic reference levels, dose management systems and regular auditing.

Implementing evidence-based clinical decision support systems for paediatric imaging (15 min)

1. To understand the rationale for using clinical decision support systems in paediatric imaging.
2. To appreciate implementation strategies and the associated technical and human challenges.
3. To learn about the results observed so far in terms of improved justification and adherence to guidelines.

AI-driven optimisation in paediatric imaging (15 min)

1. To learn about the most relevant AI-based tools available for reducing and evaluating dose exposure.
2. To appreciate the technical and ethical challenges in developing and using these tools.
3. To understand future directions of AI-driven optimisation in paediatric imaging.

Advances in hybrid imaging protocols for paediatric oncology (15 min)

1. To explain the modalities and most frequent indications for hybrid imaging in children with cancer.
2. To appreciate the strategies to optimise hybrid imaging protocols in paediatric patients.
3. To understand recent advancements and specific considerations for hybrid imaging in children.

Updated guidelines and communication strategies for radiation exposure in paediatric imaging (15 min)

1. To learn about the latest international and European guidelines on radiation protection in paediatric imaging.
2. To appreciate the importance of using age and weight-specific imaging protocols, paediatric-dedicated equipment, and a child-friendly environment.
3. To understand how to communicate effectively with parents and caregivers about radiation risk in a way that builds trust and supports informed decision-making.

Panel discussion: Optimisation of imaging in children: what does the future hold? (10 min)

RC 1103 - Pathology in and around the heart: from outside to inside

Categories: Cardiac, Chest, Imaging Methods, Vascular

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Imaging in pulmonary hypertension (PH) (15 min)

1. To outline the challenges for imaging in PH.
2. To outline the role of CT/MR imaging in the current PH guidelines.
3. To discuss CT/MR imaging features predicting PH.

Imaging in pericardial disease (15 min)

1. To discuss the different imaging modalities used to investigate pericardial disease with their strengths and limitations.
2. To describe typical image features of different pericardial diseases.
3. To outline the use of MRI and CT in the diagnostic work-up of constrictive pericarditis.

Diagnosis vs prognosis: modern non-invasive imaging of the myocardium (15 min)

1. To understand the role of MR in imaging the myocardium.
2. To describe the emerging role of MR in the differential diagnosis of myocardial pathologies.
3. To outline MR's role in diagnosing cardiac diseases and predicting patient outcomes.

Panel discussion: How can we use different imaging techniques best to assess disease in and around the heart? (10 min)

ESR eHealth 11 - Privacy preservation for artificial intelligence (AI) applications

Categories: Artificial Intelligence, Imaging Informatics, Management/Leadership, Medico-legal, Professional Issues

ETC Level: LEVEL III

Date: March 5, 2026 | 16:30 - 17:30 CET

In this session, we will discuss how to safely anonymise e.g. DICOM data, remove identifiable patient characteristics from image data (e.g. de-facing). The session will provide an overview on data security issues, cyberattacks, and privacy issues in large imaging biobanks.

Chairperson's introduction (5 min)

DICOM anonymisation and cybersecurity: ongoing issues and current state of the art (15 min)

Privacy preservation in synthetic data generation (15 min)

Playing by the rules: GDPR, AI Act and beyond (15 min)

Panel discussion: Is patient data safe in the age of AI? (10 min)

NH 11 - Technological and clinical breakthroughs in imaging

Categories: Imaging Methods, Multidisciplinary, Professional Issues

ETC Level: LEVEL III

Date: March 5, 2026 | 16:30 - 18:00 CET

The session aims to highlight technological advances that may influence the development of point-of-care imaging in developed and developing countries. We want to understand the clinical impact and the opportunities for better imaging delivery due to specific technological breakthroughs. The session will also address the potential benefits of these breakthroughs regarding sustainability.

Chairpersons' introduction (5 min)

Benefits of carbon nanotubes x-ray multisource stationary systems (18 min)

Revolutionary digital 3D tomosynthesis imaging with the versatility and convenience of x-ray (18 min)

Portable low-field MRI units: are they ready for primetime? (18 min)

Are hand-held ultrasound machines game changers for point of care? (18 min)

Panel discussion: Is point-of-care imaging a reachable goal, and is sustainability a potential bottleneck? (13 min)

ESR Education 11 - Radiology research training: cultivating the next generation of investigators

Categories: Professional Issues, Research

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 18:00 CET

Chairperson's introduction (5 min)

From clinical curiosity to research question: where do I start? (15 min)

1. To learn how to translate clinical observations into clear, structured, and researchable questions.
2. To recognise the importance of curiosity and critical thinking in identifying relevant research gaps.
3. To understand the foundational steps in formulating a feasible and impactful research hypothesis.

Building skills and finding support: what every young researcher should know (15 min)

1. To learn the basic research skills needed to get started.
2. To understand how mentorship, collaboration and institutional support can accelerate research growth.
3. To explore practical tips for finding resources, securing funding and building a professional research network.

Balancing residency and research: the resident's perspective (10 min)

1. To learn practical strategies for effectively integrating research activities within the demands of residency training.
2. To recognise common challenges faced when balancing clinical responsibilities with research commitments.
3. To identify key factors contributing to clinical training and research development success.

The perspective of an emerging radiology researcher (10 min)

1. To learn about common challenges faced when building a career in radiology research.
2. To appreciate the evolving impact of technology, interdisciplinary collaboration and funding opportunities on research development.
3. To understand key strategies for establishing and maintaining a sustainable academic research path.

Panel discussion: How do we inspire and empower the next generation of radiology researchers? (35 min)

ISRRT/EFRS - The role of radiographers with clinical use of artificial intelligence (AI)

Categories: Artificial Intelligence, Radiographers
Date: March 5, 2026 | 16:30 - 17:30 CET

Chairpersons' introduction (3 min)

How to ensure effective access to AI for radiographers? (12 min)

1. To understand the critical role radiographers play in the adoption and use of artificial intelligence (AI) across diagnostic imaging, radiotherapy, and nuclear medicine.
2. To explore the educational, infrastructural, and regulatory enablers required to ensure equitable and effective access to AI tools in radiographic practice.
3. To identify best practices and collaborative strategies that promote radiographer involvement in AI development, integration, and clinical governance.

Implementation of AI in clinical use: challenges and results (12 min)

1. To learn about key areas where artificial intelligence (AI) has been implemented in clinical radiography practice, and the outcomes observed.
2. To appreciate the practical challenges - including ethical, regulatory, technical, and workflow-related issues - faced during AI adoption in real-world clinical settings.
3. To understand the critical success factors and lessons learned from global case studies in AI implementation, especially from the perspective of radiographers and technologists.

Overview of international radiographer workforce challenges (12 min)

1. To learn about the global healthcare workforce challenge and the radiographer shortage.
2. To appreciate the result of the ISRRT survey of the WHO's strategy on human resources for health: workforce 2030.
3. To understand education gaps in radiography training worldwide and propose solutions.

Innovative opportunities to support rising demands for the radiographer workforce (12 min)

1. To understand the growing clinical and operational pressures on radiology services, and how radiographers can contribute to sustainable solutions.
2. To explore innovative models of care, technological advancements, and role development opportunities that support efficiency, access, and quality in radiology.
3. To evaluate the importance of interdisciplinary collaboration and continuous professional development in addressing workforce capacity and rising service demands.

Panel discussion: What can be the future for radiographers with AI? (9 min)

OF 11R - Radiographers' research in MRI

Categories: Radiographers, Research, Students
Date: March 5, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (5 min)

Low-field magnetic resonance imaging for musculoskeletal investigations (12 min)

1. To explain the principles and advantages of low-field MRI technology in musculoskeletal imaging.
2. To identify key applications and limitations of low-field MRI for diagnosing musculoskeletal conditions.
3. To assess the potential research developments and clinical implications of low-field MRI in enhancing musculoskeletal diagnostic workflows.

Towards more efficient breast cancer diagnosis by combining ultrafast MRI, clinical data and artificial intelligence (12 min)

1. To understand the principles and benefits of ultrafast breast MRI in improving diagnostic speed and patient comfort.
2. To recognise the potential of integrating clinical data and AI to enhance diagnostic accuracy and streamline breast cancer workflows.
3. To identify the radiographer's role in implementing and supporting AI-enhanced imaging protocols, ensuring quality, efficiency, and patient-centred care.

Effect of temporal resolution in resting-state functional MRI fingerprinting (12 min)

1. To understand what resting-state fMRI fingerprinting is and how it identifies individuals based on brain activity.
2. To learn how changing the temporal resolution affects the results of fMRI fingerprinting.
3. To see why this matters for improving personalised brain research and clinical use.

Open forum discussion (19 min)

E³ 1118 - Chest: lung and mediastinum

Categories: Chest, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 18:00 CET

The aim of the session is to understand the importance of radiologic-pathologic correlation in Interstitial lung disease. Attendees should be aware of the importance of radiologic-pathologic correlation in lung cancer and understand the importance of radiologic-pathologic correlation in thymic lesions.

Chairperson's introduction (3 min)

Interstitial lung disease (25 min)

Lung cancer (25 min)

Benign and malignant thymic lesions (25 min)

Challenging case presentation by the moderator and discussed by the tandems (12 min)

ESR Undergraduate 11 - Voices of the future: a real talk on choosing radiology

Categories: Education

ETC Level: LEVEL I

Date: March 5, 2026 | 16:30 - 17:30 CET

The session is organised as an interactive panel discussion with audience participation. Several topics and issues will be discussed, including the role of AI in the future of radiology, the number one reason why students hesitate to enter radiology, the one thing ESR offers that no medical student should miss, and the biggest misconception one encounters among medical students interested in radiology. Furthermore, the panel will address the following questions: how much does subspecialisation matter early on in radiology training, can radiologists still lead patient care, and should medical students start engaging with the ESR content as early as in the first year?

Chairperson's introduction (5 min)

Discussion (55 min)

ESOR - Shaping the future of radiology: radiologists shaping the future

Categories: Education, Management/Leadership, Professional Issues, Research

ETC Level: ALL LEVELS

Date: March 5, 2026 | 16:30 - 18:30 CET

In 2026, the European School of Radiology (ESOR) marks a major milestone—20 years of and in action to harmonise education without borders across Europe and beyond, 20 years of supporting young radiologists, 20 years of connecting people and creating the precious ESOR community! Join us at this special session to celebrate ESOR's journey, achievements, and future!
After looking back while summarising the last 20 years making ESOR bigger, brighter and stronger, this session will turn towards the future, and several speakers who have shaped and are shaping the future of radiology will share their experience, thoughts and visions. In different presentations, the close and inseparable connection between education and leadership for a bright and shaped future of radiology will be discussed from different aspects and viewpoints. Based on the knowledge and experience gained in the past, educational models need to be continuously changed and adapted to the needs of changing environments and challenges. A new generation of educators, teachers and leaders has to improve their soft skills, AI knowledge, and should think globally. And there will be more exciting talks by luminaries from ESR, who have been part of ESOR since years/decades. Another highlight will be to hear the voices of ESOR – ESOR scholars and fellows from the early years, who will present their journeys from scholars to leaders.
Finally, already representing a tradition, this session will be the opportunity to give award certificates to the young colleagues who have been awarded with an ESOR scholarship or fellowship this year.

Chairpersons' introduction (2 min)

ESOR: 20 years stronger! (12 min)

More to come: ESOR in action 2026 and above (8 min)

Education without borders: building models for tomorrow, learning from the past (12 min)

Pioneering leadership in radiology (12 min)

Soft skills, AI, and globalisation: empowering a new generation of radiology leaders and teachers (12 min)

Extending the rays of knowledge (12 min)

The voices of ESOR: from scholar to leader (20 min)

Best speaker and rising star awards (5 min)

Award of the certificate of appreciation to ESOR reference centre (5 min)

Award of certificates of completion to ESOR scholars and fellows of 2025 (20 min)

IF 11 - The art of ethical AI: redefining performance in radiology

Categories: Artificial Intelligence, General Radiology, Medico-legal, Professional Issues, Research

ETC Level: ALL LEVELS

Date: March 5, 2026 | 16:30 - 18:00 CET

While some freedom is needed in the art of healthcare, there is also a need to have a conceptual framework regarding how AI can safely be used in clinical practice to both benefit the patients and maintaining patient safety. This session will explore the relevant regulatory frameworks and discuss how AI can be used safely and within ethical standards according to its intended use.

Chairperson's introduction (5 min)

Creating the framework: the EU AI act (20 min)

Keeping track: post-market surveillance (20 min)

How to lose staff and alienate patients - what happens when we ignore human factors in an AI-driven world? (20 min)

Panel discussion: How can regulations ensure ethical and responsible use of AI? (25 min)

EIBIR 11 - Cancer Image Europe: a pan-European federated infrastructure for cancer images

Categories: Artificial Intelligence, Oncologic Imaging, Professional Issues, Research

ETC Level: LEVEL I+II

Date: March 5, 2026 | 16:30 - 18:00 CET

Chairperson's introduction (10 min)

Cancer Image Europe: general overview and milestones (15 min)

1. To learn about the EUCAIM project and the Cancer Image Europe platform for cancer imaging and AI development.
2. To understand the current volume and diversity of cancer imaging datasets and AI tools available through the platform.
3. To explore how the Cancer Image Europe platform enables the development, validation, and benchmarking of AI tools for precision medicine.

Key achievements on large, high-quality data findability and accessibility (15 min)

1. To learn about the EUCAIM project and the Cancer Image Europe platform for cancer imaging and AI development.
2. To understand the current volume and diversity of cancer imaging datasets and AI tools available through the platform.
3. To explore how the Cancer Image Europe platform enables the development, validation, and benchmarking of AI tools for precision medicine.

Key achievements on data holders, providers and users: EUCAIM linking European hospitals (15 min)

1. To learn how many hospitals and research institutions are actively contributing data, and the types of imaging and associated data being shared.
2. To appreciate the conditions and benefits of contributing to or accessing data within the Cancer Image Europe infrastructure.
3. To explore the diversity of data providers and users, and how the platform supports academic research, clinical AI development and validation.

The future of Cancer Image Europe: key achievements towards EDIC (15 min)

1. To learn about the future of AI-driven cancer imaging and data interoperability, and how these efforts align with the European Health Data Space and Europe's AI strategy.
2. To understand the key components of EUCAIM’s sustainability strategy.
3. To explore EUCAIM's pathway toward becoming a European Digital Infrastructure Consortium (EDIC).

Discussion (20 min)

How 11 - How we integrate teleradiology into modern radiology service delivery

Categories: Education, General Radiology, Imaging Informatics, Professional Issues

ETC Level: LEVEL I+II

Date: March 5, 2026 | 16:30 - 17:30 CET

Chairperson's introduction (4 min)

Teleradiology: good or bad? Standards for service delivery (13 min)

1. To review the advantages and disadvantages of teleradiology.
2. To explain the standards under which teleradiology should be delivered.
3. To consider the risks if such standards are not adhered to.

Teleradiology across borders: commercial and organisational considerations (13 min)

1. To explain the mechanics of delivering teleradiological services across borders.
2. To review how best to maintain uniformity in standards among a widely dispersed workforce.
3. To discuss how to facilitate clinical interaction between remote radiologists and referrers.

Teleradiology: cybersecurity and EU legislation (13 min)

1. To explain the risks of breaching patient confidentiality in a teleradiological environment.
2. To review how best to mitigate these risks and maintain safety.
3. To learn the role of EU legislation in patient protection in teleradiology.

Open forum discussion: Is teleradiology the death-knell for radiologists as recognised clinical doctors? (17 min)

E³ 1121 - Central and peripheral vascular accesses: what the radiologist should know

Categories: Imaging Methods, Interventional Radiology
ETC Level: LEVEL I+II
Date: March 5, 2026 | 16:30 - 18:00 CET

Peripheral and central venous accesses (45 min)
1. To explain how to recognise the different venous accesses and how to use them safely.

Risks, complications and treatments (45 min)
1. To illustrate the most frequent complications and the suggested treatments.

MS 11 - A case-based clinico-radiological approach to hearing loss

Categories: Head and Neck, Imaging Methods, Multidisciplinary, Neuro

ETC Level: LEVEL II+III

Date: March 5, 2026 | 16:30 - 18:00 CET

In this case-based and interactive session, two teams of otologists and radiologists will discuss approaches to imaging patients with hearing loss. The key clinical information required to inform on imaging pathways and considerations will be presented, whilst the most important diagnostic considerations and imaging features to report in each clinical scenario will be emphasised.

Chairperson's introduction (5 min)

Hearing loss: clinico-radiology case-based presentations (part I) (35 min)

Hearing loss: clinico-radiology case-based presentations (part II) (35 min)

Imaging of hearing loss round table discussion: questions from the audience (15 min)

IIQ - Radiology Jeopardy!

Categories: Head and Neck, Musculoskeletal
ETC Level: LEVEL II+III
Date: March 5, 2026 | 16:30 - 18:00 CET

Introduction

Radiology Jeopardy!

Team 1

Team 2

How 12 - How we perform and interpret contrast-enhanced ultrasound (CEUS) of superficial organs in daily practice

Categories: Breast, Contrast Media, General Radiology, Genitourinary, Head and Neck, Imaging Methods, President's Choice

ETC Level: LEVEL I+II

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (2 min)

Fundamentals of CEUS in superficial organs (5 min)

1. To understand the principles of microbubble contrast agents and the different phases of contrast enhancement.
2. To learn how to adequately administer contrast agents, how to adjust machine settings, and how to evaluate CEUS image quality.
3. To become familiar with the most common CEUS artefacts and how to distinguish them from tissue enhancement.

CEUS in thyroid and parathyroid glands (15 min)

1. To understand the indications for CEUS in thyroid nodules and parathyroid glands.
2. To become familiar with the characteristic CEUS aspect of benign and malignant thyroid nodules using a case-based approach and CEUS applications for guiding therapeutic decisions (ablation planning and follow-up).
3. To gain knowledge about CEUS applications in the differential diagnosis of parathyroid lesions and guidance of therapeutic decisions.

CEUS in breast lesions (15 min)

1. To understand the indications for CEUS in breast lesions.
2. To become familiar with the characteristic CEUS aspect of benign and malignant breast lesions using a case-based approach.
3. To learn how CEUS can be used to assess disease extent and evaluate treatment response.

CEUS in testicular lesions (15 min)

1. To understand the indications for CEUS in testicular lesions.
2. To become familiar with the characteristic CEUS aspect of benign and malignant testicular lesions using a case-based approach.
3 To learn how CEUS can be used in the assessment of vascular disorders, trauma and infections.

Open forum discussion (8 min)

EDiR 12 - EDiR in the spotlight: shining a light on emergency radiology cases. Win an EDiR examination place!

Categories: Education, Professional Issues, Students

ETC Level: LEVEL II

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

EDiR simulation (50 min)

1. To engage in an immersive EDiR experience featuring multiple response questions, short cases, and clinically oriented reasoning evaluation (CORE). Cases are tailored to emergency radiology, mirroring the format of an actual exam.
2. To analyse and solve both theoretical and hands-on cases.
3. To familiarise yourself with the clue patterns embedded in EDiR questions to enhance your ability to answer effectively.
4. To explore and tackle the most challenging cases presented in this simulation, gaining valuable insights into complex diagnostic scenarios.
5. To master emergency radiology fundamentals and deepen your understanding of the subspecialty.
6. To learn about the key educational tools tailored for EDiR preparation and optimise your study approach to ensure success.

*Please note that there can only be one winner per session.

Pooling of conclusions and perceptions (5 min)

1. To jointly summarise and review what we have learned at today's session.

ESR/EFSUMB - The practical value of ultrasound in emergency

Categories: Emergency Imaging, General Radiology, Interventional Radiology, Musculoskeletal, Paediatric

ETC Level: LEVEL II+III

Date: March 6, 2026 | 08:00 - 09:00 CET

This is an interdisciplinary session between the ESR and the EFSUMB that gives an overview of the current methods, trends, and future innovations in the ultrasound field in emergencies. Paediatric patients will be discussed in detail, CEUS and CT strategies will be addressed, and MSK emergencies will be addressed.

Chairpersons' introduction (4 min)

Emergency ultrasound with contrast in paediatric trauma cases (13 min)

Conditional CT strategy in the abdomen in emergency department (13 min)

Managing emergency MSK: how to aspirate a joint? (13 min)

Panel discussion: The practical value of ultrasound in emergency (4 min)

Contrast-enhanced ultrasound in trauma: patient follow-up (13 min)

RC 1204 - Masterclass in assessing treatment response in lung cancer therapy

Categories: Chest, Oncologic Imaging
ETC Level: LEVEL II
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (6 min)

Assessment of recurrence patterns post lung cancer surgery (18 min)

1. To show the normal appearance after lung cancer surgery.
2. To present the frequency and recurrence patterns after lung cancer surgery.

Imaging after radiation therapy of lung cancer: a guide for radiologists (18 min)

1. To show the normal findings after radiation therapy.
2. To describe delayed complications of radiation therapy.
3. To give the clues to diagnose recurrence after radiation therapy.

Response assessment post immunotherapy for non-small cell lung cancer (18 min)

1. To review the response criteria in lung cancer treated with immunotherapy.
2. To describe the limitations in assessing response after immunotherapy.

E³ 22D - Elbow and wrist in sports

Categories: General Radiology, Imaging Methods, Musculoskeletal, Radiographers
ETC Level: LEVEL II
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Plain radiographs in the emergencies (25 min)

1. To learn the injury mechanism and radiologic findings in acute elbow and wrist injuries.
2. To appreciate how to face the diagnosis and management of fractures and dislocations of the forearm with a plain film.
3. To understand the radiologist's role in the decision-making vs follow-up with other imaging modalities.

MRI of overuse injuries (25 min)

1. To understand the elbow and wrist anatomical structures relevant to overuse injuries.
2. To recognise common overuse injuries of the elbow and wrist in sports.
3. To describe MRI findings of overuse injuries of the elbow and wrist bones, tendons and ligaments.

Panel discussion (5 min)

MD 12 - Cystic pancreatic tumours: new developments in imaging and treatment - recommendations for clinical practice and directions for the future

Categories: Abdominal Viscera, GI Tract, Multidisciplinary, Oncologic Imaging, Research
ETC Level: ALL LEVELS
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the treatment of cystic pancreatic tumours.
2. To critically review recent developments in imaging and put this in perspective with the treatment developments.
3. To provide recommendations for clinical practice and directions for future research.

The surgeon's perspective (8 min)

The pathologist's perspective (8 min)

The radiologist's perspective (8 min)

Expert panel discussion (34 min)

RC 1212 - Imaging complications of prematurity: bronchopulmonary dysplasia (BPD), intraventricular haemorrhage (IVH) and periventricular leukomalacia (PVL), necrotising enterocolitis (NEC)

Categories: Abdominal Viscera, Chest, Neuro, Paediatric

ETC Level: LEVEL II

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Lungs bronchopulmonary dysplasia (BPD) (15 min)

1. To describe and understand the pathophysiology of BPD.
2. To list the imaging patterns of BPD development.
3. To discuss the role of different imaging techniques in BPD.

Cerebral IVH, PVL (15 min)

1. To learn about the mechanisms of injury in IVH and PVL.
2. To describe how IVH and PVL can be diagnosed in neonates and young children.
3. To show how accurate detection and staging are clinically relevant.

Abdominal complications (15 min)

1. To illustrate the radiological signs, with emphasis on radiographs and ultrasound.
2. To list the most common complications of prematurity in the abdomen.
3. To show examples of imaging findings important for clinical management.

Panel discussion: How can imaging guide clinical management? (10 min)

RC 1214 - Ethics and integrity in radiography: urgent questions for contemporary practice

Categories: Professional Issues, Radiographers
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairpersons' introduction (5 min)

Back to the basics in radiography ethics (10 min)

1. To define the core ethical principles (autonomy, beneficence, non-maleficence, and justice) as they apply to radiographic practice.
2. To recognise common ethical dilemmas in radiography and identify appropriate professional responses.
3. To reinforce the importance of patient consent, confidentiality, and professional integrity in daily imaging procedures.

Demands versus ethics: impacts of pressure on radiographers' clinical work (10 min)

1. To recognise how time and workload pressures can challenge ethical decision-making in radiography practice.
2. To identify common ethical dilemmas radiographers face when balancing efficiency with patient-centred care.
3. To explore practical strategies to uphold ethical standards under clinical and organisational pressures.

The impact of generative AI on our evidence-base (10 min)

1. To understand how generative AI tools are influencing the creation, interpretation, and dissemination of clinical evidence.
2. To identify potential risks to evidence integrity, including misinformation, bias, and lack of transparency in AI-generated content.
3. To explore strategies for critically appraising AI-influenced sources to maintain a trustworthy and ethical evidence base.

Quo vadis on ethics in radiography education, practice and research (10 min)

1. To identify key ethical principles in radiography by recognising and understanding patient confidentiality, informed consent, and professional integrity
2. To evaluate the ethical challenges in radiography education and practice, analysing real-world ethical dilemmas such as balancing patient care with technological advancements.
3. To discuss the future of ethics in radiography research: explore emerging ethical issues in radiography research, such as the use of AI and data privacy.

Panel discussion: Pushing harder ethics in all domains of radiography (15 min)

ESR DAET 12 - Emerging contrast agents and radiotracers

Categories: Contrast Media, Hybrid Imaging, Imaging Methods, Nuclear Medicine, Translational Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairpersons' introduction (3 min)

High-relaxivity gadolinium-based contrast agents: when do these add value? (19 min)

1. To learn about currently available high-relaxivity GBCA.
2. To appreciate the benefits of HR-GBCA in daily practice.
3. To understand the indications for which there is added value.

Short-chain fatty acid metabolism (FPIA) PET imaging: bench to bedside (19 min)

1. To learn the development of short-chain fatty acid [18F]fluoropivalate (FPIA) PET imaging.
2. To appreciate the clinical potential for FPIA imaging of brain tumours (gliomas and metastatic tumours).
3. To understand future prospects for FPIA imaging and image-guided therapy (theranostics).

Seeing beyond structure: the clinical potential of metabolic MRI (19 min)

1. To learn about metabolic MRI techniques, including hyperpolarised ^{13}C MRI and deuterium metabolic imaging (DMI) and their potential applications in oncology, neurology, and other areas.
2. To appreciate the technical challenges in translating metabolic MRI from research into routine clinical use, including data acquisition, post-processing, and interpretation.
3. To understand the current clinical evidence supporting metabolic MRI, its advantages over conventional imaging methods.

OF 12Y - Lessons from experience: avoiding common pitfalls in radiology

Categories: Education, Evidence-Based Imaging, General Radiology, Management/Leadership, Professional Issues

ETC Level: ALL LEVELS

Date: March 6, 2026 | 08:00 - 09:00 CET

Radiology is full of nuance, and mistakes are part of the learning curve. But what if you could learn from the missteps of others before making them yourself? In this interactive session, senior experts share lessons from decades of practice - from misjudged findings to cognitive traps. This is your chance to reflect, recalibrate, and become a more mindful radiologist.

Chairpersons' introduction (5 min)

Been there, missed that: mistakes young radiologists still make (10 min)

Fast isn’t always smart: critical thinking in an automated age (10 min)

When you just don’t know: navigating uncertainty in radiology (10 min)

Open forum discussion: One mistake that changed everything (25 min)

BS 12 - Pearls and pitfalls in GU imaging: how do I do it?

Categories: Abdominal Viscera, Education, Genitourinary, Imaging Methods, Oncologic Imaging

ETC Level: LEVEL II

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Imaging of focal renal lesions: what do I need to know? (15 min)

1. To learn practical tips and tricks for evaluating focal renal lesions with conventional imaging.
2. To appreciate the added value of multiparametric MRI (mpMRI) in the assessment of renal masses.
3. To understand how to create actionable and structured reports, and their impact on clinical decision-making and patient management.

Characterisation of adnexal masses: the good, the bad and the ugly (15 min)

1. To learn imaging findings to discriminate between benign and malignant adnexal lesions.
2. To appreciate the added value of MRI complementary to US.
3. To understand the role of imaging in treatment planning.

Prostate MRI made easy: a practical guide for the beginners (15 min)

1. To learn how to interpret prostate MRI using PI-RADS, while recognising and avoiding common pitfalls.
2. To appreciate the role of MRI in the detection, localisation and staging of prostate cancer, and its impact on clinical decision-making.
3. To understand the critical importance of image quality in ensuring accurate interpretation and diagnosis.

Panel discussion: Pearls and pitfalls in GU imaging: how to write an actionable report? (10 min)

RC 1208 - Structured approach to skull base and temporal bone imaging

Categories: Head and Neck, Neuro

ETC Level: ALL LEVELS

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

A structured approach and report of the temporal bone CT (15 min)

1. To understand the complex anatomy of the temporal bone and its key structures visible on CT and learn a systematic, structured method to evaluate temporal bone CT images, starting with axial and coronal planes and including evaluation of pneumatisation, middle and inner ear structures, and critical neurovascular canals.
2. To recognise common surgically relevant anatomical variants on CT imaging.
3. To develop skills for clear, comprehensive CT reporting in different clinical settings.

Imaging of the post-operative skull base (15 min)

1. To understand the typical postoperative imaging appearances of skull base reconstructions following various surgical approaches, including open and endoscopic techniques.
2. To identify and distinguish normal reconstructive tissues from recurrent or re

Imaging of pulsatile tinnitus (15 min)

1. To understand the pathophysiology and clinical significance of pulsatile tinnitus and its relationship to vascular and temporal bone abnormalities.
2. To learn the imaging modalities and protocols best suited for evaluating patients with pulsatile tinnitus, emphasising CT and MRI techniques.
3. To identify common and less common causes of pulsatile tinnitus on imaging.
4. To develop a systematic approach to image interpretation to guide diagnosis and clinical management of pulsatile tinnitus.

Panel discussion: Tips and pitfalls in skull base and temporal bone imaging. What I wish someone had told me (10 min)

E³ 1226 - Long axial field of view (LAFOV) PET: fast and furious advances in molecular imaging technology and their clinical impact

Categories: Hybrid Imaging, Imaging Methods, Molecular Imaging, Nuclear Medicine, Physics in Medical Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 08:00 - 09:00 CET

Long axial field of view (LAFOV) PET/CT is redefining imaging by combining ultrafast whole-body capture with high precision through innovation in detector sensitivity, axial resolution, and real-time data processing. This enables unprecedented imaging accuracy and diagnostic speed. Patient-friendly protocols are feasible in high-throughput clinical settings, reducing imaging time without a compromise in diagnostic quality. Novel opportunities, ranging from ultra-short dynamic imaging studies to same-day multi-tracer imaging, are designed to enhance diagnostic insight and operational efficiency, and may be potentially applied in future in everyday practice for comprehensive and rapid patient assessments.

Chairpersons' introduction (5 min)

Technological innovations in LAFOV PET: expanding the axial field for enhanced precision (15 min)

Current clinical practices with LAFOV PET: optimising protocols for flexibility and efficiency (15 min)

The future of clinical imaging with LAFOV PET: emerging protocols and new frontiers (15 min)

Panel discussion: Taking off into the future (10 min)

EIBALL 12 - Quantitative imaging in metabolic dysfunction-associated steatohepatitis (MASH)

Categories: Abdominal Viscera

ETC Level: LEVEL III

Date: March 6, 2026 | 08:00 - 09:00 CET

Chairpersons' introduction (5 min)

Quantitative imaging biomarkers in MASH: from concept to clinical criteria (15 min)

1. To learn the principles behind quantitative imaging biomarkers and their potential role in assessing MASH.
2. To appreciate how imaging biomarkers can support diagnostic confidence and clinical decision-making in MASH.
3. To understand the criteria and challenges for validating imaging biomarkers as surrogate endpoints in clinical trials and routine care.

Monitoring MASH progression and treatment response with quantitative imaging (15 min)

1. To learn about imaging techniques currently used to quantify liver fat, inflammation, and fibrosis in MASH.
2. To appreciate the strengths and limitations of quantitative imaging for monitoring disease evolution and therapeutic response.
3. To understand how imaging biomarkers can complement or replace biopsy in longitudinal assessment of MASH.

Quality, standardisation, and best practices in quantitative ultrasound imaging for MASH (15 min)

1. To learn the importance of quality assurance and quality control (QA/QC) in quantitative liver imaging.
2. To appreciate the parallels between standardisation in imaging and laboratory-based diagnostics.
3. To understand current initiatives and frameworks for ensuring reproducibility and cross-centre consistency in quantitative imaging measurements.

Panel discussion: What are the barriers to implementing quantitative imaging in MASH? (10 min)

RC 1203 - Approaching the aorta as an organ

Categories: Cardiac, Contrast Media, Imaging Methods, Vascular
ETC Level: LEVEL I+II
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Standardised aortic imaging and assessment (15 min)

1. To describe appropriate approaches for aortic imaging.
2. To describe standardised post-processing and measurement approaches.
3. To describe methods to minimise inter-reader & inter-study variability.

Reporting and communication of aortic imaging (15 min)

1. To describe the key aspects of every aortic imaging report.
2. To understand key elements of reports impacting patient management.
3. To know when and how to escalate report communication.

Heredetary aortopathies and postoperative changes (15 min)

1. To understand imaging approaches specific to the underlying aortopathy.
2. To learn and understand predictive findings in hereditary aortopathies.
3. To understand key elements of post-therapeutic imaging in continued surveillance.

Panel discussion: How to implement current guidelines on aortic imaging in clinical practice (10 min)

RC 1202 - Symptomatic breast imaging

Categories: Breast, Imaging Methods, Multidisciplinary
ETC Level: LEVEL I
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Imaging in the pregnant and breastfeeding patient: what do I do? (15 min)

1. To identify the safest and most effective imaging modalities during pregnancy and breastfeeding.
2. To review guidance for screening high-risk women during pregnancy and lactation.
3. To recognise the most common benign conditions and to distinguish them from pregnancy-related breast cancer.

How to navigate radiological/pathological discordance (15 min)

1. To recognise the causes of radiological/pathological discordance.
2. To understand the impact of discordance on patient outcomes.
3. To determine appropriate actions in radiologic/pathologic discordance cases, ensuring timely and accurate diagnosis while minimising unnecessary procedures.

Panel discussion: The diagnostic dilemma: navigating uncertainties in symptomatic breast cases (10 min)

RC 1201 - Bowel ischaemia: urgent or emergency?

Categories: Emergency Imaging, GI Tract, Vascular
ETC Level: LEVEL I+II
Date: March 6, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (3 min)

How to choose the right protocol? (15 min)

1. To describe the value of multiphase contrast-enhanced CT imaging.
2. To discuss the necessity of a true non-contrast phase.
3. To learn the optimal acquisition parameters and post-processing techniques.

Spectral-energy CT: should it always be included? (15 min)

1. To understand the basic physics principles underlying spectral CT imaging.
2. To analyse imaging protocols for bowel ischaemia using spectral CT.
3. To understand how to optimise and implement appropriate spectral CT protocols in daily practice.

Subtle and early signs of bowel ischaemia (15 min)

1. To understand the pathophysiology of mesenteric ischaemia and how this affects the CT findings.
2. To know the imaging differences between arterial, venous and non-occlusive ischaemia.
3. To learn the main signs of established bowel necrosis.

Panel discussion: How to determine if it is really urgent (12 min)

EFRS 12 - How to let your research gain impact

Categories: Education, Radiographers, Research

Date: March 6, 2026 | 08:30 - 09:30 CET

This session will explore how to maximise the visibility and impact of radiography research. Topics include how to present and position research effectively within the academic writing process, highlighting its clinical impact, and strategies for communicating findings to a wider audience beyond academia. Participants will gain practical tools to ensure their research reaches the right stakeholders and drives meaningful change in both practice and public understanding.

Moderators:

Helle Precht; Middelfart / Denmark

Moreno Zanardo; Milan / Italy

Chairperson's introduction (5 min)

Helle Precht; Middelfart / Denmark

Moreno Zanardo; Milan / Italy

How to sell your research in the academic writing process (12 min)

Karen Knapp; Newton Abbot / United Kingdom

1. Examples of how to write an article that captivates readers and clearly frames the study's purpose
2. What journal to choose for the specific paper?
3. Reflect on how to make the story of the paper clear and precise

Clinical impact (12 min)

Aurelija Blaževičienė; Kaunas / Lithuania

1. Relevant research questions and best research methods to gain clinical impact
2. Ensure collaboration with clinicians and patients
3. Reflect on best practice in regard to clinical impact

How to communicate to the wider audience about your research (12 min)

Nejc Mekis; Ljubljana / Slovenia

1. What happens after an article is published?
2. How to share new knowledge with your clinical colleagues
3. Where to tell and inform about your study?

Panel Discussion (19 min)

NM 13 - Maximising discoverability

Categories: Education, Research, Students

ETC Level: LEVEL I+II

Date: March 6, 2026 | 09:30 - 11:00 CET

This section begins with how to write a title that will catch the reader's attention when they are looking for articles online. We then discuss the importance of keywords and strategies for choosing ones that will increase your discoverability. Next, we discuss strategies for writing an impressive abstract to improve your impact and influence in the field. Finally, we review additional strategies that researchers can use to promote their research after publication.

Maximising discoverability (90 min)

MD 13a - European School of Radiology (ESOR) and multidisciplinary fellowships

Categories: Education, General Radiology, Multidisciplinary, Oncologic Imaging, Students

ETC Level: ALL LEVELS

Date: March 6, 2026 | 09:30 - 10:00 CET

During this session you will get useful information from renowned ESOR mentors about the ESOR Multidisciplinary Visiting Fellowship Programme which offers a duo of one radiologist and one surgeon, who already work together in a multidisciplinary team in their home institution, the opportunity to get to know in tandem the environment of another training centre abroad. During this two-week visit, the visiting team will be provided with a structured, modular introduction to specific topics in one of the pre-selected, highly esteemed academic training centres in Europe. The next application round will start in early February 2026. Please consult the ESOR website for more information.

Moderators (5 min)

Interviewees (25 min)

AR h13 - How to improve your head and neck cancer staging reports in practice

Categories: Head and Neck, Oncologic Imaging, Professional Issues

ETC Level: LEVEL I+II

Date: March 6, 2026 | 09:30 - 10:30 CET

Introduction (3 min)

Basic principles (7 min)

1. To learn how to structure head and neck cancer reports so that findings are easily extractable and clinically relevant.
2. To appreciate the importance of concise and clear language in improving communication and decision-making.
3. To understand how to tailor reports to specific head and neck cancer types, ensuring completeness without omissions.
4. To learn techniques for addressing uncertainty in imaging findings while minimising ambiguity and avoiding errors.

Cases review, interactive discussion and critiquing of reports (50 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

HW PC 13 - Communicating bad news to patients and families

Categories: Education, Professional Issues
ETC Level: LEVEL II+III
Date: March 6, 2026 | 09:30 - 11:00 CET

Introduction and warm-up (15 min)

Brainstorming session (10 min)

Mini lecture (10 min)

1. To understand the role of radiologists in communicating bad news.
2. To understand why communicating bad news is emotionally challenging for radiologists.
3. To understand the importance of good communication for patient's outcome.
4. To learn the SPIKES protocol to communicate bad news.

Simulation and debrief (45 min)

Lessons learned (10 min)

HW Uh 13 - Head and neck practical ultrasound

Categories: Head and Neck
ETC Level: ALL LEVELS
Date: March 6, 2026 | 09:30 - 11:00 CET

Introduction: ultrasound of the neck in 7 sweeps (30 min)

1. To gain a logical and systematic approach to neck ultrasound examination.
2. To understand the relevant anatomy.
3. To learn techniques to better visualise this region and how to avoid the pitfalls.

Hands-on demonstration (60 min)

Demonstrators

Workshop assistant

E³ 1321 - Post-mortem imaging: focus on undetected tumours

Categories: Forensic Imaging, Medico-legal, Oncologic Imaging
ETC Level: LEVEL III
Date: March 6, 2026 | 09:30 - 11:00 CET

Thoracic lesions (45 min)
1. To assess undetected tumours or additional predictive features in the thoracic area.

Abdominal lesions (45 min)
1. To assess undetected tumours or additional predictive features in the abdominal area.

PC 13b - The changing art of reporting chest radiographs, the beginning of the end?

Categories: Artificial Intelligence, Chest, Professional Issues, Radiographers

ETC Level: LEVEL II+III

Date: March 6, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (5 min)

Who reports chest radiographs across Europe? (20 min)

1. To learn how many chest radiographs are performed across Europe2. To understand who reports chest radiographs.3. To find out if any chest radiographs are unreported in Europe.

Who will be the expert teacher if radiologists are no longer the experts? (20 min)

1. To learn how radiologists, pulmonologists, and radiographers learn to read chest radiographs.2. To learn how one can test and how audits can help quality.3. To understand what one should expect from an "expert".

Chest radiograph reporting using AI by non-radiologists/radiographers (20 min)

1. To learn how AI affects the reporting of chest radiographs.
2. To learn how AI can improve our reporting.
3. To understand AI's pitfalls and how we can recognise them.

Panel discussion: How can we teach the younger generations to be confident in diagnosing of chest radiographs? (25 min)

E³ 1323 - Paediatric

Categories: Abdominal Viscera, Chest, GI Tract, Neuro, Paediatric
ETC Level: LEVEL I+II
Date: March 6, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (6 min)

Paediatric neuroimaging (28 min)

1. To become familiar with the normal development of the brain.
2. To learn about the most common congenital disorders of the brain.
3. To learn about the most common brain tumours in children.

Paediatric chest imaging (28 min)

1. To describe the normal development of the lung and mediastinum.
2. To explain the imaging features of congenital disorders of the lung and mediastinum.
3. To understand the imaging manifestations of respiratory distress and bronchopulmonary dysplasia in infants.
4. To describe the most common tumours of the chest in children.

Paediatric abdominal imaging (28 min)

1. To understand the imaging features of congenital disorders of the abdomen.
2. To describe the diagnostic evaluation and imaging presentation of the most common emergencies in children according to age.
3. To understand the imaging presentation of children's most common oncologic disorders of the abdomen.

NH 13 - New CT developments in oncologic imaging

Categories: Artificial Intelligence, Imaging Methods, Oncologic Imaging, Research

ETC Level: LEVEL II

Date: March 6, 2026 | 09:30 - 11:00 CET

This session will explore cutting-edge advancements in CT oncologic imaging. Experts will discuss the potential of photon-counting CT, the most reliable radiomic biomarkers, and the impact of artificial intelligence on conventional CT imaging. Attendees will gain a deeper understanding of how these innovations enhance precision in cancer imaging and patient care.

Chairperson's introduction (5 min)

Photon-counting CT in oncology (15 min)

CT perfusion in oncology: a new standard in cancer imaging (15 min)

CT radiomics in oncology: what are the most robust biomarkers? (15 min)

Artificial intelligence (AI) applications in conventional CT for oncologic imaging (15 min)

Panel discussion: Will CT evaluation keep its dominance in oncologic imaging? (25 min)

PC 13a - Implementing the European Cardiovascular Health (ECVH) Plan

Categories: Cardiac, Imaging Methods, Management/Leadership, Multidisciplinary, Professional Issues

ETC Level: LEVEL II

Date: March 6, 2026 | 09:30 - 11:00 CET

Chairpersons' introduction (5 min)

Policy framework and strategic objectives (25 min)

1. To learn how EU-level policy frameworks can be leveraged to promote cardiovascular disease prevention, structured early-diagnosis pathways, and truly patient-centred models of care.
2. To appreciate the synergies between cardiovascular strategies and broader European health initiatives and how these programmes can be mutually reinforcing.
3. To understand the key policy levers and implementation mechanisms that national health systems can adopt to translate EU strategic objectives into measurable improvements in cardiovascular outcomes.

Integration of radiology in the CVH plan: benefits and challenges (15 min)

1. To learn how radiology can contribute to the different aspects of the CVH plan.
2. To understand the different challenges for practical implementation.
3. To outline different possible solutions integrated in the current vision of ESR-ESCR for future collaboration.

Potential of imaging in prevention and early detection (15 min)

1. To understand the current practice and challenges in the prevention of CVD.
2. To learn about the potential value of imaging in the early detection of CVD.
3. To appreciate the gaps in knowledge regarding the implementation of imaging in this area.

Panel discussion: A multidisciplinary approach to tackling European Cardiovascular Health: how to proceed? (30 min)

BS 13 - Person-centred care in a business-oriented department

Categories: Management/Leadership, Radiographers

Date: March 6, 2026 | 09:30 - 10:30 CET

A dynamic session highlighting the risks of standardised (non-personalised) care pathways, the challenges of prioritising person-centred care in business-driven environments, and the evolving roles of hybrid imaging and multidisciplinary education in shaping personalised radiographic practice.

Chairperson's introduction (5 min)

Make society aware about the risks of non-personalised pathways in radiography (10 min)

Overcoming the challenges of person-centred care when the business comes first (10 min)

Training radiography students in a multidisciplinary environment (10 min)

The value of hybrid modalities for more adapted care (10 min)

Panel discussion: Challenges of the radiography profession in high-demand work contexts (15 min)

OF 13R - Innovations and perspectives in breast imaging

Categories: Breast, Radiographers

Date: March 6, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (5 min)

Clinical outlook: emerging trends in breast imaging (12 min)

1. To identify key technological advancements shaping the future of breast imaging (e.g., contrast-enhanced mammography, AI integration, ultra-fast MRI and tomosynthesis).
2. To understand how emerging imaging techniques are improving early detection, diagnosis, and personalised care in breast health.
3. To learn the interventional imaging evolutions that are available to improve patient outcomes.

The mammographer's perspective about personalised breast screening (12 min)

1. To understand the principles and benefits of personalised breast screening approaches.
2. To explore how mammographers adapt imaging techniques to individual patient risk profiles.
3. To recognise the challenges and opportunities of implementing personalised screening in clinical practice.

Cutting-edge techniques in advanced breast imaging modalities (12 min)

1. To identify the latest advancements in breast imaging technologies, including in the nuclear medicine domain.
2. To understand how these advanced modalities improve diagnostic accuracy and patient outcomes.
3. To explore the evolving role of radiographers in implementing and optimising cutting-edge imaging techniques.

Open forum discussion (19 min)

E³ 1318 - Abdomen: pancreas and colon

Categories: Abdominal Viscera, GI Tract, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 09:30 - 11:00 CET

The aim of the session is to understand the importance of radiologic-pathologic correlation in solid tumours of the pancreas and to be aware of the importance of radiologic-pathologic correlation in colorectal cancer.

Chairperson's introduction (5 min)

Solid tumours of the pancreas (35 min)

Colorectal cancer (35 min)

Challenging case presentation by the moderator and discussed by the tandems (15 min)

IF 13 - The radiologist as a performer: how AI supports the art of intervention

Categories: Artificial Intelligence, Interventional Oncologic Radiology, Interventional Radiology, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 6, 2026 | 09:30 - 11:00 CET

Interventional radiology – just like performance art – involves five basic elements: time, space, body, presence of the artist, i.e. radiologist, and the relation between the artist/radiologist and the public/patient. This session explores how AI already enhances interventional practice in radiology, providing new possibilities and optimising patient care.

Chairperson's introduction (5 min)

Augmented and virtual reality (20 min)

Robotics in IR (20 min)

AI for lesion tracking and navigation (20 min)

Panel discussion: How will AI enable IR to perform even more complex procedures? (25 min)

EIBIR 13 - Strengthening the screening of lung cancer in Europe: key achievements, lessons learned, and legacy of the SOLACE project

Categories: Oncologic Imaging, Professional Issues, Research

ETC Level: LEVEL I+II

Date: March 6, 2026 | 09:30 - 11:00 CET

Strengthening the screening of lung cancer in Europe (SOLACE) is a pioneering EU4Health project under Europe's Beating Cancer Plan. SOLACE has helped implement lung cancer screening programs across Europe, removing barriers to ensure access for all social and economic groups. This session offers attendees the chance to engage with experts from the SOLACE project, discussing key achievements, lessons learned, and innovative approaches in lung cancer screening across Europe.

Chairperson's introduction (3 min)

Key achievements and lessons learned of SOLACE (7 min)

Lung cancer screening pilots across Europe: data collection and preliminary results (10 min)

Chest LDCT acquisition and reporting: insights from SOLACE (10 min)

Improving female participation in LCS: key insights from SOLACE (10 min)

Reaching the unreached: strategies for recruiting hard-to-reach individuals in LCS (10 min)

Targeting higher-risk populations: insights from SOLACE (10 min)

Ensuring long-term impact: evaluation, sustainability, and training in LCS (10 min)

Panel discussion (20 min)

E³ 1319 - Ovarian-adnexal reporting and data system (O-RADS): what you need to know for clinical practice

Categories: Genitourinary, Oncologic Imaging

ETC Level: LEVEL I+II

Date: March 6, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (5 min)

US ovarian-adnexal reporting and data system (O-RADS) (20 min)

1. To learn about the key elements of classifying pelvic masses with US O-RADS.
2. To learn about key technical considerations for US O-RADS.
3. To appreciate the strengths and weaknesses of US O-RADS.

MRI ovarian-adnexal reporting and data system (O-RADS) (20 min)

1. To learn about the key elements of classifying pelvic masses with MRI O-RADS.
2. To learn about key technical considerations for MRI O-RADS.
3. To appreciate the strengths and weaknesses of MRI O-RADS.

Ovarian-adnexal reporting and data system (O-RADS): lessons learnt and the reality of practice (20 min)

1. To appreciate the key clinical considerations in the workup of women with a pelvic mass.
2. To learn how to combine US and MRI O-RADS in clinical practice.
3. To appreciate the challenges of using O-RADS in clinical practice.

Case-based panel discussion: learning from challenging cases (25 min)

Meets 13 - Switzerland's commitment to precision and innovation

Categories: Artificial Intelligence, Cardiac, Musculoskeletal, Neuro, Vascular

ETC Level: LEVEL II

Date: March 6, 2026 | 09:30 - 11:00 CET

Chairpersons' introduction: welcome to Switzerland (10 min)

Precision is key: cardiovascular imaging with the innovation photon-counting detector CT (15 min)

1. To review basic physical aspects of photon-counting detector CT technology.
2. To demonstrate how the various new options impact the diagnostic gain of cardiovascular CT imaging.
3. To illustrate the advances in imaging technology with clinical cases.

Interlude: Fondation Haute Horlogerie (15 min)

Innovation on musculoskeletal MRI: balance between efficiency and efficacy, where are the limits? (15 min)

1. To review the advantages and challenges of undersampling and non-undersampling strategies in MSK MR.
2. To know the most common limitations of AI-accelerated protocols in MSK MR.
3. To understand the benefits and the challenges of the integration of fast MR protocols in clinical routine.

Interlude: What on earth is CERN doing under Switzerland? A brief journey to the frontiers of physics and technology (15 min)

Connectomics: how brain MRI research has shifted the perspective of neurosciences (15 min)

1. To learn what connectomics is and how it can be measured.
2. To appreciate the impact on neuroscience.
3. To understand how connectomes are analysed.

Panel discussion: How is the Swiss Society of Radiology prepared for future challenges? (5 min)

RC 1311 - Pick up the phone in the neuroradiology reading room

Categories: Emergency Imaging, Head and Neck, Neuro, Vascular

ETC Level: LEVEL I+II

Date: March 6, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (2 min)

Neuro-opthalmological emergencies (12 min)

1. To identify important imaging signs that help detect serious neuro-ophthalmologic problems needing urgent treatment.
2. To know how to spot critical conditions like optic nerve damage, orbital apex issues, or space-occupying lesions.
3. To learn to tell the difference between real emergencies and look-alike findings that are not dangerous, to avoid unnecessary alarms and delays in care.

Brain cases with urgent findings in stroke and trauma (12 min)

1. To learn to catch the subtle signs of stroke or trauma on imaging, those small but important clues that can easily be missed in a busy emergency setting.
2. To learn how to look at brain images step by step to avoid mistakes in trauma and vascular cases.
3. To learn to identify urgent findings that need to be reported immediately because they can change treatment.

Don't miss lessons: infectious and inflammatory emergencies (12 min)

1. To learn to spot key imaging findings in brain infections and inflammation—think abscesses, encephalitis, and autoimmune flare-ups.
2. To differentiate imaging patterns of acute infectious and inflammatory diseases from neoplastic or ischemic processes in the emergency setting.
3. To recognise when something is on the scan means you need to call the clinical team immediately.

Radiological findings that can be omitted from the report to avoid confusion (12 min)

1. To identify imaging findings that are incidental or non-contributory in the emergency setting and may be omitted from the radiology report.
2. To learn how to apply criteria to distinguish clinically relevant abnormalities from anatomical variants and benign conditions.
3. To make your reports clear and helpful: Focus on what changes patient care, so your report helps the team make the right decisions quickly.

Panel discussion: Integrating neuroradiology into clinical decision-making in emergencies (10 min)

EFRS 13 - Advance Practice in Nuclear Medicine – what do these roles look like and why are they important?

Categories: Cardiac, Molecular Imaging, Nuclear Medicine, Professional Issues, Radiographers

Date: March 6, 2026 | 10:00 - 11:00 CET

This session will provide attendees with an opportunity to learn more about advance practice in Nuclear Medicine. There will be three short presentations, focusing on advance practice in cardiac stress testing for myocardial perfusion scintigraphy, DEXA reporting and molecular therapy /theranostics delivery. This session will also aim to explore the academic, professional and legislative requirements for establishing advance practice roles.

Moderators:

Ana Geão; Montijo / Portugal

Angelo Rafael Felgosa Cardoso; Münchenbuchsee / Switzerland

Chairperson's introduction (5 min)

Ana Geão; Montijo / Portugal

Angelo Rafael Felgosa Cardoso; Münchenbuchsee / Switzerland

Advancing Practice in Cardiac Nuclear Medicine (12 min)

Tristan Barnden; Maidstone / United Kingdom

1. To present advance practice on cardiac stress testing for myocardial perfusion scintigraphy.
2. To explore the academic, professional and legislative requirements.
3. To examine the importance of being an accredited advanced clinical practitioner in nuclear medicine

The Role of Radiographers in DEXA Reporting (12 min)

Ines Baeta; London / United Kingdom

1. To present advance practice in DEXA reporting.
2. To explore local departmental pathways for establishing a radiographer DEXA reporting service.
3. To appreciate the impact of radiographers/technologists reporting DEXA scans, on the clinical reporting backlog.

Delivering Molecular Therapies and Theranostics: Professional Roles, Partnerships, and Person-Centred Care (12 min)

Luisa Pereira; Maidstone / United Kingdom

1. To present advance practice in molecular therapy /theranostics delivery.
2. To examine the professional collaborations required within this setting.
3. To understand and appreciate the importance of integrating person-centred care when delivering molecular therapies /theranostics.

Panel discussion (19 min)

OF 13Y - Game on: navigating the EDiR CORE case resolution, win a spot for an EDiR simulation and webinar (part 2)

Categories: Education, Professional Issues, Students

ETC Level: LEVEL II

Date: March 6, 2026 | 10:00 - 10:30 CET

Chairpersons' introduction (5 min)

Let the games begin (20 min)

1. To scan and interpret two cases of musculoskeletal radiology and possible outcomes based on the attendees' decisions.
2. To get to know and team up with peers from all over the world to help as many patients as possible.
3. To solve the quiz to win an EDiR Simulation and Webinar. Please note that there can only be one winner per session.

Pooling of conclusions and perceptions (5 min)

ESR Sustainability 13 - Carbon footprint in the hospital lifecycle

Categories: Management/Leadership, Professional Issues, Sustainability

ETC Level: ALL LEVELS

Date: March 6, 2026 | 10:15 - 11:15 CET

In this session, the carbon footprint related to the radiology department will be presented from three different perspectives. An industry representative will outline the areas of concern and action being taken by our industry partners; a radiologist will provide a perspective on measuring and implementing practical actions in day to day practice and a radiology department manager will discuss the actions that can be taken at the management level, including actions to support change, as well as a focus on procurement.

Chairperson's introduction (5 min)

Sustainable procurement (10 min)

Radiologist's perspective. ESR green imaging department scheme: starting from nothing? (10 min)

Radiology manager's perspective on sustainable transformation (10 min)

Panel discussion: How can we work together to accelerate the carbon footprint of radiology? (25 min)

PL 2 - Whole Brain Living: The Anatomy of Choice and the Four Characters That Drive Our Life

Categories: Neuro, President's Choice
Date: March 6, 2026 | 11:15 - 12:00 CET

Introduction (2 min)
Minerva Becker; Geneva / Switzerland

Whole Brain Living: The Anatomy of Choice and the Four Characters That Drive Our Life (43 min)
Jill Bolte Taylor; Bloomington, IN / United States

MD 13b - Rectal cancer: new developments in organ preservation - updated recommendations for clinical practice and directions for the future

Categories: Abdominal Viscera, GI Tract, Multidisciplinary, Oncologic Imaging, Research
ETC Level: ALL LEVELS
Date: March 6, 2026 | 11:15 - 12:15 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the organ-preserving treatment of rectal cancer.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

The radiation oncologist's perspective (8 min)

The surgeon's perspective (8 min)

The radiologist's perspective (8 min)

Expert panel discussion (34 min)

HW PC 14 - Managing errors: communicating mistakes to colleagues and patients

Categories: Education, Professional Issues
ETC Level: LEVEL II+III
Date: March 6, 2026 | 12:00 - 13:30 CET

Introduction and warm-up (15 min)

Brainstorming session (10 min)

Mini lecture (10 min)

1. To learn the difference between adverse events and medical errors.
2. To learn some protocols on how to communicate medical errors to patients and families.
3. To appreciate the role of transparency, respect, accountability and kindness in communicating medical errors.
4. To appreciate the role of self-compassion, repairment and forgiveness in case of medical error.

Simulation and debrief (45 min)

Lessons learned (10 min)

HW Uh 14 - Head and neck practical ultrasound

Categories: Head and Neck
ETC Level: ALL LEVELS
Date: March 6, 2026 | 12:00 - 13:30 CET

Introduction: ultrasound of the neck in 7 sweeps (30 min)

1. To gain a logical and systematic approach to neck ultrasound examination.
2. To understand the relevant anatomy.
3. To learn techniques to better visualise this region and how to avoid the pitfalls.

Hands-on demonstration (60 min)

Demonstrators

Workshop assistant

EFRS 14 - Innovative Pedagogy in Radiography Education

Categories: Education, Professional Issues, Radiographers

Date: March 6, 2026 | 12:15 - 13:15 CET

This session will explore innovative approaches to strengthening radiography education through technology and pedagogy. Presentations will highlight the pedagogical potential of serious games, practical strategies on how to implement artificial intelligence in radiography education, and the benefits of simulation as a tool to enhance learning outcomes. Together, these talks will showcase how educational innovation can equip future radiographers with the skills, confidence, and adaptability required in modern healthcare.

Moderator:

Martijn Kamphuis; Haarlem / Netherlands

Chairperson's introduction (5 min)

Martijn Kamphuis; Haarlem / Netherlands

The Pedagogical Potential of Serious Games for Radiography Education (12 min)

Marie-Anaîs Petit; Geneve / Switzerland

1. Explore how serious gaming has been applied in radiography education worldwide and what lessons we can take into our own teaching.
2. Compare different serious gaming approaches and discuss which best support learning outcomes in your context.
3. Explore how serious gaming can be implemented in your curriculum and assessments.

How to implement Artificial Intelligence in Radiography Education (12 min)

Sonyia Lorraine Mcfadden; Belfast / United Kingdom

1. Understand the role of AI in shaping the future of radiographer education and practice
2. Critically examine current gaps and challenges in AI education for radiographers
3. Develop strategies to integrate AI education into radiography curricula and continuing professional development

Improving Radiography Education with Simulation (12 min)

Mona Vestbøstad; Bergen / Norway

1. Explore how simulation has been applied in radiography education worldwide and what lessons we can take into our own teaching.
2. Compare different simulation approaches and discuss which best support learning outcomes in your context.
3. Consider how evidence from simulation research can inform curriculum design, assessment, and strategies for teaching patient safety and collaboration.

Panel Discussion (19 min)

ESR/UEMS - Harmonia: the power of collaboration

Categories: Education, Management/Leadership, Professional Issues

ETC Level: ALL LEVELS

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairpersons' introduction (8 min)

Putting your interest first: the ESR approach (8 min)

1. To learn about the mission and the vision of the ESR.
2. To understand the structure of the ESR.
3. To understand the importance of political involvement in EU affairs.
4. To understand the importance of advocacy at the EU level.
5. To understand the influence of EU directives on national legislation and daily practice.

Putting your interest first: the UEMS approach (8 min)

1. To learn about the mission and the vision of the UEMS.
2. To understand the structure of the UEMS.
3. To understand the importance of political involvement in EU affairs.
4. To understand the importance of advocacy at the EU level.
5. To understand the influence of EU directives on national legislation and daily practice.

The Accreditation Council in Imaging: introduction, provider's and reviewer's perspective (12 min)

1. To learn about the Accreditation Council in Imaging.
2. To know about the EACCME criteria 3.0.
3. To understand how to gain ECMECs.

The European Diploma in Radiology: introduction, examiner's and Educational Grant Winner 2025's perspective (12 min)

1. To learn about the EDiR.
2. To know about the different types of exam questions.
3. To understand the various ways to prepare yourself for the EDiR.

The European Training Assessment Programme: introduction, assessor's and certified centre's perspective (12 min)

1. To learn about the ETAP 2.0 programme.
2. To know how to become certified in only six steps.
3. To understand the benefits of being an ETAP-certified centre.

AR 14 - How to improve your emergency neuroradiology reports

Categories: Neuro, Professional Issues
ETC Level: LEVEL I+II
Date: March 6, 2026 | 12:30 - 13:30 CET

Introduction (10 min)

Structured reporting in emergency neuroradiology (50 min)

1. To learn how to craft clear, concise, and structured reports that address key findings in urgent neuroradiological cases.
2. To appreciate how phrasing and clarity in reports influence clinical outcomes and decision-making.
3. To understand essential language strategies that enhance communication and reduce ambiguity in time-critical scenarios.

RC 1413 - Innovative educational approaches: boosting safety in interventional radiology and cardiology with AI, virtual and augmented reality, and computational techniques

Categories: Artificial Intelligence, EuroSafe Imaging/Radiation Protection, Interventional Radiology, Physics in Medical Imaging, Radiographers, Vascular

ETC Level: LEVEL II

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairpersons' introduction (5 min)

Using augmented reality to enhance medical practice and to boost radiation protection in vascular surgery (15 min)

1. To learn about the development of AR-based scenarios to simulate realistic environments for medical professionals.
2. To understand the principles and applications of augmented reality (AR) to boost radiation protection during endovascular procedures.
3. To evaluate the effectiveness of the integration of augmented reality (AR) in a clinical setting.

Virtual reality for advanced training in interventional rooms (15 min)

1. To understand the principles and applications of virtual reality (VR) in radiation protection.
2. To explore the development and features of a VR-based training environment, including the awareness and proper use of protective devices.
3. To discuss practical, low-cost implementation solutions of VR technology for enhancing education and training events.

The use of computational and AI-based occupational dosimetry for ALARA and teaching purposes in medical ionising radiation applications (15 min)

1. To understand the principles and methodologies of computational and AI-based occupational dosimetry.
2. To explore the development and validation of real-time personal dosimetry systems, such as the PODIUM project, for employing motion tracking and Monte Carlo simulations.
3. To evaluate the effectiveness of computational dosimetry in optimising radiation protection and enhancing the application of the ALARA principle in interventional radiology and cardiology.

Panel discussion: How virtual augmented reality and AI technology will transform education on radiation safety in the coming decades? (10 min)

RC 1410 - Imaging of the shoulder

Categories: Imaging Methods, Musculoskeletal

ETC Level: LEVEL I+II

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Shoulder instability (15 min)

1. To name and identify the stabilising structures of the shoulder.
2. To discuss different categories of shoulder instability.
3. To describe "the glenoid track" concept and how it relates to treatment planning in anterior shoulder instability.

Rotator cuff pathology (15 min)

1. To describe the anatomy and function of the rotator cuff tendons.
2. To explain the development of common rotator cuff pathologies and their imaging appearances.
3. To compare the sensitivity and specificity of imaging techniques available to assess rotator cuff pathology.

Other causes of shoulder pain (15 min)

1. To name and identify the anatomic structures and pathologic conditions in the rotator cuff interval.
2. To recognise and classify acromioclavicular (AC) joint injuries.
3. To know the differential diagnoses of shoulder muscle abnormalities unrelated to rotator cuff tendon tears.

Panel discussion: Diagnostic challenges in patients with shoulder pain (10 min)

OF 14R - Radiographer person-centred care for special patients

Categories: Paediatric, Professional Issues, Radiographers
Date: March 6, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Beyond the image: tackling stigma and supporting patie with high BMI (10 min)

1. To recognise and challenge weight-related stigma in radiographic practice.
2. To adapt communication and care approaches to support patients with high BMI.
3. To implement inclusive strategies to improve patient comfort and dignity during imaging.

Working with patients with dementia during medical imaging procedures (10 min)

1. To learn how to recognise the challenges that dementia presents during imaging procedures.
2. To use person-centred communication to reduce anxiety and increase cooperation.
3. To adapt imaging environments and workflows to support patients with cognitive impairment.

Involving caregivers of special patients as co-constructo of special approaches (10 min)

1. To highlight the value of caregiver insight.
2. To promote collaborative technique development.
3. To encourage a culture of inclusive practice.

Open forum discussion (15 min)

RC 1416 - Oligometastatic disease: a need for standardisation

Categories: Breast, GI Tract, Hybrid Imaging, Interventional Oncologic Radiology, Multidisciplinary, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (3 min)

The EORTC-ESTRO classification of oligometastatic disease (16 min)

1. To understand the clinical background and history of oligometastatic disease.
2. To learn about the EORTC-ESTRO classification of oligometastatic disease.
3. To know how structured classifications improve communication in tumour boards.

The impact of imaging modality and definition of oligometastatic disease (16 min)

1. To understand how imaging accuracy affects the definition of oligometastasis.
2. To learn about tumour-specific imaging approaches for suspected oligometastasis.
3. To know how modern diagnostic imaging exams may lead to stage migration.

Current evidence of benefit in metastasis-directed radiotherapy (16 min)

1. To understand how radiation therapy is used to treat oligometastatic cancers.
2. To learn about challenges for and limitations of metastasis-directed radiotherapy.
3. To know how radiology can contribute to radiation treatment planning.

Panel discussion: Is it time for modified definitions of oligometastaticdisease for specific cancer entities? (9 min)

OF 14Y - Career paths in radiology: shaping your future, weighing the options

Categories: Education, Management/Leadership, Research, Students

ETC Level: ALL LEVELS

Date: March 6, 2026 | 12:30 - 13:30 CET

Radiology offers a wealth of career choices - but how do you find your path? This session brings together experienced professionals from across Europe to discuss the wide spectrum of career options: public vs private, general vs subspecialised, academic vs industry, and teleradiology vs interventional. With honest insights into what it takes to succeed and where the hidden challenges lie, this is a must-attend for anyone planning their future in radiology.

Chairpersons' introduction (5 min)

From state hospital to startup: mapping career models across Europe (10 min)

Life in academia: is the university hospital worth it? (10 min)

Plugged in: teleradiology as a career, not a side gig (10 min)

Beyond the hospital: radiologists in industry (10 min)

Open forum discussion: Where do you see yourself in 10 years? (15 min)

How 14 - How we report diagnostic and follow-up MRI scans in multiple sclerosis (MS)

Categories: Multidisciplinary, Neuro

ETC Level: ALL LEVELS

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Clinical context and diagnostic criteria (15 min)

1. To explain the clinical presentation and differential diagnosis of multiple sclerosis and related disorders.
2. To review the role of paraclinical tools (CSF, visual and somatosensory evoked potentials, etc.) and how they integrate with imaging in the diagnostic workflow.
3. To learn how to apply the 2024 McDonald criteria with special attention to dissemination in space and time, RIS/CIS cases.

MRI in the diagnosis of MS: imaging criteria and diagnostic guidelines (15 min)

1. To explain the MRI features characteristic of MS lesions in the brain and spinal cord, including dissemination in space and time.
2. To review international new diagnostic imaging guidelines and their application in clinical practice.
3. To learn how to apply standardised reporting frameworks for MS, including lesion descriptors, anatomical localisation, terminology, and structured report templates.

MRI protocols and advanced imaging: towards quantitative evaluation and follow-up (10 min)

1. To explain the recommended MRI acquisition protocols for MS diagnosis and follow-up, covering sequence selection, resolution, anatomical coverage, and harmonisation.
2. To review advanced imaging techniques (e.g. volumetry, DTI, MTR, fMRI) and their potential role in monitoring disease progression and treatment response.
3. To learn how to report diagnostic and follow-up MRI scans in MS using consistent language, longitudinal comparisons, and standardised criteria for new/enlarging lesions and atrophy.

Open forum discussion (15 min)

E³ 20D - Open book on pulmonary nodules!

Categories: Chest

ETC Level: LEVEL I+II

Date: March 6, 2026 | 12:30 - 13:30 CET

This case-based session will review the signs that allow nodules to be classified as benign: the presence of fat, criteria for intrapulmonary lymph nodes, and slow doubling time. It will also highlight pitfalls such as pseudotumoural forms of lipid pneumonia. For subsolid nodules, morphological signs suggesting an invasive nature will be presented.

Chairperson's introduction (3 min)

Benign lung nodules and carcinoid tumours: CT characteristics (24 min)

Malignant lung nodules (24 min)

Panel discussion: What is the optimal approach to lung nodule characterisation? (9 min)

RC 1417 - Near misses and overcalls in non-trauma emergency imaging

Categories: Chest, Emergency Imaging, GI Tract, Neuro, Paediatric

ETC Level: LEVEL II+III

Date: March 6, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (2 min)

Head and neck: subtle signs versus mimickers of acute infections (12 min)

1. To recognise the subtle imaging signs of acute infections in the head and neck.
2. To differentiate between acute infections and mimicking conditions, such as neoplasms, vascular malformations, and inflammatory diseases, based on imaging features.
3. To understand the diagnostic workup and clinical decision-making process for distinguishing acute infections from other neurological and non-neurological mimickers in the emergency setting.

Chest: from normal to abnormal. Features of anatomic variants versus minor emergencies (12 min)

1. To identify common anatomic variants in thoracic imaging, including pulmonary, vascular, and skeletal anomalies, and understand their normal variants versus pathologic findings.
2. To distinguish between benign findings and minor thoracic emergencies.
3. To evaluate imaging findings that may suggest the need for further investigation or intervention, especially in patients presenting with minor thoracic symptoms that could be easily misinterpreted.

Abdomen: subtle signs of small and large bowel ischaemia (12 min)

1. To recognise the early and subtle imaging signs of small and large bowel ischaemia. 2. To differentiate between the imaging features of ischaemia and other conditions that may mimic bowel ischaemia. 3. To understand the role of advanced imaging modalities in diagnosing and assessing the severity of mesenteric ischaemia and guiding clinicians.

Paediatrics: subtle signs of MSK infections in the paediatric patient (12 min)

1. To recognise the subtle imaging signs of musculoskeletal infections in paediatric patients.
2. To differentiate between musculoskeletal infections and other conditions in children that may present with similar symptoms.
3. To understand the role of imaging in the staging and management of paediatric musculoskeletal infections.

Panel discussion: When subtle signs indicate non-subtle pathologies (10 min)

MD 14 - High-risk steatotic liver disease: new developments in non-invasive tests and treatment - recommendations for clinical practice and directions for the future

Categories: Abdominal Viscera, Multidisciplinary, Research
ETC Level: LEVEL II+III
Date: March 6, 2026 | 12:45 - 13:45 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the diagnosis and treatment of high-risk steatotic liver disease.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

The hepatologist's perspective (15 min)

The radiologist's perspective (15 min)

Expert panel discussion (28 min)

CUBE 16 - Innovative fusion imaging in neurointervention: tips and tricks

Categories: Education, Radiographers
Date: March 6, 2026 | 13:00 - 13:30 CET

Chairperson's introduction (2 min)

How can radiographers support innovative fusion imaging in interventional neuroradiology? (28 min)

1. To learn about the role of fusion imaging in neurointerventional radiology.
2. To appreciate the requirements for supporting the provision of high-quality fusion imaging.
3. To understand the technical challenges for producing fusion images.

EIBIR 15 - Advancements in medical imaging technologies: photonics research

Categories: Neuro, Physics in Medical Imaging, Research

ETC Level: LEVEL III

Date: March 6, 2026 | 13:45 - 14:45 CET

Chairperson's introduction (5 min)

Using hyperspectral imaging to provide real-time information to neurosurgeons during surgery (20 min)

1. To learn about HyperProbe's hyperspectral imaging technology and how it advances neurosurgical imaging and precision.
2. To appreciate the potential of hyperspectral imaging for non-invasive diagnosis and improved neuronavigation in clinical settings.
3. To understand the importance of collaboration among researchers, radiologists, and medical professionals in supporting the adoption and application of HyperProbe technology.

Evaluating micro-electromechanical systems-based multi-element optical probes for medical ultrasound (20 min)

1. To appreciate the transition from traditional electrical piezoelectric transducers to optical MEMS-based chips.
2. To learn an overview of integrated photonics ultrasound transducer fundamentals and key considerations in design and development, limited to the information we are comfortable sharing.
3. To understand the current results.

Discussion (15 min)

EFRS 15 - Education of Radiotherapy in different European education models

Categories: Education, Professional Issues, Radiographers

Date: March 6 - 5, 2026

This session will examine the different educational models used across Europe to prepare radiotherapy radiographers, providing an overview of their structures and approaches. Participants will discuss the advantages and disadvantages of these models, considering their impact on professional readiness, mobility, and the harmonisation of education across Europe.

Moderator:

Gianfranco Brusadin; Villejuif / France

Chairpersons Introduction (5 min)

Gianfranco Brusadin; Villejuif / France

Education of Radiotherapy in different European education models (40 min)

Eric Johan Sundqvist; Oslo / Norway

Valerio Pisoni; Giussano / Italy

Theresa O'Donovan; Cork / Ireland

Ainars Bajinskis; Riga / Latvia

Jose Guilherme Couto; Msida / Malta

1. Identify the different education models existing across Europe to educate radiotherapy Radiographers
2. Discuss their advantages and disadvantages

Panel Discussion (15 min)

NM 15 - Impactful presentations

Categories: Education, Research, Students

ETC Level: LEVEL I+II

Date: March 6, 2026 | 14:00 - 15:30 CET

This section first introduces the importance of a strong narrative that emphasises the value of the study for the audience. We then review storytelling approaches that can help communicate the study in a logical and effective manner in posters and slides. Finally, we discuss tips for making professional-looking posters and slides that both get the attention of the audience as well as clearly and accurately present the study's findings.

Impactful slide presentations (90 min)

CUBE 17 - Foreign body removal

Categories: Interventional Radiology
ETC Level: ALL LEVELS
Date: March 6, 2026 | 14:00 - 14:30 CET
The session aims to provide information on the tools one should have on hand for foreign body removal and how to use them.

Chairperson's introduction (2 min)

Tips and tricks for foreign body removal (28 min)

MS 15 - Fever diarrhoea, when to image? - from symptom to diagnosis

Categories: GI Tract, Multidisciplinary

ETC Level: LEVEL II

Date: March 6, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (5 min)

Infectious ileocolitis: can microbiological diagnosis be made on imaging? (17 min)

1. To learn about the main infectious agents that cause ileocolitis in Western countries. 2. To learn about the role of US and imaging signs that can help guide a microbiological diagnosis. 3. To differentiate between primitive infectious colitis and colitis in reaction to a deep infectious process.

Acute inflammatory colitis: Crohn's or UC? (17 min)

1. To review the histopathological differences between Crohn's disease and ulcerative colitis. 2. To define CT signs that can differentiate Crohn's from UC in an acute setting. 3. To review the complications of a colonic location of the disease.

Diverticulitis (17 min)

1. To learn about the imaging classification of diverticulitis. 2. To present tips on imaging that differentiate from other mimickers. 3. To discuss the radiologic follow-up and management guidance.

Case-based discussion (34 min)

US 15 - What should a radiologist know? Kidney from a paediatric and adult perspective

Categories: Abdominal Viscera, General Radiology, Genitourinary, Multidisciplinary, Paediatric

ETC Level: LEVEL II+III

Date: March 6, 2026 | 14:00 - 15:30 CET

The session provides an overview of current methods, trends, and future innovations in renal ultrasound. Starting with the standardised examination technique in the context of multiparametric sonography, insights will be given into paediatric ultrasound, trauma patients, kidney transplants, and the frequent question of the classification of cystic lesions.

Chairpersons' introduction (5 min)

Introduction to renal multiparametric ultrasound (16 min)

Common findings in paediatric renal and urological pathology (16 min)

Focused assessment with sonography in trauma and contrast-enhanced ultrasound in kidney trauma patients (16 min)

Kidney graft (16 min)

Panel discussion (5 min)

Bosniak cyst classification (16 min)

E³ 1523 - Interventional

Categories: Interventional Radiology, Vascular

ETC Level: LEVEL I+II

Date: March 6, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (6 min)

Basic principles of angiography and image-guided interventions (28 min)

1. To understand the importance of pre-procedure imaging, the selection of an appropriate imaging technique for image guidance and procedure planning.
2. To describe the basic principles of angiographic imaging techniques (Fluoroscopy, DSA, Overlay, Roadmap, Cone beam CT).
3. To explain basic percutaneous image-guided techniques, including arterial access as well as biopsy and drainage.

Image-guided procedures in interventional oncology (28 min)

1. To describe the basic technical methodological principles and indications of imaging-guided interventions in oncological disorders, including different thermal ablation techniques (percutaneous and intraoperative).
2. To understand the principles and indications for vascular interventions in cancer, such as the transarterial treatment of liver tumours and embolisation before surgery.
3. To become familiar with posttreatment follow-up, highlighting normal and abnormal pathological imaging findings.

Vascular interventions (28 min)

1. To describe the indications and techniques for treating peripheral arterial occlusive disease (PAOD, acute and chronic). 2. To explain the techniques of arterial embolisation in acute bleeding. 3. To understand the indication and technique of prostate artery embolisation (PAE) in benign prostatic hyperplasia in men and embolisation/sclerotherapy in female patients with pelvic congestion syndrome (PCS).

RC 1510 - Spine imaging

Categories: Evidence-Based Imaging, Musculoskeletal
ETC Level: ALL LEVELS
Date: March 6, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Inflammatory arthropathy: current imaging trends and protocols (15 min)

1. To appreciate the role of different imaging modalities in the diagnosis of inflammatory arthropathy of the spine.
2. To make you aware of the optimal MRI protocols for detecting early disease.
3. To understand the place of imaging in the overall diagnosis and monitoring of patients with inflammatory arthropathy.

Imaging of spinal trauma (15 min)

1. To discuss the optimal modalities for imaging of spinal trauma.
2. To learn how to interpret common spinal trauma findings on CT and MRI.
3. To understand the place of imaging findings in the clinical management of spinal trauma patients.

Spinal infection: imaging patterns (15 min)

1. To discuss the best imaging approach to suspected spinal infection.
2. To make you aware of different patterns and distributions of infection within the spine.
3. To distinguish spinal infections from other diseases.

Panel discussion: When do we need contrast injection? (10 min)

SF 15b - Update on interstitial lung disease

Categories: Chest, Multidisciplinary
ETC Level: LEVEL III
Date: March 6, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (4 min)

Interstitial lung abnormalities (ILAs): what are they, and what should we do? (20 min)

1. To understand the definition of ILAs.
2. To appreciate how and when to report CTs with ILAs.
3. To understand the clinical significance of ILAs.

CT imaging of connective tissue disease ILD (20 min)

1. To understand the typical and atypical CT features of CTDs.
2. To appreciate the clinical significance of CT markers of disease severity in CTD.
3. To understand the impact of technological developments in CTD imaging with CT.

Imaging of pulmonary toxicity from systemic cancer therapy (20 min)

1. To appreciate the different patterns of pulmonary toxicity on CT.
2. To be aware of key systemic cancer therapies that cause pulmonary toxicity.
3. To develop knowledge on how to optimally report CT findings of pulmonary toxicity.

CT imaging of hypersensitivity pneumonitis (18 min)

1. To be aware of the classifications of hypersensitivity pneumonitis and the role of imaging.
2. To understand the important diagnostic and prognostic CT features of hypersensitivity pneumonitis.

Panel discussion: The link between ILAs and ILD (8 min)

SF 15a - Patient-centred care education in radiography

Categories: Artificial Intelligence, Evidence-Based Imaging, Multidisciplinary, Professional Issues, Radiographers
Date: March 6, 2026 | 14:00 - 15:30 CET

Chairpersons' introduction (6 min)

Patient and public involvement in education (15 min)

1. To learn how the insights and perspectives of patients contribute to the overall efficiency of the medical system, saving time, money, and resources.
2. To appreciate the role of patient and public involvement in education and training and to recognise the crucial contributions of radiographers and radiologists to patients.
3. To recognise the importance of collaboration in enhancing education in medical imaging for all participants.

Specific training for specific patients (15 min)

1. To identify the unique radiographic considerations and challenges associated with imaging special patient populations (paediatric, geriatric, bariatric, neurodivergent, or those with physical or cognitive impairments).
2. To demonstrate appropriate patient care techniques and communication strategies (tailored to meet the needs of special patients during radiographic procedures, ensuring comfort, safety, and cooperation).
3. To present appropriate modifications to standard medical imaging and treatments to accommodate the needs of these patients that are being practised in some European countries.

How can radiographers provide the human touch in an AI era? (15 min)

1. To describe the potential impact of AI technologies on the patient-radiographer interaction.
2. To understand common patient perspectives related to the use of AI in healthcare and imaging.
3. To identify strategies that radiographers can use to promote and maintain human connection.
4. To discuss how radiographers can act as a bridge of connection between patients and AI.

How to train the trainer to deliver empathic and inclusive care (15 min)

1. To define and interpret the concept of compassionate care in healthcare education as a relational presence rooted in empathy and inclusivity.
2. To critically reflect on how “walking with the other” and “offering authentic attention” can transform educational relationships into spaces of ethical and professional growth.
3. To develop and propose educational strategies for radiography training that integrate compassionate presence into technical instruction, fostering a balanced professional identity.

Panel discussion: What is required in order to better prepare healthcare professionals in medical imaging to deliver patient-centred care? (24 min)

E³ 1518 - Female genitourinary

Categories: Genitourinary, Oncologic Imaging

ETC Level: LEVEL II

Date: March 6, 2026 | 14:00 - 15:30 CET

The aim of the session is to understand the importance of radiologic-pathologic correlation in ovarian tumours and to be aware of the importance of radiologic-pathologic correlation in uterine tumours.

Chairperson's introduction (5 min)

Ovarian tumours (35 min)

Uterine tumours (35 min)

Challenging case presentation by the moderator and discussed by the tandems (15 min)

OF 15Y - Game on: navigating the EDiR CORE case resolution, win a spot for an EDiR simulation and webinar (part 3)

Categories: Education, Professional Issues, Students

ETC Level: LEVEL II

Date: March 6, 2026 | 14:00 - 14:30 CET

Chairpersons' introduction (5 min)

Let the games begin (20 min)

1. To scan and interpret two cases of cardiac radiology and possible outcomes based on the attendees' decisions.
2. To get to know and team up with peers from all over the world to help as many patients as possible.
3. To solve the quiz to win an EDiR Simulation and Webinar. Please note that there can only be one winner per session.

Pooling of conclusions and perceptions (5 min)

BS 15 - Imaging of benign hepatic and biliary tree pathology: from common to rare entities

Categories: Abdominal Viscera
ETC Level: LEVEL II
Date: March 6, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Benign biliary tree pathology (15 min)

1. To review current imaging techniques used to evaluate the biliary tree.
2. To discuss and illustrate the main benign conditions that may affect the biliary tree.
3. To underline possible pitfalls and errors in BT interpretation.

Focal benign liver lesions (15 min)

1. To become familiar with the main benign liver lesions and their clinical importance.
2. To be able to recognise key imaging features of the most common benign liver tumours.
3. To know how to avoid errors and discrepancies in interpreting focal benign liver lesions.

Diffuse benign liver lesions (15 min)

1. To learn key points for an optimised imaging to detect diffuse benign liver lesions.
2. To review key diagnostic features of the most current diffuse benign liver diseases.
3. To review the main differential diagnoses of diffuse benign liver lesions.

Panel discussion: Importance of imaging protocols, findings, and structured report (10 min)

ESR Research 15 - Expanding the frontiers of multidisciplinary research in imaging

Categories: Artificial Intelligence, Evidence-Based Imaging, Multidisciplinary, Research, Translational Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 14:00 - 15:00 CET

This session will explore the evolving landscape of multidisciplinary research in imaging, highlighting funding opportunities, practical experiences, and the creative aspects of designing and promoting research projects. Experts from medicine, AI, and engineering will share insights on integrating imaging across disciplines, navigating European grant opportunities, and fostering innovation through collaboration.

Chairpersons' introduction (5 min)

Imaging at the crossroads of medicine, AI, and engineering: grant opportunities (15 min)

Exploring image-based biomarkers across disciplines: insights from experts beyond radiology (15 min)

The art of science: merging research with creativity (15 min)

Panel discussion: How can multidisciplinary collaboration in imaging drive the future of research? (10 min)

E³ 1519 - Reporting and data systems (RADS): addressing diagnostic challenges in the head and neck

Categories: Head and Neck, Neuro, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (5 min)

Brain tumour-reporting and data system (BT-RADS) and beyond: assessing response to therapy in real-world practice (20 min)

1. To describe the BT-RADS system for assessing treatment response in brain tumours.
2. To learn how to apply this in clinical practice and impact on clinical management.
3. To appreciate how this compares to other systems and limitations of BT-RADS.

Thyroid imaging-reporting and data system (TI-RADS): dealing with incidental thyroid nodules (20 min)

1. To describe the US TI-RADS risk stratification system for classifying thyroid nodules.
2. To learn about best practices and how to apply TI-RADS in clinical practice.
3. To understand the impact of TI-RADS on clinical management.

Neck imaging-reporting and data system (NI-RADS): is there tumour recurrence? (20 min)

1. To learn about the rationale and development of the NI-RADS risk stratification system.
2. To appreciate how to apply it in clinical practice across the imaging modalities.
3. To understand the challenges and limitations of NI-RADS.

Case-based panel discussion: how reporting and data systems (RADS) help clinical practice (25 min)

JIIQ - Sparta vs Athens

Categories: Abdominal Viscera, Breast, General Radiology, Musculoskeletal, Neuro, Oncologic Imaging
ETC Level: ALL LEVELS
Date: March 6, 2026 | 14:00 - 15:30 CET

Quiz Masters

Sparta Team

Athens Team

AR n15 - How to improve your emergency neuroradiology reports in practice

Categories: Neuro, Professional Issues

ETC Level: LEVEL I+II

Date: March 6, 2026 | 14:30 - 15:30 CET

Tips on improving emergency neuroradiology CT and MRI reports (15 min)

1. To write clear reports addressing pertinent points in neuroradiological emergencies.
2. To communicate effectively and prioritise communication of important findings.
3. To simplify reports.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

MD 15 - Vertigo: new developments in imaging and treatment -recommendations for clinical practice and directions for the future

Categories: Head and Neck, Multidisciplinary
ETC Level: ALL LEVELS
Date: March 6, 2026 | 14:45 - 15:45 CET

Chairperson's introduction (2 min)

1. To highlight new developments in the diagnosis and treatment of vertigo.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

The surgeon's perspective (13 min)

The radiologist's perspective (13 min)

Expert panel discussion (32 min)

EFRS 16 - CPD for Radiographers

Categories: Education, Professional Issues, Radiographers, Students

Date: March 6, 2026 | 15:30 - 16:30 CET

The EFRS CPD Committee explores and defines the evolving role and increasing importance of Continuing Professional Development (CPD) in radiography practice. CPD is understood as a structured, reflective, and forward-looking process through which radiographers articulate its value in professional practice, critically evaluate their own learning and growth in line with service and patient needs, and develop actionable plans to strengthen CPD practices within their institutions or professional networks.

Moderators:

Christoph Kamp; Vienna / Austria

Nina Dalen Dalen Seime; Oevre Ervik / Norway

Chairperson's introduction (5 min)

Christoph Kamp; Vienna / Austria

What Radiographers and their professional bodies are telling us (12 min)

Karen Brage; Odense / Denmark

1. Compare and contrast how national radiographer societies and individual radiographers perceive the purpose, value, and implementation of CPD.
2. Interpret key findings from the surveys to identify trends, challenges, and gaps in CPD engagement across Europe.
3. Discuss the implications of these findings for future CPD policy development, professional support structures, and educational planning.

Reframing CPD: From Compliance to Competence (12 min)

Francis Zarb; Msida / Malta

1. Understand current European and international frameworks guiding CPD in radiography.
2. Critically evaluate the shift from mandatory CPD tracking to reflective, outcome-based models.
3. Identify strategies to enhance personal engagement and professional accountability in CPD.

Creating Meaningful CPD in Clinical Radiography Practice: From Opportunities to Measurable Outcomes (12 min)

Ruth Mary Strudwick; Ipswich / United Kingdom

1. Explore innovative, practice-based models for embedding CPD into everyday clinical work and fostering a culture of continuous learning in radiography.
2. Apply strategies and tools to assess and evidence the impact of CPD on professional performance, service quality, and patient outcomes.
3. Critically reflect on how meaningful CPD initiatives can drive measurable improvements in clinical practice and career development.

Panel discussion (19 min)

HW Uh 16 - Head and neck practical ultrasound

Categories: Head and Neck
ETC Level: ALL LEVELS
Date: March 6, 2026 | 16:00 - 17:30 CET

Introduction: ultrasound of the neck in 7 sweeps (30 min)

1. To gain a logical and systematic approach to neck ultrasound examination.
2. To understand the relevant anatomy.
3. To learn techniques to better visualise this region and how to avoid the pitfalls.

Hands-on demonstration (60 min)

Demonstrators

Workshop assistant

EU 16 - Radiation safety in interventional radiology: minimising radiation exposure by a change in culture

Categories: Education, EuroSafe Imaging/Radiation Protection, Interventional Radiology, Professional Issues

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

This session focuses on strategies to reduce radiation exposure in interventional radiology (IR) by promoting a cultural shift in practice. Experts will present the latest standard operating procedure from CIRSE and SIR, virtual training tools, and clinical approaches to minimising radiation doses for both staff and patients in high-dose procedures.

Chairperson's introduction (5 min)

Reducing occupational radiation and improving the working environment in IR rooms: insights from the new CIRSE and SIR SOP (10 min)

New tools teaching IR staff by virtual training, visualising exposure (15 min)

Radiation exposure: cerebral thrombectomy (15 min)

Radiation exposure: TACE and pelvic embolisation (30 min)

Panel discussion (15 min)

ESR VBR - Value-based radiology and its broader impact

Categories: Evidence-Based Imaging, Management/Leadership, Multidisciplinary, Professional Issues, Sustainability

ETC Level: LEVEL II

Date: March 6, 2026 | 16:00 - 17:30 CET

This session explores how value-based radiology contributes to better patient outcomes by integrating imaging into multidisciplinary care, improving feedback mechanisms, and reducing low-value imaging. It also addresses the broader impact of radiology on healthcare sustainability, including its carbon footprint, and connects these efforts to Health Technology Assessment and value-based healthcare strategies.

Chairperson's introduction (5 min)

Radiology within multidisciplinary hospital units (15 min)

Feedback in radiology (15 min)

Carbon impact of low-value imaging (15 min)

Health Technology Assessment and value-based healthcare (20 min)

Panel discussion: Are we doing the right things to get to value-based radiology? (20 min)

US 16 - What should a radiologist know? Musculoskeletal imaging and interventions

Categories: General Radiology, Interventional Radiology, Multidisciplinary, Musculoskeletal, Neuro

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

The session provides an overview of current methods, trends and future innovations in musculoskeletal ultrasound. A comprehensive insight will be given into ultrasound-guided MSK interventions, as well as ultrasound in muscular injuries, tendinopathies, and enthesopathies.

Chairpersons' introduction (5 min)

US-guided interventions around joints: upper limb (15 min)

US-guided interventions around joint: lower limb (15 min)

Muscular injury: from diagnosis to severity to intervention (15 min)

Tendinopathies and enthesopathies: how I do it (15 min)

US-guided nerve intervention (15 min)

Panel discussion: Musculoskeletal ultrasound and interventions (10 min)

SF 16b - Advances in multiple sclerosis (MS): exploring the new McDonald criteria and emerging imaging biomarkers

Categories: Education, Neuro, Paediatric

ETC Level: LEVEL II

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (5 min)

The 2024 McDonald criteria: key updates and clinical implications (18 min)

1. Toidentify and describe the major revisions in the 2024 McDonald criteria.
2. Toapply the updated criteria to real-world clinical scenarios.
3. Toassess the clinical implications for early diagnosis and treatment decisions.

The 2024 McDonald criteria in paediatric MS: special considerations and challenges (18 min)

1. To highlight paediatric-focused updates in the 2024 update of the McDonald's criteria.
2. To discuss persistent and emerging diagnostic challenges in paediatric MS.
3. To address current barriers and future needs in imaging of paediatric MS.

Optic nerve imaging in MS: role, timing and techniques (18 min)

1. To describe the rationale behind and the emerging demands for MRI of the anterior visual pathways in multiple sclerosis and related diseases.
2. To outline the anatomical basis, technical challenges, and current capabilities of MRI techniques.
3. Tosummarise current knowledge regarding disease distribution patterns along the anterior optic pathways, in both acute and asymptomatic conditions.

MRI biomarkers for monitoring disease progression: are they ready for routine use? (18 min)

1. To review conventional MRI-based biomarkers used for disease monitoring in MS, including T2-lesion volume, contrast-enhancing lesions, and brain atrophy.
2. To review advanced MRI-based biomarkers for monitoring disease progression in MS, including magnetisation transfer imaging, diffusion metrics, and myelin-related imaging.
3. To discuss the readiness of MRI biomarkers for monitoringdisease progression in MS.

Panel discussion: New criteria: impact on radiological practice (13 min)

MS 16 - Extraterrestrial medical imaging: seeing in dark space with Athena's imaging rays

Categories: General Radiology, Imaging Methods, Physics in Medical Imaging, Research, Sustainability

ETC Level: LEVEL II

Date: March 6, 2026 | 16:00 - 17:30 CET

As humanity prepares for long-term extraterrestrial exploration and habitation, ensuring the health and safety of astronauts is paramount. This session will highlight the limitations of existing medical imaging devices for space applications and explore how medical imaging technologies can be adapted for use in unique extraterrestrial environments. Panellists will discuss what the relevant innovations mean for the future of space medicine and Earth's inhabitants.

Chairperson's introduction (3 min)

A Space Odyssey: challenges of extraterrestrial medical imaging (15 min)

How close to Ithaka? (part I) Innovations advancing extraterrestrial MRI (15 min)

How close to Ithaka? (part II) Pioneering outer-space x-ray medical imaging (15 min)

How close to Ithaka? (part III) Image-guided minimally invasive surgical procedures in microgravity (15 min)

Getting back to earth: imaging and medical parallels between astronauts and patients (15 min)

Panel discussion: Leveraging space innovations for medical imaging breakthroughs on Earth (12 min)

SF 16a - Lymphatic and venous imaging and interventions

Categories: Imaging Methods, Interventional Radiology, Vascular

ETC Level: LEVEL III

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (10 min)

Imaging the lymphatic system (15 min)

1. To learn the current techniques and modalities available for imaging the lymphatic system.
2. To appreciate the clinical indications and diagnostic value of lymphatic imaging in various pathologies.
3. To understand the anatomy and physiology of the lymphatic system as visualised through imaging.

Lymphatic embolisation (15 min)

1. To learn the procedural steps and materials used in lymphatic embolisation.
2. To appreciate the role of embolisation in the management of lymphatic leaks and disorders.
3. To understand patient selection, outcomes, and potential complications associated with this intervention.

Chronic venous insufficiency and varicose vein treatment (15 min)

1. To learn about modern interventional treatments for chronic venous insufficiency and varicose veins.
2. To appreciate the clinical impact and quality-of-life improvements following treatment.
3. To understand the pathophysiology and progression of chronic venous disorders.

Interventional solutions for venous disease in pregnancy and postpartum (15 min)

1. To learn the safe and effective interventional approaches for managing venous disease during pregnancy and postpartum.
2. To appreciate the unique physiological challenges and considerations in this patient population.
3. To understand indications, risks, and outcomes of venous interventions in pregnant and postpartum patients.

Panel discussion: What specific areas need more evidence to guide practice? (20 min)

ESR eHealth 16 - Data exchange in the EU

Categories: Artificial Intelligence, Imaging Informatics, Management/Leadership, Medico-legal, Professional Issues

ETC Level: LEVEL III

Date: March 6, 2026 | 16:00 - 17:30 CET

The session focuses mainly on the European Health Data Space (EHDS) and what can be expected in the following years. It also addresses interoperability, data formats, and requirements to electronic health record (EHR) providers. Some regulatory aspects will be discussed, and benefits and challenges to data sharing across borders in the EU will be highlighted.

Chairperson's introduction (5 min)

European Health Data Space: changing the rules of the game (20 min)

Building an infrastructure: role of EU funding and research projects (20 min)

Challenges in sharing data: technical and regulatory hurdles (20 min)

Panel discussion: Continental data interoperability: how far are we from a seamless healthcare system? (25 min)

BS 16 - Building interprofessional bridges for the radiography workforce

Categories: Professional Issues, Radiographers

Date: March 6, 2026 | 16:00 - 17:00 CET

This session explores the evolving role of radiographers within multidisciplinary teams, emphasising collaboration and adaptability in clinical practice. It will address workforce planning, strategies for overcoming professional challenges, and the expanding scope of interventional radiography. Attendees will gain insight into how radiographers contribute to patient care and system efficiency in complex healthcare settings.

Chairperson's introduction (5 min)

Radiographers' roles in a multidisciplinary team (10 min)

Estimating workforce needs in radiography: a European perspective (10 min)

Navigating adversity through interprofessional collaboration in radiography (10 min)

Making bridges in the Cath Lab: interprofessional approaches to interventional radiography (10 min)

Panel discussion: Interprofessional collaborations in medical imaging and therapy (15 min)

OF 16R - Cardiac imaging: frontiers and integration in clinical practice

Categories: Cardiac, Radiographers, Vascular

Date: March 6, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (5 min)

Why cardiac imaging is at the heart of precision medicine (10 min)

1. To understand the contribution of each imaging professional with a focus on how radiographers can enhance diagnostic value through optimal preparation, acquisition and collaboration with radiologists.
2. To explore the clinical application of multimodal imaging, and how radiologists and radiographers can support treatment planning and disease monitoring.
3. To gain practical clinical insights from a radiologist's perspective: covering tips and best practices for radiographers in cardiac imaging.

The new era of cardiac CT (10 min)

1. To learn about recent technological advancements that are transforming cardiac CT, including high-speed scanning, ECG less, and AI integration.
2. To appreciate the evolving role of cardiac CT in diagnosing and managing cardiovascular disease across diverse clinical settings.
3. To understand how cardiac CT is being integrated into routine clinical workflows to support faster, safer, and more accurate patient care.

Mapping the heartbeat: cardiac MRI (10 min)

1. To understand the role of cardiac MRI in assessing cardiac structure, function, and tissue characterisation.
2. To explore how cardiac MRI contributes to early diagnosis and personalised treatment planning in cardiovascular care.
3. To recognise the expanding role of radiographers in delivering high-quality cardiac MRI services within multidisciplinary teams.

Radiographers in the cath lab: expanding interventional cardiac radiology (10 min)

1. To understand the evolving role of radiographers in interventional cardiac procedures within the catheterisation lab for optimised image acquisition and radiation protection.
2. To explore the skills and knowledge required to support precision-guided cardiac interventions.
3. To recognise the impact of radiographer involvement on workflow efficiency, patient and professional safety, as well as clinical outcomes.

Open forum discussion (15 min)

PC 16 - Shortage of radiologists: myth or reality?

Categories: Artificial Intelligence, Education, Management/Leadership, Medico-legal, Professional Issues

ETC Level: LEVEL I+II

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (5 min)

The EU-REST project: current workforce status and guidelines for the future (15 min)

1. To understand the EU-REST project's purpose, conduct and outcomes.
2. To consider the new guidelines for the EU radiologist workforce availability.
3. To appreciate what needs to be done to have these guidelines implemented.

Radiologist's perspective in US (15 min)

1. To learn how the US health system is addressing workforce issues in radiology.
2. To appreciate the importance of coordinated planning and governance in addressing workforce issues.
3. To understand how individual radiologists can contribute to shaping the future.

A look at Asia and Middle East (15 min)

1. To learn about differences in radiology training.
2. To appreciate the importance of international communication in harmonising and advancing radiology training.
3. To understand the potential of diplomas – the role of EDiR for Asia and the Middle East.

A look into the future of radiologists (15 min)

1. To learn about the expectations of young radiologists.
2. To appreciate the importance of learning to balance speed and quality.
3. To understand the importance of AI in training and clinical practice.

Panel discussion: Is it still worth becoming a radiologist? (25 min)

OF 16Y - How to get your manuscript accepted

Categories: Education, Evidence-Based Imaging, General Radiology, Professional Issues, Research

ETC Level: ALL LEVELS

Date: March 6, 2026 | 16:00 - 17:00 CET

Ever wondered what happens after you hit "submit"? In this hands-on session, editors from the European Radiology family of journals share how to successfully navigate the publishing process — from manuscript preparation to managing reviewer comments. Whether you are submitting your first paper or mentoring junior authors, this is your chance to learn what editors really want (and what drives them crazy).

Chairpersons' introduction (5 min)

How to polish a manuscript submission (10 min)

How to reply to reviewers' criticisms (10 min)

How to manage critical reviews and still stay motivated (10 min)

Open forum discussion: What we wish every author knew? (25 min)

IF 16 - From realism to surrealism: AI painting the picture

Categories: Artificial Intelligence, Evidence-Based Imaging, General Radiology, Imaging Methods

ETC Level: ALL LEVELS

Date: March 6, 2026 | 16:00 - 17:30 CET

AI is poised to greatly impact how radiological images are reconstructed in the future. However, it can be assumed that a fine line exists between the amount of data that is needed for a truthful representation of a patient's condition and the amount of data where the resulting image is more the dreamlike invention of the AI. This session will discuss how the benefits of AI-powered reconstruction can already be harnessed without losing sight of the honest representation of physical reality.

Chairperson's introduction (5 min)

MRI dreams: faster, sharper, better MRI acquisitions? (20 min)

Balancing realism and radiological dreams: how low can CT go? (20 min)

Innovations in AI-powered quantitative PET imaging (20 min)

Panel discussion: Will AI really increase the diagnostic value of images or just make them look more normal? (25 min)

EIBIR 16 - Improving quality and safety through collaborative EU-funded research and studies: Strategic Agenda for Medical Ionising Radiation Applications (SAMIRA)

Categories: Audit, EuroSafe Imaging/Radiation Protection, Professional Issues

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairpersons' introduction (3 min)

Optimising radiation protection in paediatri imaging: the Radiation, Health, Safety and Quality for Youth: A Comprehensive Approach to Justification, Optimisation, and Education (RHYTHM) project (12 min)

1. To introduce the RHYTHM project on radiation, health, safety, and quality for youth.
2. To explain the sensitivity of children, adolescents, and young adults to ionising radiation, and the need for optimised imaging practices.
3. To discuss key issues related to justification, optimisation, availability, and accessibility of imaging services for young patients, as well as the education of professionals and communication of risk to parents and patients.

From incidents to improvement: Medical Applications of Radiation -Learning from Incidents and Near Misses (MARLIN) lessons for radiology practice (12 min)

1. To understand the role of incident learning systems (ILS) in promoting safety and quality in diagnostic and interventional radiology.
2. To recognise common sources of error in radiology practice and their potential impact on patient outcomes.
3. To apply the MARLIN project's recommendations for reporting, justifying, and learning from significant events and near misses in radiology departments.

Updating EC criteria for radiological equipment acceptability: the SAMIRA Study on the criteria for acceptability of medical radiological equipment (CARE) project (12 min)

1. To learn how suspension levels for radiological equipment are currently established across the EU and the role of EC publication RP 162.
2. To appreciate the need for an updated and extended list of acceptability criteria in line with the current state of technical and equipment standards, methods for assessing relevant technical parameters, and the applicable Euratom and EU legal provisions.
3. To understand the methodology used for the revision and process of consultation with member states and other stakeholders on the proposed updated and extended list of acceptability criteria

Clinical audit implementation in Europe (CLAUD-IT) (12 min)

1. To learn about the impact of clinical audit on patient and staff safety.2. To discuss the potential impact of clinical audit campaigns in the EU on clinical audit implementation.3. To understand the importance of learning materials and training in popularising clinical audit, especially the Guide to Clinical Audit in Radiology (AUDITRAD), the clinical audits guide for nuclear medicine (NuCline), and the audit "cookbook" developed under CLAUD-IT.

Key performance indicators for quality and safety of ionizing radiation use in medicine (12 min)

1. To list a set of KPIs that can be used to monitor the quality and safety of radiological procedures.
2. To reflect on which KPIs could be applied in their own organisational or country context and how.
3. To actively contribute to the design and implementation of an EU-wide monitoring system for quality and safety of medical applications of ionising radiation.

Towards a joint action to support the implementation of quality and safety of medical ionising radiation applications (12 min)

Discussion (15 min)

How 16 - From panic to precision: how we handle urgent neuro cases in 10 minutes

Categories: Emergency Imaging, Head and Neck, Musculoskeletal, Neuro

ETC Level: LEVEL I+II

Date: March 6, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (2 min)

How we read the unconscious brain under pressure (15 min)

1. To explain the radiologist's approach to imaging the comatose patient in the emergency department (ED).
2. To review the key radiological patterns across differential diagnoses of coma.
3. To learn how to report the imaging findings essential for comatose patient management.

Not just a migraine: how we image "the headache of my life" (15 min)

1. To explain when "just a migraine" might signal a serious pathology.
2. To review imaging strategies for acute headache in different clinical scenarios.
3. To learn how to interpret imaging findings essential for ED decision making.

Clearing the cervical spine: what to look for and what to report (15 min)

1. To explain the decision support guidelines and imaging approach for cervical spine evaluation in trauma.
2. To review the most common cervical spine injuries and associated complications.
3. To learn how to report the essential findings for rapid patient management.

Open forum discussion: How radiologists balance speed and accuracy in high-pressure ER settings: sharing strategies, pitfalls, and real-world decision-making insights (13 min)

SA 16b - Prostate MRI scoring systems: what is new and what we still need?

Categories: Genitourinary, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

This session reviews the various scores recently published to enhance the quality of prostate MRI reports. Their primary goal is to reduce subjective assessments of acquisition quality, active surveillance progression, or the likelihood of recurrence after treatment by offering clear scores based on validated, universally understood objective criteria. Using these scores improves the quality of prostate MRIs and strengthens the role of the radiologist and imaging in cancer management.

Chairperson's introduction (5 min)

Active surveillance (PRECISE) (15 min)

Image quality (PI-QUAL) (15 min)

Scoring systems used in post-therapeutic contexts (PI-RR, PI-FAB and TARGET) (15 min)

The urologist's perspective (15 min)

Panel discussion: What do prostate MRI scores change in current practice, and what is still needed? (25 min)

E³ 1619 - Breast imaging-reporting and data System (BI-RADS): 30 years on

Categories: Artificial Intelligence, Breast, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (5 min)

Breast imaging-reporting and data system (BI-RADS): 30 years on (20 min)

1. To learn how BI-RADS has evolved in the last 30 years.
2. To describe the current version of BI-RADS for mammography, US and MRI.
3. To understand the impact of key changes in the current version of BI-RADS.

Breast imaging-reporting and data system (BI-RADS): managing challenging category 3 lesions (20 min)

1. To describe the imaging, pathologic and clinical features of category 3 lesions.
2. To describe the common pitfalls associated with interpretation.
3. To highlight ongoing challenges to their management.

Breast imaging-reporting and data system (BI-RADS): the future is AI? (20 min)

1. To describe the current limitations of BI-RADS.
2. To highlight the current status of AI for breast imaging.
3. To understand how AI and other technologies may change future BI-RADS.

Panel discussion: What next for breast imaging-reporting and data system (BI-RADS)? (25 min)

SA 16a - Rectal cancer: where do we stand and where do we go?

Categories: Artificial Intelligence, Evidence-Based Imaging, GI Tract, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 6, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (3 min)

Where do we stand? Primary rectal cancer staging (18 min)

1. To discuss the role of imaging in early rectal cancers.
2. To learn about sphincter complex anatomy in relation to low rectal cancers.
3. To become familiar with extra TNM prognostic imaging markers such as EMVI and mesorectal fascia involvement.

Where do we stand? Restaging (18 min)

1. To outline the key criteria for high-quality MR imaging and recognise common pitfalls in image interpretation following neoadjuvant therapy.
2. To explore the role of MRI in assessing rectal cancer response, focusing on its influence on curative surgical planning and patient selection for organ preservation strategies.
3. To identify MR imaging features indicative of a clinical complete response.

Where do we go? Functional imaging techniques and DWI (18 min)

1. To understand how DWI and other functional imaging may guide decision-making in the clinical management of rectal cancer.
2. To know emerging trends and future developments in functional imaging, including MRI and DWI technology advances.
3. To be familiar with the key limitations and challenges of these techniques.

Where do we go? Use of radiomics and AI (18 min)

1. To understand the principles of radiomics and artificial intelligence (AI) in the context of rectal cancer imaging, including the workflow from image acquisition to data extraction and model development.
2. To evaluate the current and emerging applications of radiomics and AI in rectal cancer for diagnosis, staging, treatment response assessment, and outcome prediction.
3. To identify the main challenges and future directions for the clinical integration of radiomics and AI, including validation strategies, regulatory considerations, and multidisciplinary collaboration.

Panel discussion: Enhanced structured reporting or not? (15 min)

MD 16 - Chronic thromboembolic pulmonary hypertension: new developments in imaging and treatment -recommendations for clinical practice and directions for the future

Categories: Chest, General Radiology, Imaging Methods, Multidisciplinary, Vascular
ETC Level: ALL LEVELS
Date: March 6, 2026 | 16:15 - 17:15 CET

Chairpersons' introduction (2 min)

1. To highlight new developments in the diagnosis and treatment of chronic thromboembolic pulmonary hypertension.
2. To critically review recent evidence in imaging and put this in perspective with the new treatment developments.
3. To provide recommendations for clinical practice and directions for the future.

Chronic thromboembolic pulmonaryhypertension: recent trends (8 min)

The role of imaging in guiding therapeutic decision-making (8 min)

Thromboplasty and thromboaspiration: when, why, and how? (8 min)

Expert panel discussion (30 min)

Wrap-up of connAction (4 min)

AR n16 - How to improve your emergency neuroradiology reports in practice

Categories: Neuro, Professional Issues

ETC Level: LEVEL I+II

Date: March 6, 2026 | 16:30 - 17:30 CET

Tips on improving emergency neuroradiology CT and MRI reports (15 min)

1. To write clear reports addressing pertinent points in neuroradiological emergencies.
2. To communicate effectively and prioritise communication of important findings.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

RC 1712 - Imaging of congenital cardiothoracic anomalies

Categories: Cardiac, Chest, Paediatric
ETC Level: LEVEL II+III
Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Imaging of congenital lung anomalies (15 min)

1. To learn about the most common congenital lung anomalies.
2. To list the typical imaging features that outline the diagnosis from fetal life to childhood, affect treatment choices and differentiate from other entities.
3. To clarify the imaging approach during diagnosis and follow-up of these lesions.

Congenital anomalies of the pulmonary arteries and veins (15 min)

1. To learn about the most common anomalies in the pulmonary arteries and veins.
2. To describe the typical anomalies according to age and time point of presentation.
3. To discuss the choice of imaging in a pre- and post-operative situation.

Vascular rings and slings (15 min)

1. To illustrate the most common and relevant anomalies.
2. To discuss the role of different imaging techniques in the diagnosis of these lesions.
3. To share simple imaging tips and tricks to facilitate accurate diagnosis.

Panel discussion: Can MRI replace CT in imaging of congenital cardiothoracic anomalies? (10 min)

AR 17 - How to improve your musculoskeletal reports

Categories: Musculoskeletal
ETC Level: LEVEL I+II
Date: March 7, 2026 | 08:00 - 09:00 CET

Introduction (10 min)

Improving musculoskeletal reports (50 min)

1. To learn how to improve report readability and understand the importance of a clear, clinically relevant report.
2. To appreciate that report writing is a lifelong evolving process that benefits from constructive criticism and re-evaluation.

RC 1713 - Clinical testing processes for artificial intelligence applications in radiology: from procurement to validation and quality control

Categories: Artificial Intelligence, Imaging Informatics, Medico-legal, Multidisciplinary, Physics in Medical Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairpersons' introduction (5 min)

Optimising AI application procurement: key considerations for integration and compliance in radiology workflows (15 min)

1. To identify essential technical, clinical, and regulatory criteria for evaluating AI solutions during the procurement process.
2. To understand the legal, ethical, and compliance considerations involved in AI procurement, including data privacy, cybersecurity, and adherence to local and international standards (e.g., Conformité Européenne (European CE mark), Food and Drug Administration (FDA), General Data Protection Regulation (GDPR)).
3. To assess strategies for effectively integrating AI applications into existing radiology workflows, ensuring compatibility with PACS/RIS systems, user experience optimisation, and clinician acceptance.

Clinical validation of AI applications in radiology (15 min)

1. To understand the key phases of clinical validation for radiology AI applications.
2. To identify critical success factors and common pitfalls in designing and executing clinical validation processes.
3. To evaluate the role of stakeholders (medical physicists, radiologists, radiographers, IT support, clinicians, data scientists, and regulatory bodies) in shaping validation strategy, and how validation outcomes inform procurement decisions and quality assurance processes.

Ensuring quality and safety in AI-driven radiology systems (15 min)

1. To describe the main principles and frameworks for assessing the quality and safety of AI systems in radiology, including performance monitoring, error analysis, and compliance with clinical standards.
2. To recognise potential risks and failure modes in the deployment of AI tools within radiological workflows, and explore strategies for mitigating harm through continuous validation and human-AI collaboration.
3. To apply best practices for post-deployment surveillance, auditing, and quality assurance, ensuring AI applications maintain clinical effectiveness and safety across diverse patient populations and imaging environments.

Panel discussion: How could we test AI applications before implementing them into clinical practice, taking into account the size and resources of the hospital/department? (10 min)

RC 1708 - Sinonasal and dental imaging

Categories: Head and Neck, Oncologic Imaging
ETC Level: ALL LEVELS
Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Surgically relevant sinonasal anatomy: how do I analyse and structure my report? (15 min)

1. To understand the complex anatomy of the sinonasal region, including critical surgical landmarks and common anatomical variants relevant to endoscopic sinus surgery.
2. To learn a structured and standardised approach to analysing sinonasal CT scans using checklists or mnemonics (e.g., CLOSE) to ensure all surgically important areas are assessed and reported.
3. To develop skills to produce clear, clinically relevant, and structured radiology reports that enhance communication with ENT surgeons and improve surgical planning and patient outcomes.

Imaging complicated acute sinonasal and dental infections (15 min)

1. To recognise the imaging features of complicated acute sinonasal infections, including extension beyond the sinuses and involvement of adjacent structures on CT and MRI.
2. To understand the role of imaging in differentiating sinonasal infections from dental infections and identifying potential complications such as abscess formation or osteomyelitis.
3. To develop a diagnostic checklist of not-to-be-missed findings to guide timely and appropriate management of complicated sinonasal and dental infections.

How I report odontogenic tumours: pearls and pitfalls (15 min)

1. To understand the typical imaging characteristics of odontogenic tumours (e.g., ameloblastomas, keratocystic odontogenic tumours) on CBCT, CT and MRI.
2. To learn to use advanced MRI techniques, including contrast enhancement and diffusion-weighted imaging (DWI), to differentiate odontogenic tumours based on signal intensity patterns, wall thickness, and internal architecture.
3. To develop a systematic approach to interpreting imaging findings to accurately distinguish between benign and potentially aggressive tumours, aiding diagnosis and treatment planning.

Panel discussion: Let’s talk anatomy: reporting that matters in the operating theatre (10 min)

US 17 - What should a radiologist know? Vascular ultrasound from head to toe

Categories: Abdominal Viscera, General Radiology, Head and Neck, Multidisciplinary, Vascular

ETC Level: LEVEL II+III

Date: March 7, 2026 | 08:00 - 09:00 CET

The session provides an overview of current methods, trends, and future innovations in the field of vascular ultrasound. It will provide a comprehensive insight into the technical methods, which will then be deepened using ultrasound of the carotid artery, liver transplants, and dialysis access.

Chairpersons' introduction (4 min)

Carotid artery assessment (13 min)

Ultrasound of liver transplants (13 min)

Ultrasound role in a failing dialysis access (13 min)

Panel discussion: Vascular ultrasound from head to toe (4 min)

The technical details of vascular ultrasound (13 min)

RC 1715 - Acute aortic syndromes: state-of-the-art imaging and treatment

Categories: Emergency Imaging, General Radiology, Interventional Radiology, Vascular

ETC Level: LEVEL I+II

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Pre-procedural imaging (15 min)

1. To discuss the pros, cons and pitfalls of cross-sectional imaging (computed tomography and magnetic resonance angiography) for treatment planning.
2. To optimise imaging protocols.
3. To identify crucial findings for endovascular treatment.

Treatment options for complex endovascular aortic repair (EVAR) (15 min)

1. To discuss the pros, cons and pitfalls of CTA and MRA for treatment planning.
2. To optimise imaging protocols.
3. To identify crucial findings for endovascular treatment.

Follow-up imaging (15 min)

1. To describe current guidelines for follow-up imaging.
2. To discuss advanced imaging techniques for unclear cases.

Q&A (10 min)

RC 1711 - Miscellaneous diseases of the CNS: navigating diagnostic challenges

Categories: Emergency Imaging, Neuro
ETC Level: LEVEL II+III
Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (2 min)

Brain infections in disguise: radiologic pitfalls and pearls in complex hosts (16 min)

1. To learn to recognise typical and atypical imaging patterns of brain infections in immunocompromised and clinically complex patients.
2. To understand common diagnostic pitfalls and how the appropriate choice of imaging technique and timing can help avoid misinterpreting infectious findings.
3. To gain practical strategies to improve diagnostic accuracy and support clinical decision-making in this increasingly diverse and challenging population.

Decoding non-multiple sclerosis central nervous system demyelinating disorders (16 min)

1. To develop a solid approach to identifying CNS demyelination beyond classic multiple sclerosis, using appropriate imaging protocols and updated diagnostic strategies.
2. To learn how to differentiate key patterns in inflammatory and autoimmune demyelinating conditions, including recognising newer radiological features.
3. To understand when to consider alternative diagnoses and how radiological interpretation can guide early classification and influence patient management.

Toxins in the brain: essential insights for radiologists on creating clinically useful reports (16 min)

1. To become familiar with the imaging presentations of toxic and metabolic brain disorders, and learn to recognise patterns suggestive of specific underlying etiologies.
2. To understand when to consider a toxic-metabolic process and how to incorporate it meaningfully into your differential diagnosis.
3. To learn how to tailor your report to highlight findings that support clinical suspicion, inform prognosis, and prompt appropriate follow-up.

Q&A (10 min)

ESR Education 17 - The radiologist's role in medical education: sharing knowledge without losing authority

Categories: Education, Professional Issues

ETC Level: LEVEL II+III

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Empowering through imaging: why all referrers benefit from radiology literacy? (10 min)

1. To understand the evolving role of radiologists in medical education and interdisciplinary teaching.
2. To recognise how radiologists support non-radiologists in selecting appropriate imaging tests and interpreting results accurately.
3. To explore practical strategies to enhance radiology literacy and foster effective collaboration across specialities.

Walking the line: sharing imaging expertise without undermining our speciality (10 min)

1. To explore how radiologists can share imaging expertise while contributing to the education of other healthcare professionals.
2. To understand the importance of balancing interdisciplinary collaboration with preserving the unique identity of the radiology speciality.
3. To identify strategies for positioning radiologists as the leading authorities in imaging interpretation.

Radiology education as a catalyst for multidisciplinary collaboration (10 min)

1. To learn how radiology education strengthens teamwork and improves patient care.
2. To recognise the impact of radiologist-led training in enhancing communication, diagnostic efficiency and clinical accuracy.
3. To understand how integrating imaging education into multidisciplinary teams can strengthen the radiologist's role as a leader in healthcare delivery.
4. To discuss whether and how integrating diagnostic biomarkers (integrated diagnosis) would impact radiologists' role and education.

Panel discussion: How do we share knowledge without losing visibility, authority or leadership? (25 min)

BS 17 - Prostate imaging: basics for young radiologists

Categories: General Radiology, Genitourinary, Imaging Methods

ETC Level: LEVEL I+II

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Introduction to prostate MRI and PI-RADS scoring (15 min)

1. To explain normal vs abnormal prostate on MRI.
2. To present the PI-RADS classification (basic interpretation skills).
3. To learn how to differentiate between BPH vs prostate cancer.

Structured report writing: clear and concise prostate imaging reports (15 min)

1. To learn how to write a structured report.
2. To understand what to include in the report.
3. To discuss the importance of standardised reporting formats.

Case review (25 min)

1. To become familiar with typical prostate cancer in the peripheral zone.
2. To know the imaging findings of transition zone tumours.
3. To know the most frequent differential diagnoses.

RC 1702 - Breast imaging in 2026

Categories: Breast, Contrast Media, Imaging Methods

ETC Level: LEVEL II

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

The role of tomosynthesis in a world of contrast imaging (15 min)

1. To understand the fundamental differences between contrast-enhanced imaging and tomosynthesis by exploring how each technique works and what their individual roles in breast imaging are.
2. To evaluate the complementary roles of contrast-enhanced imaging and tomosynthesis in clinical practice and how they may be combined.
3. To assess future potential and technological advancements for both imaging techniques.

Contrast-enhanced mammography (CEM) vs MRI: are they comparable across all indications? (15 min)

1. To identify the specific clinical indications for which CEM and MRI are used in breast imaging.
2. To evaluate diagnostic accuracy in various clinical scenarios, explore each technique's advantages and limitations.
3. To explore patient preferences and experiences with CEM and MRI, considering factors such as comfort, accessibility, and cost.

AI in clinical practice: what's working now? (15 min)

1. To identify and describe how diagnostic AI technologies are currently being used in breast imaging, in both the screening and symptomatic settings.
2. To explore the challenges and best practices for integrating AI into existing clinical systems and workflows.
3. To discuss the practical considerations for breast imagers, such as training of staff, adoption barriers, and the future potential of AI in breast imaging.

Panel discussion: What will breast imaging look like in 2030? (10 min)

RC 1700 - Imaging in pregnant patients: balancing indications, diagnostic accuracy and radiation doses

Categories: EuroSafe Imaging/Radiation Protection, Foetal, Genitourinary, Medico-legal, Multidisciplinary, Physics in Medical Imaging

ETC Level: LEVEL I+II

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairpersons' introduction (5 min)

Setting the scene: foetal doses and associated risks in diagnostic imaging and beyond (11 min)

1. To evaluate the risks from ionising radiation to the foetus, and what are the international recommendations concerning risk assessment.
2. To be aware of the order of magnitude of foetal doses in different diagnostic and therapeutic procedures.
3. To understand how to communicate and support pregnant patients who need diagnosis or treatment with ionising radiation.

Behind the optimisation: foetal dose-management in radiology procedures (11 min)

1. To understand how we can optimise medical imaging for pregnant patients to minimise foetal dose by modifying acquisition parameters.
2. To be aware of the type and accuracy of the methods and tools available for foetal dose estimation.
3. To understand and act according to local regulations concerning unintended exposure while considering the spirit of the international recommendation on this topic.

Clinical indications and existing guidelines for imaging pregnant patients (11 min)

1. To remind of the clinical scenarios justifying imaging in pregnant patients.
2. To enumerate current guidelines for the safe use of X-ray, CT, MRI, and ultrasound when required during pregnancy.
3. To learn about low-dose CT and non-contrast MRI advancements for safer imaging.

Focus on renal stone imaging in emergency (11 min)

1. To detail current indications requiring urgent imaging evaluation during pregnancy.2. To learn how to evaluate ultrasound, low-dose CT, and MRI for safe stone diagnosis of stone migration during pregnancy.3. To explore dual-energy CT and advanced ultrasound for improved renal stone detection with minimal radiation.

Panel discussion: Evidence vs. perception - are we too conservative in imaging pregnant patients? (11 min)

RC 1703 - Structural heart disease: measurements, reporting and complications

Categories: Cardiac, Imaging Methods, Vascular

ETC Level: LEVEL II+III

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Surgical and transcatheter aortic valve implantation (15 min)

1. To describe the technique of surgical and transcatheter aortic valve implantation procedures.
2. To describe the role of CT imaging in planning and post-procedural evaluation of valve interventions.
3. To recognise the most important CT imaging findings of complications after valve interventions and surgery.

Atrioventricular valve repair and replacement (15 min)

1. To demonstrate the complex anatomy of the mitral annulus.
2. To describe potential strategies for mitral valve repair and replacement.
3. To understand the relevance of CT-based measurements for mitral valve interventions.

Atrial cardiomyopathy: preinterventional imaging (15 min)

1. To define atrial cardiomyopathy and identify its pathological hallmarks.
2. To summarise the aims of pre-AF ablation imaging.
3. To differentiate procedural planning markers from prognostic features.

Q&A (10 min)

How 17 - How we perform image-guided abdominal interventions in everyday radiological practice

Categories: Abdominal Viscera, Emergency Imaging, GI Tract, Interventional Radiology

ETC Level: LEVEL I+II

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (2 min)

Percutaneous liver biopsy (15 min)

1. To become familiar with the indications and results of percutaneous liver biopsy.
2. To learn about the different biopsy systems (coaxial systems, end-cut versus side notch).
3. To understand tips and tricks for choosing the best image guidance (US/CT) and optimising the technique of needle placement.

Percutaneous abscess drainage (15 min)

1. To become familiar with the indications and results of percutaneous abscess drainage.
2. To understand tips and tricks for optimising the technique and choosing the right drainage size.
3. To learn about appropriate follow-up for drain removal and strategies for long-term salvage.

Percutaneous cholecystostomy (15 min)

1. To understand the clinical indications, contraindications, and patient selection criteria for percutaneous cholecystostomy, particularly in acute cholecystitis and critically ill patients unfit for surgery.
2. To become familiar with the imaging guidance methods and technical steps of the procedure, including transhepatic versus transperitoneal approaches, catheter types, and imaging modalities used.
3. To learn about post-procedural management principles and complications, and discuss the role of percutaneous cholecystostomy as a bridge to surgery versus definitive therapy.

Open forum discussion (13 min)

RC 1701 - Small bowel obstruction: let’s stop wandering!

Categories: Abdominal Viscera, Contrast Media, Emergency Imaging, Evidence-Based Imaging

ETC Level: LEVEL I

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (3 min)

Standardised protocols and diagnostic approach using CT (15 min)

1. To define key CT acquisition parameters and oral contrast strategies.
2. To describe a structured CT reporting approach.
3. To discuss the possible role of MRI and ultrasound.

Adhesive-related small bowel obstruction: diagnostic criteria for identifying severe cases (15 min)

1. To recognise early signs of bowel ischemia and closed-loop obstruction.
2. To assess the predictive value of specific CT findings (e.g. decreased enhancement, mesenteric congestion).
3. To guide urgent surgical decision-making based on imaging.

When it’s not an adhesive band: looking beyond the obvious (15 min)

1. To identify less common causes of small bowel obstruction: neoplasms, internal hernias, endometriosis, and inflammatory diseases.
2. To review imaging strategies for tricky and subtle cases.
3. To propose diagnostic algorithms based on clinical and imaging clues.

Panel discussion: CT as the decision tool: how far can we go? (12 min)

RC 1707 - Different faces of endometriosis: a diagnostic challenge

Categories: Education, Genitourinary, Imaging Methods, Research
ETC Level: LEVEL II+III
Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Imaging strategy according to clinical context (15 min)

1. To learn about endometriosis and fertility sparing from a gynaecologist's perspective.
2. To understand the imaging strategy in endometriosis patients with chronic pain.
3. To understand what the surgeon needs to know before surgery and the surgical landmarks of interest.

Adnexal endometriosis: value of the combination of different techniques (15 min)

1. To understand the role of ultrasound in managing patients with endometriosis.
2. To understand the role of MRI in managing patients with endometriosis.
3. To learn about the imaging features of malignant transformation of endometriosis.

Deep endometriosis: how I read an MRI so as not to miss any location? (15 min)

1. To understand the role of MRI in diagnosing deep endometriosis.
2. To learn about the diagnostic accuracy and pitfalls of MRI
3. To understand the clinical implications of imaging.

Panel discussion: How to use the new imaging guidelines in clinical practice? (10 min)

RC 1716 - Normal variants and mimics in oncologic imaging

Categories: Chest, Genitourinary, GI Tract, Oncologic Imaging

ETC Level: LEVEL I

Date: March 7, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (3 min)

Chest imaging (12 min)

1. To understand how benign pathology may mimic cancer.
2. To learn about normal variants which may resemble cancer.
3. To know how to avoid discrepancies in interpretation.

Gastrointestinal imaging (12 min)

1. To understand how benign pathology may mimic GI cancer.
2. To learn about normal variants which may resemble GI cancer.
3. To know how to avoid discrepancies in interpreting GI lesions.

Female pelvis imaging (12 min)

1. To understand how benign pathology may mimic gynaecological cancer.
2. To learn about normal variants which may resemble gynaecological cancer.
3. To know how to avoid discrepancies in interpreting gynaecological lesions.

Skeletal imaging (12 min)

1. To understand how benign pathology can mimic bone malignancies.
2. To learn about normal variants which may resemble malignant tumours.
3. To know how to avoid interpretation errors.

Panel discussion: Errors and discrepancies in oncologic imaging (9 min)

CUBE 19 - Flow diverters in action: intra- and extra-saccular devices and the role of coatings

Categories: Interventional Radiology, Neuro
ETC Level: LEVEL I
Date: March 7, 2026 | 09:00 - 09:30 CET

Chairperson's introduction (2 min)

Flow diverters in action: intra- and extra-saccular devices and the role of coatings (28 min)

1. To learn about the differences between intra- and extra-saccular flow diverter devices and their indications.
2. To appreciate the role of device coatings in reducing thrombogenicity and optimising procedural safety.
3. To understand patient selection, procedural planning, and strategies for complication management in flow diverter therapy.

HW Ui 18 - Interventional ultrasound: biopsy and fine needle aspiration (FNA) techniques in the head and neck

Categories: Head and Neck, Interventional Radiology

ETC Level: ALL LEVELS

Date: March 7, 2026 | 09:30 - 11:00 CET

Introduction: tips and tricks (30 min)

1. To learn about the basic principles of performing an ultrasound guided biopsy and fine needle aspiration (FNA).
2. To become familiar with the types of biopsy needles and needle size for FNA.
3. To understand the different techniques of FNA and how to spread and prepare slides.
4. To learn about the potential pitfalls to avoid.

Hands-on demonstration (60 min)

Demonstrators

Workshop assistant

EU 18 - Diagnostic reference levels (DRLs): a key to optimised radiation dose

Categories: Artificial Intelligence, EuroSafe Imaging/Radiation Protection, Paediatric

ETC Level: LEVEL II+III

Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (3 min)

From basic concepts to dynamic DRLs: evolution and clinical impact (18 min)

1. To explain the core concept of DRLs.
2. To outline the limitations of static approaches and define the term "dynamic DRLs".
3. To analyse the clinical impact of implementing DRLs on optimisation.

Expanding DRLs beyond traditional modalities (e.g., hybrid imaging, imaging in RT) (18 min)

1. To define the role of DRLs in hybrid imaging and radiotherapy imaging.
2. To identify challenges in establishing DRLs in hybrid imaging and radiotherapy imaging.
3. To review current approaches for DRL development in hybrid imaging and radiotherapy imaging.

Challenges in setting paediatric DRLs (18 min)

1. To identify the specific characteristics of paediatric patients that make establishing DRLs more complex compared to adults.
2. To explain the challenges associated with patient grouping for paediatric DRLs.
3. To describe the practical difficulties in collecting data for paediatric examinations across diverse institutions and equipment.

Harnessing big data and AI for DRLs: advancing establishment, application, and training (18 min)

1. To appreciate the role of AI in the establishment and use of DRLs.
2. To understand the potential applications of AI in DRLs, including education and training.
3. To learn how AI can assist in dose estimation and radiation protection optimisation.

Panel discussion: Adult and paediatric DRLs: what can we expect in the years to come? (15 min)

IAEA - Enhancing quality and safety in medical imaging: an IAEA global perspective

Categories: Artificial Intelligence, Education, EuroSafe Imaging/Radiation Protection, Evidence-Based Imaging, Physics in Medical Imaging

ETC Level: LEVEL II

Date: March 7, 2026 | 09:30 - 11:00 CET

This session will explore the momentum toward achieving the highest quality, safest, most efficient, and most appropriate uses of medical imaging worldwide, across the entire clinical imaging pathway and within diverse country contexts. Topics will cover imaging appropriateness; the role of EuroSafe in strengthening quality and safety across borders; the updated IAEA global data on medical imaging access and its efforts to improve imaging sustainability, including technology transfer and capacity building; and the evolving role of AI in clinical imaging and research.

Chairpersons' introduction (5 min)

ESR EuroSafe Imaging: strengthening quality and safety across borders in cooperation with IAEA (15 min)

On-the-ground implementation of clinical imaging protocols and standardised reporting: achieving diagnostic objectives worldwide (9 min)

Medical imaging quality quest: importance of quality management (9 min)

Global imaging resources: how much is available? Technology transfer to low- and middle-income countries and capacity building (9 min)

The patient's perspective in modern medical imaging: justification insights from a cancer survivor and radiation expert (9 min)

The evolving role of AI in clinical imaging workflow, the patient pathway, and coordinated research (9 min)

WHA resolution on strengthening medical imaging capacity (10 min)

Panel discussion (15 min)

SF 18c - Clinical benefits and challenges of an expanding role of artificial intelligence (AI) in radiology

Categories: Artificial Intelligence, Multidisciplinary, Physics in Medical Imaging

ETC Level: LEVEL II

Date: March 7, 2026 | 09:30 - 11:00 CET

This session aims to provide a state-of-the-art overview of the current status of implementing AI solutions for diagnostic and therapeutic radiology applications. This overview will cover a wide range of AI solutions throughout the entire radiology framework, from the physics of image formation to the usage of image-derived biomarkers and their exploitation in clinical practice. The session will conclude with a panel discussion on the next objective of AI implementations in radiology and the associated challenges.

Chairperson's introduction (5 min)

AI in CT image acquisition and reconstruction: maximising benefits, minimising pitfalls (20 min)

Leveraging AI to enhance oncological patient pathways: innovations in radiomics and radiotherapy planning (20 min)

From innovation to implementation: challenges and enablers for AI in clinical radiology (20 min)

Panel discussion: AI along the entire patient journey: what the future may hold, ensuring meaningful impact while tackling key challenges (25 min)

E³ 1823 - Head and neck

Categories: Head and Neck
ETC Level: LEVEL I+II
Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (6 min)

Head and neck anatomy simplified (28 min)

1. To give an overview of key regions: the nasal cavity, paranasal sinuses, oral cavity, oropharynx, larynx, hypopharynx, and skull base. 2. To highlight the normal anatomy through CT and MRI examples. 3. To describe common anatomical variations: what to know and when to worry.

Emergencies in head and neck imaging (28 min)

1. To identify critical conditions: deep neck infections, traumatic injuries, and airway obstructions.
2. To describe a practical approach: what to report urgently and how to prioritise findings.
3. To illustrate real-world case discussions with interactive audience participation.

TNM, node-RADS, and iENE (28 min)

1. To give an overview of the TNM staging system for head and neck cancers, with practical imaging examples.
2. To introduce node-RADS for lymph node evaluation, including criteria, applications, and pitfalls, and to understand iENE (extranodal extension), how to identify it and its impact on staging and treatment.
3. To illustrate staging in real-world scenarios.

E³ 1818 - Urology

Categories: Genitourinary, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (5 min)

Renal tumours (35 min)

Prostate cancer (35 min)

Challenging case presentation by the moderator and discussed by the tandems (15 min)

E³ 1821b - Gamification and radiology

Categories: Education, Medico-legal, Professional Issues
ETC Level: LEVEL II+III
Date: March 7, 2026 | 09:30 - 11:00 CET

Gamification and education in radiology (45 min)
1. To explain how gamification can be useful in daily radiological practice.

Game-based learning and job organisation (45 min)
1. To explain the connections among gamification, learning and job organisation.

PA 18 - Emotional intelligence and empathy (part 1): theory

Categories: Education, General Radiology, Professional Issues, Radiographers

ETC Level: LEVEL I+II

Date: March 7, 2026 | 09:30 - 11:00 CET

Evidence of impact of emotional intelligence and empathy on patients and professionals (20 min)

1. To explore the evidence on the patient-centred benefits linked to emotional intelligence (EI) and empathy.
2. To consider how EI and empathy improve satisfaction, trust, and cooperation.
3. To describe how EI and empathy support clinician well-being, resilience, reduce burnout, and enhance communication, teamwork and professional satisfaction.

Its value from a patient's perspective (15 min)

1. To understand how emotional intelligence applied by medical professionals improves communication for various groups of patients.
2. To explore real patients' life examples to facilitate shared decision making.
3. To learn about the ESR Patient Advisory Group (PAG) and ESR-endorsed initiatives to support the implementation of emotional intelligence in communication.

Its value from a professional's perspective (15 min)

1. To understand how radiology professionals perceive value EI and empathy in their practice.
2. To reflect on professional experiences where empathy shaped clinical decision-making and patient rapport.
3. To recognise common challenges and benefits associated with empathic care.

Enhancing our emotional intelligence and empathy (15 min)

1. To explore the evidence on developing EI and empathy in education and training programmes.
2. To identify strategies and tools for developing EI and empathy in the curriculum and among radiology professionals.
3. To explore approaches to enhance self-awareness, emotional regulation, and empathic communication.

Panel discussion: Valuing EI and empathy: let's make a difference together! (20 min)

BS 18b - Radiography as a whole: connection competencies of the three branches

Categories: Nuclear Medicine, Oncologic Imaging, Radiographers

Date: March 7, 2026 | 09:30 - 10:30 CET

This session highlights the integrative potential of radiography by connecting competencies across diagnostic imaging, therapy, and nuclear medicine. With a focus on cutting-edge technologies such as MRI-Linac, theranostics, proton therapy, and PET-MRI, it showcases how radiographers can bridge disciplines to enhance patient care and innovation.

Chairperson's introduction (5 min)

MRI-Linac (10 min)

Theranostics (10 min)

Proton therapy (10 min)

PET-MRI (10 min)

Panel discussion: Flexibility and adaptability of radiographers to potentiate the use of new technologies, techniques and therapies (15 min)

ESR Undergraduate 18 - Back to the basics: classic signs in radiology

Categories: Education
ETC Level: LEVEL I
Date: March 7, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (5 min)

Classic signs in head and neck radiology (16 min)

1. To illustrate the most common classic signs related to head and neck radiology.
2. To discuss their implications in daily practice and potential pitfalls of interpretations.

Classic signs in neuroradiology (16 min)

1. To illustrate the most common classic signs related to neuroradiology.
2. To discuss their implications in daily practice and potential pitfalls of interpretations.

Classic signs in paediatric radiology (16 min)

1. To illustrate the most common classic signs related to paediatric radiology.
2. To discuss their implications in daily practice and potential pitfalls of interpretations.

Panel discussion: What is the role of classic signs in radiology today? (7 min)

BS 18a - Intervertebral disc pathology: herniations, bulges and modic changes

Categories: Musculoskeletal

ETC Level: LEVEL I+II

Date: March 7, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (5 min)

Basic anatomy and biomechanics of intervertebral discs (10 min)

1. To present the intervertebral disc structure: nucleus pulposus, annulus fibrosus, endplates.
2. To explain the role in spinal stability and motion.

Types of disc pathology: definitions and imaging features (10 min)

1. To differentiate between disc bulge vs herniation on MRI.
2. To present T2-weighted MRI findings between disc protrusion vs extrusion vs sequestration.
3. To correlate clinical relevance with symptoms.

Modic changes: what they mean and why they matter (10 min)

1. To present type 1: edema/inflammation (T2 hyperintense, T1 hypointense). 2. To present type 2: fatty degeneration (T1 hyperintense, T2 isointense). 3. To present type 3: sclerosis (T1 and T2 hypointense). 4. To correlate with degenerative disc dis

Case-based learning: real MRI examples - reporting tips for young radiologists (25 min)

1. To discuss interactively common findings.
2. To recognise pitfalls and mimics such as infections and tumours.
3. To present standardised terminology such as Fardon and Milette classification.
4. To recommend when further imaging or intervention is needed.

IF 18 - From snapshots to a story: AI in follow-up imaging after oncologic treatment

Categories: Artificial Intelligence, Evidence-Based Imaging, Imaging Informatics, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 7, 2026 | 09:30 - 11:00 CET

Regular follow-up imaging is a cornerstone of oncologic care, enabling the monitoring of disease progression and treatment response. In radiology, this process involves the structured acquisition of comparable imaging studies over time - these individual exams are complete in their meaning based on their temporal relationship to one another. This session explores how AI already helps radiologists by enhancing and optimising oncologic follow-up imaging and how it can facilitate a more holistic assessment of oncological patients.

Chairperson's introduction (5 min)

The groundwork: segmentation and lesion detection (20 min)

The next steps: lesion characterisation - typification (20 min)

The future: evolution of oncologic follow-up imaging assessments (20 min)

Panel discussion: When will AI automate manual work in oncologic imaging? (25 min)

ESNR - The beauty of neuroradiology

Categories: Artificial Intelligence, Emergency Imaging, Interventional Radiology, Neuro, Students

ETC Level: ALL LEVELS

Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (4 min)

Why neuroradiology is the ultimate subspecialty choice (18 min)

1. To understand the unique intellectual and diagnostic challenges that make neuroradiology a fulfilling career choice.
2. To recognise the opportunities for growth and interdisciplinary collaboration within neuroradiology.
3. To analyse cases within neuroradiology that illustrate the satisfaction of a career in neuroradiology.

From pixels to prognosis: how diagnostic neuroradiology impacts lives? (18 min)

1. To demonstrate how timely and precise neuroradiologic interpretation informs clinical decision-making and alters prognosis.
2. To present real-world cases in which diagnostic imaging was key to the patient's diagnosis, treatment, or outcome.
3. To define the evolving role of neuroradiologists as key contributors to multidisciplinary, patient-centred care.

From pixels to prognosis: how interventional neuroradiology impacts lives? (18 min)

1. To illustrate how key interventional neuroradiology techniques (e.g. stroke thrombectomy, aneurysm coiling) translate imaging into immediate and long-term patient outcomes.
2. To demonstrate how interventional neuroradiology made a life-saving difference.
3. To formulate the evolving therapeutic role of (interventional) neuroradiologists in acute and elective settings.

The future is now: scientific developments driving neuroradiology (18 min)

1. To name current and emerging technologies shaping the field of neuroradiology (e.g., AI, radiomics, ultra-high-field MRI, molecular imaging).
2. To understand how research and innovation in neuroradiology translate into clinical practice.
3. To inspire engagement in scientific discovery and technological adoption among young radiologists.

Panel discussion: Why is neuroradiology so wonderful? (14 min)

How 18 - How we overcome imaging challenges in the thoracic outlet

Categories: Chest, Head and Neck, Musculoskeletal, Neuro, Vascular

ETC Level: LEVEL I+II

Date: March 7, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (2 min)

Brachial plexus (15 min)

1. To learn how to tailor MRI sequences and how to mitigate artefacts for brachial plexus imaging.
2. To review key anatomic landmarks on imaging and how to reliably identify the different plexus components.
3. To become familiar with the most common brachial plexus pathologies and how to differentiate them from mimics using a case-based approach.

Vascular thoracic outlet syndrome (TOS) (15 min)

1. To learn how to perform and interpret positional imaging studies, US, CT, and MRI for TOS evaluation.
2. To understand how to choose imaging protocols tailored to neurogenic versus vascular TOS.
3. To become familiar with imaging abnormalities and their clinical presentation to improve diagnostic confidence using a case-based approach.

Lung apex pathologies (15 min)

1. To understand protocol modifications for optimised lung apex visualisation on CT and MRI scans.
2. To learn about the imaging appearance of the most common benign and malignant lesions found in the lung apices.
3. To understand the management strategies for incidental findings in the lung apex.

Open forum discussion (13 min)

E³ 1821a - Diagnostic imaging in transgender patients

Categories: Breast, Genitourinary

ETC Level: LEVEL III

Date: March 7, 2026 | 09:30 - 11:00 CET

Non-neoplastic diseases in transgender patients (45 min)

1. To become familiar with the appropriate imaging studies in transgender patients.
2. To learn how to integrate different imaging techniques useful in the early detection of these pathological conditions.

Genitourinary tumours in transgender patients (45 min)

1. To become familiar with genitourinary tumours in transgender patients.
2. To learn how to integrate different imaging techniques useful in the early detection of these tumours.

MS 18 - Female pelvic pain: from symptom to diagnosis

Categories: Emergency Imaging, Genitourinary, Imaging Methods, Multidisciplinary, Oncologic Imaging, Paediatric
ETC Level: LEVEL II
Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (5 min)

Framework for diagnostic tests (21 min)

1. To learn the typical clinical presentations in acute female pelvic pain.
2. To appreciate the differential diagnoses for acute and chronic pain.
3. To understand the key diagnostic tests.

Imaging strategies in acute pelvic pain (21 min)

1. To learn the appropriate imaging tests in acute pain.
2. To appreciate the key imaging features on ultrasound.
3. To understand the role of CT and MRI in acute pelvic pain.

Imaging strategies in chronic pelvic pain (21 min)

1. To learn appropriate imaging tests in chronic pelvic pain.
2. To appreciate key imaging features on US and MRI.
3. To understand the important considerations in the report to allow optimal treatment planning.

Multidisciplinary case discussion (22 min)

SF 18a - The holy grail of postoperative imaging and complications

Categories: General Radiology, Imaging Methods, Musculoskeletal

ETC Level: ALL LEVELS

Date: March 7, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (2 min)

When anatomy changes: imaging the shoulder after surgery (18 min)

1. To know the typical surgical techniques in shoulder surgery and their appearance on imaging.
2. To know the spectrum of normal and asymptomatic imaging findings after shoulder surgery.
3. To know the typical complications and their appearance on imaging.

MRI to the rescue: decoding the postsurgical knee (18 min)

1. To know the typical knee MR protocol.
2. To outline different knee operation techniques and the correlated MR images, focusing on ligaments and menisci.
3. To become more familiar with the different knee anatomy on MRI before and after surgery, focusing on cruciate ligament reconstruction and meniscal repair.

Hip happens: what post-op imaging reveals (18 min)

1. To recognise the post-operative imaging appearances of hip preservation surgery, specifically acetabuloplasty, osteochondroplasty, peri-acetabular osteotomy and derotational femoral osteotomy.
2. To compare these features with pre-operative anatomy.
3. To recognise early complications, including chondral / chondrolabral failure, avascular necrosis and over- or under-correction.

From hardware to healing: screws, scans, and shenanigans (18 min)

1. To outline the unique challenges of post-operative spine imaging.
2. To provide state-of-the-art imaging techniques.
3. To describe potential pitfalls when reporting post-operative scans.

Panel discussion: Difficulties and pitfalls in postoperative MRI (15 min)

AR m18 - How to improve your musculoskeletal reports in practice

Categories: Musculoskeletal
ETC Level: LEVEL I+II
Date: March 7, 2026 | 10:00 - 11:00 CET

Introduction (5 min)

General considerations (10 min)

1. To learn some tips on improving your musculoskeletal reports.
2. To appreciate that your musculoskeletal report is the most important part of what you do as a radiologist.
3. To understand that improving our reports is a lifelong exercise. We should all be mindful of improving our reports and making them as understandable and actionable as possible.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

EFRS 18 - Empowering Radiography Education for the 21st Century

Categories: Education, Professional Issues, Radiographers

Date: March 7, 2026 | 10:30 - 11:30 CET

This session will focus on the future of radiography education and the elements needed to strengthen the profession's growth. Presentations will explore the key "ingredients" of a radiography programme that empowers professional development, address student well-being, coping strategies, and resilience, and examine how active learning approaches can be implemented effectively. Together, these perspectives aim to provide educators and stakeholders with strategies to create learning environments that support both academic excellence and personal growth.

Moderator:

Karen Brage; Odense / Denmark

Chairperson's introduction (5 min)

Karen Brage; Odense / Denmark

What should be the "ingredients" for a radiography programme that empowers the profession growing? (12 min)

Joana Santos; Coimbra / Portugal

1. Define Core Competencies to empower Future-Ready Radiographers
2. Promote Innovation and Interdisciplinary Learning
3. Foster a Culture of Lifelong Learning and Leadership

Radiographer student well-being, coping and resilience (12 min)

Mohamed M. Abuzaid; Sharjah / United Arab Emirates

1. Identify key factors that influence student well-being (e.g., social, emotional, academic, environmental)
2. Demonstrate the role of coping strategies (adaptive vs. maladaptive) in managing stress and promoting well-being
3. Empower educators to support students' well-being

How to implement active learning into radiography education (12 min)

Malene Roland Pedersen; Vejle / Denmark

1. Define the role of active learning in radiography education
2. Showcase engaging strategies and tools
3. Empower educators to cultivate motivation and ownership

Panel Discussion (19 min)

CUBE 20 - Challenging and unusual cases of ruptured aneurysms and mechanical thrombectomies

Categories: Interventional Radiology, Neuro
ETC Level: LEVEL II
Date: March 7, 2026 | 10:30 - 11:00 CET

Chairpersons' introduction (2 min)

Challenging and unusual cases of ruptured aneuryss and mechanical thrombectomies (28 min)

1. To learn strategies for managing complex and atypical ruptured aneurysms and difficult thrombectomy cases.
2. To appreciate technical considerations, device selection, and procedural nuances in challenging neurointerventions.
3. To understand technical considerations, device selection, and procedural nuances in challenging neurointerventions.

PL 3 - Liver Lover

Categories: Abdominal Viscera, President's Choice
Date: March 7, 2026 | 11:30 - 12:00 CET

Introduction (2 min)
Minerva Becker; Geneva / Switzerland

Liver Lover (28 min)
Valérie Vilgrain; Clichy / France

CUBE 21 - The future of neurointervention: upcoming devices and treatment ideas

Categories: Interventional Radiology, Neuro
ETC Level: LEVEL III
Date: March 7, 2026 | 12:00 - 12:30 CET

Chairperson's introduction (2 min)

The future of neurointervention: upcoming devices and treatment ideas (28 min)

1. To learn about novel devices, imaging tools, and AI applications in neurointervention.
2. To appreciate the potential impact of technological advances on clinical workflows and patient outcomes.
3. To understand current limitations and challenges that need to be addressed before broad clinical adoption.

HW Ui 19 - Interventional ultrasound: biopsy and fine needle aspiration (FNA) techniques in the head and neck

Categories: Head and Neck, Interventional Radiology

ETC Level: ALL LEVELS

Date: March 7, 2026 | 12:00 - 13:30 CET

Introduction: tips and tricks (30 min)

1. To learn about the basic principles of performing an ultrasound guided biopsy and fine needle aspiration (FNA).
2. To become familiar with the types of biopsy needles and needle size for FNA.
3. To understand the different techniques of FNA and how to spread and prepare slides.
4. To learn about the potential pitfalls to avoid.

Hands-on demonstration (60 min)

Demonstrators

Workshop assistant

AR m19 - How to improve your musculoskeletal reports in practice

Categories: Musculoskeletal

ETC Level: LEVEL I+II

Date: March 7, 2026 | 12:30 - 13:30 CET

Introduction (5 min)

General considerations (10 min)

1. To learn some tips on improving your musculoskeletal reports.
2. To appreciate that your musculoskeletal report is the most important part of what you do as a radiologist.
3. To understand that improving our reports is a lifelong exercise. We should all be mindful of improving our reports and making them as understandable and actionable as possible.

Cases review, interactive discussion and critiquing of reports (45 min)

1. To critique reports and suggest ways of improving them.
2. To show how to make reports brief yet clinically pertinent.

EDiR 19 - AI-driven exam question generation for radiology

Categories: Artificial Intelligence, Education
ETC Level: LEVEL I+II
Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Practical aspects of AI-assisted radiology exam question generation (10 min)

1. To learn how AI tools can assist in generating radiology exam questions.
2. To appreciate the potential of AI in enhancing exam preparation.
3. To understand the impact of AI on radiology exam preparation.

Impact on radiology examination standardisation (10 min)

1. To learn how AI can help tailor question difficulty.
2. To appreciate how AI ensures an optimal balance of question difficulty.
3. To understand the impact of AI on question difficulty management.

Ensuring fairness and bias mitigation in AI-generated exam questions (10 min)

1. To learn how AI models can introduce bias in exam question generation.
2. To appreciate strategies for ensuring fairness and diversity in AI-assisted question creation.
3. To understand AI's ethical and practical challenges in radiology exam standardisation.

The future of AI in exam preparation in radiology (10 min)

1. To learn about the future of AI in radiology exam preparation.
2. To appreciate the benefits and challenges.
3. To understand the future developments needed.

Panel discussion: The future of AI in radiology exam preparation: opportunities and challenges (15 min)

AR 19 - How to sound like an expert: reports on chronic liver disease

Categories: Abdominal Viscera
ETC Level: LEVEL I+II
Date: March 7, 2026 | 12:30 - 13:30 CET

Introduction (10 min)

Improving your liver disease reports (50 min)

1. To learn how to structure liver imaging reports that are clear, standardised, and relevant.
2. To appreciate that strong collaborations with clinical partners enhance the quality of our reports.
3. To learn how to navigate through pitfalls in liver imaging and communicate diagnostic confidence levels appropriately.

RC 1908 - Updates on head and neck cancer imaging

Categories: Head and Neck, Molecular Imaging, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Sinonasal tumours: what you need to know (15 min)

1. To understand the principles and components of the Neck Imaging Reporting and Data System (NIRADS) for standardised reporting in post-treatment neck surveillance.
2. To learn how to apply NIRADS criteria to interpret imaging findings consistently and improve communication between radiologists and clinicians.
3. To recognise the impact of standardised reporting on patient management, including detecting residual or recurrent disease and guiding further treatment decisions.

Imaging of extranodal tumour extension: why and how should it be done? (15 min)

1. To understand the clinical significance of extranodal extension (ENE) in head and neck cancers and its impact on prognosis and treatment planning.
2. To learn the imaging features on CT and MRI that indicate the presence of extranodal extension in lymph nodes.
3. To develop a systematic approach to accurately identify and report ENE to support optimal staging and therapeutic decision-making.

HPV status and staging in oropharyngeal carcinoma (15 min)

1. To understand the role of HPV status, particularly p16 immunohistochemistry, in the diagnosis and classification of oropharyngeal squamous cell carcinoma.
2. To learn the differences between HPV-positive and HPV-negative oropharyngeal cancer staging according to the latest AJCC TNM 9th edition system and their prognostic implications.
3. To apply knowledge of HPV-related staging to guide clinical management and predict patient outcomes more accurately.

Panel discussion: Imaging in head and neck cancer: navigating the latest advances (10 min)

E³ 22E - Painful ankle and foot without previous trauma

Categories: General Radiology, Imaging Methods, Musculoskeletal, Radiographers
ETC Level: LEVEL II
Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Intra-articular disorders (25 min)

1. To discuss the spectrum of intra-articular pathologies of the ankle and foot with emphasis on clinically significant and easily overlooked disorders.
2. To understand the appropriate imaging modalities, protocols, and limitations for accurate assessment of intra-articular disorders.
3. To appreciate that subtle imaging findings may represent significant pathology requiring early clinical intervention.

Tumours and don't touch lesions (25 min)

1. To learn about the various types of tumours and lesions that can affect the ankle and foot.
2. To appreciate the importance of distinguishing between benign and malignant lesions.
3. To understand the imaging characteristics and management strategies for these conditions.

Panel discussion (5 min)

EIBALL 19 - Imaging data harmonisation for reproducible imaging biomarkers and radiomics

Categories: Artificial Intelligence, Evidence-Based Imaging, Imaging Methods, Physics in Medical Imaging

ETC Level: LEVEL II

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Why is data harmonisation important for imaging biomarkers and radiomics? (15 min)

1. To learn the key concepts and challenges in using imaging biomarkers and radiomics across multi-centre studies.
2. To appreciate how variability in imaging protocols and acquisition impacts reproducibility and clinical utility of quantitative imaging biomarkers and radiomics.
3. To understand the role of data harmonisation in enabling reliable, generalisable and clinically relevant analysis.

Strategies for harmonisation of imaging data (15 min)

1. To learn the main methodological approaches for harmonising imaging data across scanners, protocols and institutions.
2. To appreciate the advantages and limitations of preprocessing, standardisation and statistical correction techniques.
3. To understand how harmonisation strategies can be applied in research and clinical practice.

Artificial intelligence (AI) approaches to imaging data harmonisation (15 min)

1. To learn about current AI/ML-based techniques for harmonising imaging data.
2. To appreciate the potential of AI/ML to address complex sources of variability in multi-centre imaging data.
3. To understand how AI-driven harmonisation can support more accurate and robust imaging biomarker discovery and validation.

Panel discussion: What are the key challenges for implementing data harmonisation in real-world clinical settings? (10 min)

RC 1915 - The path from molecular imaging to molecular therapy

Categories: Hybrid Imaging, Interventional Radiology, Molecular Imaging, Vascular

ETC Level: LEVEL II+III

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Molecular imaging of vascular inflammation and atherosclerosis: emerging biomarkers and clinical translation (15 min)

1. To understand the role of vascular inflammation in the development and progression of atherosclerosis.
2. To recognise key emerging molecular biomarkers used in the imaging of vascular inflammation and atherosclerotic plaques.
3. To evaluate the clinical applications and translational potential of molecular imaging techniques in cardiovascular disease management.

Theranostic approaches to vascular malformations: from diagnostic imaging to targeted therapy (15 min)

1. To understand the pathophysiology and classification of vascular malformations relevant to theranostic strategies.
2. To identify appropriate diagnostic imaging modalities used to characterise vascular malformations for therapeutic planning.
3. To explore targeted therapeutic options enabled by theranostic approaches, including image-guided and molecular-based treatments.

PET and hybrid imaging in large vessel vasculitis and vascular graft infections: clinical impact and future therapies (15 min)

1. To understand the principles and advantages of PET and hybrid imaging in detecting large vessel vasculitis and vascular graft infections.
2. To assess the clinical impact of molecular imaging in diagnosis, disease monitoring, and treatment decision-making.
3. To explore future therapeutic strategies guided by imaging biomarkers in inflammatory and infectious vascular diseases.

Q&A (10 min)

RC 1917 - Beyond the non-operative management in body trauma: the bleeding patient between OR and intervention

Categories: Contrast Media, Emergency Imaging, Interventional Radiology, Multidisciplinary, Vascular

ETC Level: LEVEL II+III

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (2 min)

The Raptor Suite Experience: seamless combination of surgery, intervention and diagnostic imaging (12 min)

1. To describe the design and integration of surgical, interventional and imaging modalities within a single hybrid operating room.
2. To explain how the Raptor Suite improves time-to-treatment and patient outcomes.
3. To outline the challenges and best practices in implementing and maintaining a Raptor suite, including team coordination, equipment compatibility and training.

The role, rationale, and implications of IR in the bleeding patient (12 min)

1. To describe the mechanisms, progression and clinical implications of massive haemorrhage in trauma and acute care settings.
2. To identify key procedures and IR techniques that interventional radiologists perform to treat active bleeding.
3. To analyse models for effective collaboration and communication between surgical and IR teams in life-threatening scenarios.

When to embolise and when to operate on the patient with ongoing bleeding (12 min)

1. To compare the use of surgical and endovascular approaches in treating a patient with massive active bleeding.
2. To describe the decision-making imaging and clinical criteria for selecting or combining the modalities in a Raptor suite.
3. To understand the advantages, limitations, timing considerations and potential complications of embolisation and surgery in the context of damage control resuscitation.

Can we trust split bolus protocols when abdominal bleeding is impending? (12 min)

1. To explain the concept of split bolus protocols in CT imaging.
2. To discuss situations where split bolus protocols are appropriate and when alternative imaging strategies might be preferred.
3. To explore how split bolus imaging can influence management decisions, including the choice between surgical intervention, embolisation and other treatments.

Panel discussion: The radiologist's most valuable contributions to save the exsanguinating patient (10 min)

Meets 19b - Radiography educational and clinical services in Hong Kong

Categories: Radiographers
Date: March 7, 2026 | 12:30 - 13:30 CET

Chairpersons' introduction (5 min)

Medical imaging service in Hong Kong (15 min)

1. To briefly introduce the registration system for radiographers in Hong Kong.
2. To provide an overview of the medical imaging service in Hong Kong.

Medical imaging and radiation therapy education in Hong Kong (15 min)

1. To discuss the medical imaging and radiation therapy undergraduate education in Hong Kong.
2. To evaluate the various entry routes for medical imaging and radiation therapy degree programs in Hong Kong.
3. To appraise the continuous professional development (CPD) program in Hong Kong.

The specialisation training and development of the radiographers in Hong Kong (15 min)

1. To introduce the role of radiographers in Hong Kong.
2. To emphasise the function of the Hong Kong college of radiographers and radiation therapists in speciality training.
3. To show the structured training in the hospital authority as an example.

Panel discussion: Challenges and future plans for the radiographers' education in Hong Kong (10 min)

E³ 1926 - Imaging response criteria in oncology

Categories: Education, EuroSafe Imaging/Radiation Protection, Hybrid Imaging, Oncologic Imaging

ETC Level: LEVEL II

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

RECIST 1.1 and iRECIST (15 min)

1. To understand the basics of RECIST 1.1 criteria.
2. To learn about immunotherapy and iRECIST.
3. To investigate the limitations of RECIST and iRECIST.

mRECIST and CHOI (15 min)

1. To understand when we use mRECIST.
2. To learn about which tumours are eligible for CHOI criteria.
3. To investigate desirable future steps and limitations.

PERCIST and LUGANO (15 min)

1. To understand when PERCIST criteria are applied.
2. To learn about LUGANO criteria.
3. To investigate the pros and cons.

Panel discussion: Are morphological criteria enough? (10 min)

OF 19Y - Science in the clear: the impact of transparent publishing

Categories: Education, Research, Students

ETC Level: LEVEL I+II

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Open science practices in radiology publishing (10 min)

1. To learn what open science represents and what is the main goal behind the initiative.
2. To appreciate the advantages open science presents to researchers and academics.

Patient privacy concerns in data sharing (10 min)

1. To learn about the potential risks for patient privacy in data sharing.
2. To appreciate specific requirements in sharing imaging data.
3. To understand mitigation strategies for these risks.

Transparency and reproducibility: EUCAIM Project (10 min)

1. To learn how to use the EUCAIM platform for data access, management, and sharing in alignment with FAIR principles.
2. To appreciate the essential tools and workflows within EUCAIM that support the transparent documentation of research steps.
3. To understand the importance of transparency and reproducibility in AI research using medical imaging.

Finding funding options for your Open Access paper (10 min)

1. To learn how to identify institutional, national, and international funding mechanisms that support Open Access publishing.
2. To appreciate the strategic importance of incorporating Open Access publication costs into the initial budgeting and planning phases of a research project.
3. To understand how to critically navigate and comply with publisher policies and funder mandates related to Open Access dissemination.

Open forum discussion: What is the importance of open science in academic publishing and how can it support early career researchers? (15 min)

Meets 19a - Unique evolution and global influence of Japanese radiology

Categories: Management/Leadership, Professional Issues

ETC Level: ALL LEVELS

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairpersons' introduction (2 min)

Radiology in Japan: current and future challenges (10 min)

1. To describe the current problems in radiology, including but not limited to the manpower shortage.
2. To analyse the current difficulties and future threats we face in the field of radiology.
3. To solve your problems that could emerge in the future in your own medical system.

Innovative imaging technologies and research initiatives led by Japan (10 min)

1. To understand two unique features of the radiology-related environment in Japan: the high concentration of imaging-related companies that facilitate academia-industry collaboration and the widespread implementation of preventive health check-up systems.
2. To appreciate technologies and methods originally developed and led by Japan.
3. To learn about cutting-edge research that has not originated in Japan but is currently led by Japanese initiatives.

Promoting diversity and workstyle reform for the future of the Japan Radiological Society (10 min)

1. To understand the society’s comprehensive approach to addressing workforce sustainability, such as promoting task-shifting to radiological technologists, supporting childcare, and encouraging parental leave among younger radiologists as part of a long-term vision for a more inclusive and resilient radiology workforce.
2. To appreciate programs designed to support and empower early-career radiologists, including the "Under 40" network and the early-career researchers support program.
3. To learn about the Japan Radiological Society’s diversity promotion efforts as a foundation for these initiatives, including the introduction of a gender quota system in delegate and board member elections as part of ist strategic action plan.

Exploring Japan’s strengths in advanced health checkups and diagnostic imaging: a university hospital’s pioneering model (10 min)

1. To learn how universal health coverage under public insurance in Japan has made high-quality medical care widely accessible at low cost, while also recognising its limitations, such as increased workloads for radiologists and fixed pricing that does not reflect differences in diagnostic quality. A response to these challenges has been initiated, with advanced services currently being offered mainly to international patients.
2. To appreciate a pioneering effort by a Japanese university hospital, which established a fully self-pay satellite clinic near Tokyo International Airport to provide advanced care with convenient access from various Asian countries.
3. To understand how concierge-style imaging services, including personalised consultations and tailored exam planning, are provided for patients with high expectations for medical quality and service, both from abroad and within Japan.

Panel discussion: What should a radiology society do to support radiologists? (18 min)

How 19 - How we perform and interpret contrast-enhanced ultrasound (CEUS) of abdominal organs in daily practice

Categories: Abdominal Viscera, General Radiology, Genitourinary, Imaging Methods

ETC Level: LEVEL I+II

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (2 min)

Fundamentals of CEUS in abdominal organs (5 min)

1. To understand the principles of microbubble contrast agents and the different phases of contrast enhancement.
2. To learn how to adequately administer contrast agents, how to adjust machine settings and how to evaluate CEUS image quality.
3. To become familiar with the most common CEUS artefacts and how to distinguish them from tissue enhancement.

CEUS in liver lesions (15 min)

1. To understand the indications for CEUS in liver lesions.
2. To become familiar with the characteristic CEUS aspect of focal nodular hyperplasia, haemangiomas, hepatocellular carcinoma and metastases using a case-based approach.
3. To learn how CEUS can be used to guide liver intervention and assess treatment response.

CEUS in renal lesions (15 min)

1. To understand the indications for CEUS in renal pathology.
2. To become familiar with the characteristic CEUS aspect of the CEUS Bosniak classification.
3. To learn how CEUS can be used in the assessment of vascular disorders and infections.

Applications of CEUS in pregnancy (15 min)

1. To understand the indications for CEUS in pregnancy.
2. To become familiar with the characteristics of ultrasound contrast media, safety, and adverse events.
3. To learn how CEUS can be used in the assessment of interventions in pregnancy.

Open forum discussion (8 min)

RC 1904 - Case-based incidental findings detected on chest imaging: when to ignore and when to act

Categories: Abdominal Viscera, Cardiac, Chest, Head and Neck, Musculoskeletal

ETC Level: LEVEL I

Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (6 min)

Incidental non-cardiac mediastinal findings (18 min)

1. To review the main incidental mediastinal findings detected in chest imaging.
2. To propose the management of these findings.

Incidental findings in the heart (18 min)

1. To review the main incidental cardiac findings detected in chest imaging.
2. To propose the management of these findings.

Incidental findings at the edges: abdomen and neck (18 min)

1. To review the main incidental abdominal and neck findings detected in chest imaging.
2. To propose the management of these findings.

E³ 20E - Thoracic emergencies: what you absolutely must not miss!

Categories: Chest, Emergency Imaging

ETC Level: LEVEL I+II

Date: March 7, 2026 | 12:30 - 13:30 CET

This interactive session, based on clinical cases, will review the main urgent indications for thoracic CT scans: how to optimise the search for pulmonary embolism, how to investigate haemoptysis, and how to approach diffuse infiltrative disease-causing respiratory distress.

Chairperson's introduction (5 min)

Thoracic emergencies: clinical cases you'll never forget! (45 min)

Panel discussion: Aligning radiology and emergency teams for chest imaging (10 min)

RC 1911 - Spine imaging: dilemmas

Categories: Emergency Imaging, Musculoskeletal, Neuro, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 7, 2026 | 12:30 - 13:30 CET

Chairperson's introduction (5 min)

Missed but relevant: uncommon spinal findings that matter (15 min)

1. To identify rare but clinically significant spinal imaging findings that are often overlooked.
2. To understand the potential consequences of missing these findings on patient management
3. To learn tips and strategies to improve detection and avoid common pitfalls.

The usual suspects: imaging vertebral fractures, metastases and their mimics (15 min)

1. To review key imaging features that help differentiate vertebral fractures from metastases and benign mimics.
2. To understand the role of MRI, CT, and nuclear medicine in characterising spinal lesions.
3. To learn a structured approach to evaluating vertebral abnormalities to improve diagnostic confidence.

What to report and what to leave out in a spine report (15 min)

1. To learn to prioritise relevant findings that impact management and avoid over-reporting incidental or non-specific changes.
2. To discuss practical ways to make spine reports more useful and aligned with clinical decision-making.
3. To explore ways to standardise reporting without losing flexibility in complex cases.

Panel discussion: How to be more useful in spine reporting (10 min)

CUBE 22 - Technological advancements in interventional oncology: external navigation systems and augmented reality

Categories: Education, Radiographers
Date: March 7, 2026 | 13:00 - 13:30 CET

Chairperson's introduction (2 min)

Use of external navigation systems and augmented reality in oncology (28 min)

1. To learn about the role of external navigation systems in interventional radiology.
2. To appreciate the value of using augmented reality in interventional oncology.
3. To understand the key principles surrounding external navigation systems and augmented reality from a radiographer's perspective.

NH 20 - Ultra-high-field (HHF) MR imaging: higher, stronger, faster?

Categories: Molecular Imaging, Multidisciplinary, Musculoskeletal, Neuro, Physics in Medical Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (2 min)

7 Tesla MRI: pushing the limits of resolution, speed, and strength (10 min)

1. To describe the physical principles by which higher field strength improves SNR and spatial resolution.
2. To outline the main technical barriers (B1+ inhomogeneity, susceptibility, SAR) that remain unique to 7T.
3. To assess how these factors set the foundation for future translational and clinical use.

In-hospital 7T MRI for clinical use (10 min)

1. To illustrate specific technical solutions (gradients, parallel transmit, AI acceleration) that enable routine in-hospital 7T operation.
2. To evaluate the direct diagnostic impact in neurological disorders, including epilepsy and movement disorders.
3. To examine organisational and economic considerations of installing and running a hospital-based 7T service.

Neurodegenerative diseases at 7T (10 min)

1. To explain which microstructural and cortical features become accessible with 7T in neurodegeneration.
2. To demonstrate examples of disease-specific imaging markers, such as iron deposition and cortical lamination.
3. To analyse how these markers can translate into earlier diagnosis and better monitoring of the disease.

7 Tesla MRI and knee imaging: what else? (10 min)

1. To characterise the unique technical and anatomical challenges of musculoskeletal imaging at 7T.
2. To present evidence of improved delineation of cartilage, ligaments, and menisci at ultra-high field.
3. To explore the integration of 7T MSK protocols into clinical workflows and patient management.

7MRI of the peripheral nerves (10 min)

1. To demonstrate the feasibility and added value of visualising peripheral nerves at 7T.
2. To distinguish imaging features of normal and diseased nerves in clinical and research settings.
3. To project future developments in sequence design and coil technology for peripheral nerve imaging.

Future clinical applications of 7T MRI (10 min)

1. To identify clinical domains most likely to benefit from 7T in the coming decade.
2. To compare how UHF strengths may shift indications compared with existing 1.5T and 3T practices.
3. To anticipate technological and regulatory steps required for widespread adoption.

5T whole-body MRI scanner: a new alternative (10 min)

1. To outline the technical characteristics and current state of 5T MRI systems.
2. To highlight diagnostic advantages relative to 3T MRI.
3. To compare the performance and potential clinical niches of 5T versus 7T as a practical alternative.

Panel discussion: What new horizons will 7T and 5T MRI open? (18 min)

CUBE 23 - Cerebral vasculitis: imaging and treatment

Categories: Interventional Radiology, Neuro
ETC Level: LEVEL II+III
Date: March 7, 2026 | 14:00 - 14:30 CET

Chairperson's introduction (2 min)

Cerebral vasculitis: imagingand treatment (28 min)

1. To learn how to recognise cerebral vasculitis using multimodal imaging.
2. To appreciate the therapeutic strategies and the role of neurointervention in selected cases.
3. To understand the clinical–radiological correlation and its impact on patient management.

SF 20c - Unraveling the brain: can molecular imaging and theranostics transform neuropsychiatric and oncologic care?

Categories: Hybrid Imaging, Imaging Methods, Molecular Imaging, Neuro, Nuclear Medicine

ETC Level: LEVEL II

Date: March 7, 2026 | 14:00 - 15:30 CET

This session explores how molecular imaging and theranostic strategies redefine diagnosis and treatment across brain disorders, from neuropsychiatric conditions to oncologic care. Experts will present advances in mapping brain connectivity disruptions, targeted radioligand therapies for brain tumours, and PET-guided disease-modifying therapies in neurodegenerative disorders. Attendees will gain insights into translating these applications into clinical practice to improve patient outcomes.

Chairperson's introduction (5 min)

Molecular imaging of brain disconnectivity (25 min)

Towards theranostics in neuro-oncology (25 min)

PET imaging in the era of Alzheimer's disease modifying drugs (25 min)

Panel discussion: How do we translate methodological advances into clinical practice? (10 min)

ESR Audit 20 - Quality control in a changing radiological environment

Categories: Artificial Intelligence, Audit, Education, Evidence-Based Imaging, Management/Leadership

ETC Level: ALL LEVELS

Date: March 7, 2026 | 14:00 - 15:30 CET

Quality control is a cornerstone of modern, evidence-based medicine. This session will explore established domains of quality assurance and emerging areas of growing importance, including the European Union's Medical Device Regulation (MDR) and the rapidly evolving field of artificial intelligence.

Chairperson's introduction (5 min)

AI and clinical audit (15 min)

The UK national Radiology Academic Network for Trainees (RADIANT) audit: a radiology trainees' experience of ultrasound training (15 min)

EU's medical device regulation in the field of interventional radiology (15 min)

Red flags and false alarms: when AI gets it wrong (15 min)

Auditing the algorithm: clinical audit strategies for AI implementation (15 min)

Panel discussion: Quality control, indispensable but often neglected (10 min)

E³ 2023 - Gynaecology and obstetrics

Categories: Genitourinary
ETC Level: LEVEL I+II
Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (6 min)

Imaging of the uterus (28 min)

1. To comprehend the imaging anatomy of the uterus and its changes throughout life and during pregnancy.
2. To understand the typical imaging features and local imaging-based staging of cervical and endometrial cancer.
3. To become familiar with the typical imaging features of benign disorders of the uterus, especially uterine leiomyomas, adenomyosis, and endometriosis.

Disorders of the adnexa (28 min)

1. To describe the imaging features of benign tumours of the ovaries.
2. To understand the diagnostic evaluation and imaging features of malignant tumours of the ovaries.
3. To identify the imaging features with regard to the stage and extent of adnexal tumours.
4. To become familiar with the imaging features useful for differentiating adnexal masses.

Acute gynaecological and obstetric disorders (28 min)

1. To become familiar with the typical and atypical imaging features of acute disorders of the uterus and the ovaries.
2. To understand the common emergencies associated with acute gynaecological disorders, including ectopic pregnancy, placenta previa, and emergencies related to abortion.

SF 20b - Update on Meniere's disease imaging

Categories: Head and Neck, Imaging Methods, Multidisciplinary

ETC Level: LEVEL II+III

Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (5 min)

How to establish a Meniere's disease imaging service? (18 min)

1. To choose the optimal MR equipment and sequences.
2. To implement the latest hydrops imaging guidelines for radiographers and radiologists.
3. To identify the criteria for patient selection in hydrops imaging.

How I report delayed post-gadolinium MR imaging for hydropic ear disease: tips and pitfalls (18 min)

1. To list the imaging characteristics of primary hydropic ear disease.
2. To define the current grading systems for endolymphatic hydrops, including their clinical correlation and role in treatment follow-up.
3. To identify anatomical pitfalls and other findings typically seen in hydrops imaging.

Secondary endolymphatic hydrops and other non-hydropic imaging diagnoses in Meniere's symptoms (18 min)

1. To describe the term hydropic ear disease and explain the differences between primary and secondary hydropic ear disease.
2. To identify the specificities of common aetiologies of secondary hydropic ear disease.
3. To describe and reflect on the common final pathway in the disruption of the endolymphatic fluid balances in primary and secondary hydropic ear disease.

Endolymphatic hydrops: the growing role of the endolymphatic duct and sac (18 min)

1. To learn the imaging anatomy and pathology of the endolymphatic duct and sac.
2. To know the non-visualisation of the endolymphatic duct as an imaging marker of Meniere’s disease.
3. To distinguish different phenotypes of Meniere’s disease based on the angular trajectory of the vestibular aqueduct.

Panel discussion: How can we integrate imaging techniques of endolymphatic hydrops easily in clinical practice? (13 min)

ESR Education 20 - Enhancing radiology education with artificial intelligence (AI): from simulation to personalised learning

Categories: Artificial Intelligence, Education, Professional Issues

ETC Level: ALL LEVELS

Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

From pages to prompts: can AI replace the radiology textbook? (15 min)

1. To explore how AI-powered tools, including large language models and adaptive platforms, are transforming radiology education. 2. To evaluate the advantages and limitations of AI-generated educational content compared to traditional textbooks. 3. To envision future trends in radiology education influenced by AI advancements.

Smart skills: integrating AI into interventional radiology training (15 min)

1. To learn about the potential of AI-based simulators and augmented reality in interventional radiology training.
2. To understand how AI can support image-guided interventions through real-time feedback and decision support.
3. To identify key challenges and best practices for incorporating AI into interventional radiology training curricula.

Trust, bias and the black box: teaching ethical AI use in radiology education (15 min)

1. To explore key ethical concerns related to the integration of AI in radiology education.
2. To recognise the potential risks of over-reliance on AI in clinical decision-making.
3. To identify effective strategies for teaching responsible and transparent AI use in radiology.

Panel discussion: Will AI revolutionise radiology education or just repackage what we already know? (10 min)

RC 2015 - Life with renal failure, dialysis with catheter and AV-fistula: imaging and treatment options

Categories: Genitourinary, Interventional Radiology, Vascular
ETC Level: LEVEL II+III
Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Catheter-based dialysis: diagnosis and treatment of SVC stenosis/occlusion (11 min)

1. To understand the importance of central vein stenosis for dialysis patients.
2. To discuss minimally invasive treatment options for central vein stenosis.

Ultrasound shunt mapping and phlebography for AV-fistula planning (11 min)

1. To describe the relevant findings of shunt mapping and phlebography for surgical and endovascular AV-fistula planning.

Endovascular AV-fistula creation: tips and pitfalls (11 min)

1. To describe available options for AV-fistula creation.
2. To provide tips and pitfalls for the procedure.
3. To highlight the importance of shunt surveillance.

Management of failing fistulas (11 min)

1. To highlight the relevance of early treatment of failing fistulas.
2. To discuss the different emerging treatment options for failing fistulas.

Q&A (11 min)

EU 20 - The heart in the centre of medical examinations using ionising radiation

Categories: Cardiac, EuroSafe Imaging/Radiation Protection, Imaging Methods, Interventional Radiology, Physics in Medical Imaging

ETC Level: LEVEL I+II

Date: March 7, 2026 | 14:00 - 15:30 CET

This session is designed to give a broad overview of radiation protection and effects related to cardiac examinations using x-rays. The first lecture introduces ICRP's perspective on radiation risk and its effects on the cardiovascular system. The second talk focuses on radiation doses to the heart and optimisation in interventional radiology. The third talk covers radiation doses to the heart in computed tomography. It explains the possibilities of most modern technology (e.g. photon-counting CT) and AI in the dose optimisation of cardiac scans.

Chairperson's introduction (5 min)

An overview of current knowledge on radiation-induced cardiovascular and circulatory diseases (20 min)

Absorbed dose to the heart during interventional procedures: the level of magnitude and the optimisation methods (20 min)

Absorbed dose to the heart during CT procedures: the level of magnitude and the methods of technology-driven optimisation (20 min)

Panel discussion: How does developing imaging technology and patient-centred medicine affect the radiation exposure to the heart? (25 min)

OF 20R - Mental health amongst radiographers: how to prevent and minimise the impact

Categories: Management/Leadership, Professional Issues, Radiographers
Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Mental health challenges in radiography (10 min)

1. To identify common mental health challenges faced by radiographers in today's high-demand healthcare settings.
2. To understand the impact of workplace stressors, such as workload, emotional strain, and shift patterns on teams and specifically on radiographers' well-being and clinical performance.
3. To understand the need for systemic and individual-level support mechanisms.

Wellness under pressure: supporting the workforce (10 min)

1. To understand the importance of proactive initiatives and strategies that promote staff wellness under high-pressure conditions.
2. To explore organisational role in fostering a supportive, mentally healthy environment.
3. To identify practical tools, proactive initiatives and leadership that contribute to staff retention and resilience.

Recognising burnout in radiography: early signs and preventative strategies (10 min)

1. To recognise early warning signs and symptoms of burnout among radiographers.
2. To understand the personal and systemic factors that contribute to burnout, and introduce early interventions to prevent long-term psychological harm.
3. To explore the best evidence-based strategies to mitigate burnout in radiographic practice.

Coping with patient culture diversity and various needs (10 min)

1. To understand how cultural diversity in patient populations can contribute to workplace stress for radiographers.
2. To develop cultural competencies to reduce miscommunication and stress while maintaining emotional well-being.
3. To create coping mechanisms and strategies for managing diverse patient interactions with empathy.

Open forum discussion (15 min)

RC 2000 - Breast complaints in the emergency department: imaging strategies and diagnostic pitfalls

Categories: Breast, Emergency Imaging, Imaging Methods

ETC Level: LEVEL II

Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Under pressure in the emergency department (ED): managing acute breast presentations and avoiding missed malignancy (15 min)

1. To recognise imaging findings of acute breast conditions that can present in the ED, including those that may mimic malignancy.
2. To differentiate benign from malignant breast conditions that can present in the ED, to avoid misdiagnosis of breast cancer in urgent care settings.
3. To formulate appropriate management plans, including necessary interventions and follow-up strategies, to ensure safe and effective care for patients with an acute breast condition.
4. To formulate appropriate management plans, including necessary interventions and follow-up strategies, to ensure safe and effective care for patients with an acute breast condition.

Breast implant complications in the emergency department: what radiologists must know (15 min)

1. To recognise key imaging features of common and uncommon breast implant-related presentations that may occur in emergency settings.
2. To apply knowledge of implant types, surgical history, and clinical context to improve diagnostic accuracy and identify potential malignancies, including Breast Implant-Associated Anaplastic Large Cell Lymphoma (BIA-ALCL).
3. To evaluate the clinical urgency of implant-related cases and formulate appropriate management plans and follow-up pathways to ensure safe and timely care.

Emergencies in the breast department: when the unexpected happens in a planned setting (15 min)

1. To identify urgent clinical scenarios that may arise unexpectedly in breast clinics, including complications from routine procedures.
2. To discuss effective pathways for managing these emergencies safely and efficiently within a non-acute setting.
3. To highlight the importance of cross-speciality communication and collaboration in optimising patient outcomes during emergencies in planned care environments.

Panel discussion: Double trouble: the emergency department meets the breast clinic (10 min)

ESR Undergraduate 20 - A bloody on-call night

Categories: Emergency Imaging
ETC Level: LEVEL I
Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (5 min)

Vascular emergencies: searching for clothes and bleeding causes (16 min)

1. To review vascular emergencies in radiology.
2. To appreciate the best imaging techniques for different vascular emergencies.
3. To understand the advantages and limitations of each technique.

Imaging of hemoperitoneum and haemothorax (16 min)

1. To review the salient imaging features of hemoperitoneum and haemothorax.
2. To appreciate the best imaging techniques for such emergencies.
3. To understand the advantages and limitations of each technique.

Hyperdensities in the brain: blood or pitfall? (16 min)

1. To review the pearls and pitfalls of hyperdensities in the brain on imaging.
2. To appreciate the best imaging techniques to evaluate such findings.
3. To understand the advantages and limitations of each technique.

Panel discussion: How can we maximise available imaging resources to best deal with vascular emergencies? (7 min)

PC 20 - Enhancing patient care through the cultivation of personal soft skills

Categories: Professional Issues
ETC Level: ALL LEVELS
Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (5 min)

How to build strong communication abilities? (15 min)

1. To understand the importance of communication in our work.
2. To learn ways of increasing direct radiologist-patient interaction.
3. To consider the need for clear communication with referrers in our reports.

Seeing me, not just the image: the importance of empathy and self-awareness (15 min)

1. To understand the patient's experience beyond the clinical encounter.
2. To recognise the impact of empathy and emotional intelligence on building trust and improving patient outcomes.
3. To suggest small yet meaningful practices into daily radiology workflows that promote a more compassionate approach to care.

Interpersonal skills: teamplay in radiology (15 min)

1. To understand the value of collaboration and mutual respect within multidisciplinary teams.
2. To identify common challenges in team dynamics and strategies to manage conflict constructively.
3. To learn techniques to build psychological safety and a culture of support within radiology departments.

Panel discussion: How can soft skills be made part of our daily practice? (40 min)

IF 20 - Trust, but verify: ethics and errors on the AI canvas

Categories: Artificial Intelligence, General Radiology, Imaging Informatics, Medico-legal, Professional Issues

ETC Level: ALL LEVELS

Date: March 7, 2026 | 14:00 - 15:30 CET

Where do we, as radiologists, stand in our journey towards AI-enhanced radiological practice? Despite all the potential benefits AI could bring to radiology, being well-informed and unbiased is crucial, both for the models and for the radiologists. Undetected errors in the underlying data and the interaction with humans can have unintended consequences. This session will discuss where and how errors can occur and how to ensure ethical human-AI interaction.

Chairperson's introduction (5 min)

How to handle data quality and data bias (20 min)

How automation can lead astray (20 min)

How to ethically use AI in practice (20 min)

Panel discussion: How can we be sure of what AI tells us? (25 min)

ESGAR - Abdominal crossroads: when one organ tells the story of another

Categories: Abdominal Viscera, GI Tract, Vascular
ETC Level: LEVEL III
Date: March 7, 2026 | 14:00 - 15:30 CET

Chairpersons' introduction (5 min)

The liver-gut axis: two organs, one pathway (15 min)

1. To understand the impact of portal anatomy and disease.
2. To know the association of liver and gut inflammatory disorders.
3. To understand the pathways of liver and bowel infection.

Vascular highways and lymphatic bypasses (15 min)

1. To explain the impact of vascular anatomy on patterns of bowel ischaemia.
2. To understand patterns of lymphatic spread of disease.
3. To understand how systemic vasculitis can manifest in the abdominal systems.

The shape of water: pond, lake or ocean? (15 min)

1. To understand the significance of fluid distribution patterns.
2. To understand the significance of fluid composition.
3. To understand the relevance of assessing the fluid contour.

Panel discussion (40 min)

How 20 - How we confidently image and interpret the postoperative abdomen

Categories: Abdominal Viscera, Emergency Imaging, GI Tract

ETC Level: LEVEL I+II

Date: March 7, 2026 | 14:00 - 15:00 CET

Chairperson's introduction (2 min)

What was done and why it matters (15 min)

1. To understand surgical reports and the related expected post-op changes.
2. To recognise the normal postoperative appearance of common surgeries (e.g., Whipple, colectomy, gastric bypass, stoma creation).

Which modality and what protocol to choose (15 min)

1. To know how to choose between CT (portal venous phase vs dual phase, with/without oral/rectal contrast), MRI, fluoroscopy, or ultrasound based on clinical questions.
2. To recognise when and how to suggest targeted imaging follow-up.

How to spot postoperative complications (15 min)

1. To learn how to identify leaks, abscesses, obstructions, and collections and understand time-based changes (day 1 vs week 1 vs month 1).
2. To know what language to use that clearly conveys urgency or lack thereof, and how to appropriately highlight uncertainty and differential diagnoses.

Open forum discussion (13 min)

E³ 2019 - A decade of lung-reporting and data system (lung-RADS): where next?

Categories: Artificial Intelligence, Chest, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (5 min)

Lung cancer screening: 2026 and beyond (20 min)

1. To learn about the current evidence base for lung cancer screening.
2. To learn about the updated recommendations on lung cancer screening in Europe, the US, and Asia.
3. To understand the advantages of a standardised approach to lung cancer screening.

Lung-reporting and data system (lung-RADS): making it simple (20 min)

1. To describe the current CT lung-RADS risk stratification system.
2. To understand how lung-RADS impacts on clinical management.
3. To highlight gaps in the evidence base for lung-RADS, including volumetry.

Lung-reporting and data system (lung-RADS): how will AI change this? (20 min)

1. To learn about novel approaches to automation that might impact lung-RADS.
2. To learn about the different AI systems that can benefit lung cancer screening.
3. To appreciate how AI can help lung cancer screening workflow.

Panel discussion: How will lung-reporting and data system (lung-RADS) evolve in the next decade worldwide? (25 min)

SF 20a - Opportunistic screening for cardiovascular disease and clinical implications: looking for cardiac findings on non-cardiac scans

Categories: Cardiac, Chest, General Radiology

ETC Level: LEVEL II+III

Date: March 7, 2026 | 14:00 - 15:30 CET

Chairperson's introduction (10 min)

Coronary calcifications (20 min)

1. To learn about the prognostic value of coronary calcifications.
2. To appreciate how to assess coronary calcifications on non-ECG-gated chest CT practically.
3. To understand the potential of combining calcium assessment and lung cancer screening.

Epicardial adipose tissue (20 min)

1. To learn to identify and quantify epicardial adipose tissue (EAT) on non-cardiac CT.
2. To appreciate the clinical significance of EAT as a marker of cardiovascular risk and its potential role in opportunistic screening.
3. To understand the pathophysiological links between EAT, coronary artery disease and other cardiometabolic conditions.

Cardiac morphomatrix (20 min)

1. To understand the possibilities and limitations of assessing cardiovascular pathology on non-gated chest CT.
2. To develop a systematic approach to evaluate the heart on routine chest CT examinations.
3. To understand and describe the underlying pathophysiology of common findings using the correct terminology.

Panel discussion: What is a good practice for reporting incidental cardiac findings? (20 min)

AR a20 - How to sound like an expert: reports on chronic liver disease in practice

Categories: Abdominal Viscera
ETC Level: LEVEL I+II
Date: March 7, 2026 | 14:30 - 15:30 CET

Introduction (5 min)

General considerations (10 min)

1. To learn how to structure liver imaging reports to highlight the most relevant imaging features of chronic liver disease.
2. To appreciate the importance of using clear, standardised terminology to ensure seamless communication with clinicians.
3. To understand how to develop strategies to address uncertainty while keeping reports precise.

Cases review, interactive discussionand critiquing of reports (45 min)

ESR/EANM - Pushing the boundaries: emerging fields for interdisciplinary collaboration for better patient care

Categories: Breast, Cardiac, Hybrid Imaging, Neuro, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 16:00 - 17:30 CET

All speaker duos comprise experts from both disciplines – radiology and nuclear medicine. They will, together, highlight the complementary contribution in the context of collaborative strategies to enable excellent patient care in three highly dynamic, constantly evolving fields of diagnostic imaging.

Chairpersons' introduction (5 min)

Neuroimaging in Alzheimer's disease (25 min)

Cardiac imaging (25 min)

Breast imaging (25 min)

Panel discussion: What are the next big challenges and chances for interdisciplinary imaging sciences? (10 min)

ESR/ESC - CT/MRI in assessing valvular heart disease

Categories: Cardiac, Multidisciplinary, Vascular

ETC Level: LEVEL III

Date: March 7, 2026 | 16:00 - 17:30 CET

Chairpersons' introduction (2 min)

Gaps in current guidelines for multimodality imaging of valvular heart disease (20 min)

1. To learn the new multimodality cardiovascular imaging approach to diagnose and risk-stratify patients with valvular heart disease.
2. To appreciate the right use of the right imaging modality at the right time, and therefore, to discuss the new recommendations.
3. To understand the clinical implications of the imaging findings.

The expanding toolbox of cardiac magnetic resonance imaging (CMR) for valvular heart disease (20 min)

1. To understand the complementary roles of echocardiography and CMR in the investigation of patients with valvular heart disease. 2. To learn about the advantages and pitfalls of 2D and 4D phase contrast imaging in the analysis of valvular heart disease. 3. To understand the importance of myocardial tissue characterisation in patients with valvular heart disease.

CT and valvular heart disease: a changing paradigm (20 min)

1. To learn what role CT can play in the assessment of valvular heart disease.
2. To appreciate the various presentations of valvular pathology on CT.
3. To understand the diagnostic information regarding valve disease that can be obtained with CT.

Redefining risk stratification in valvular heart disease by implementing AI-based imaging (20 min)

1. To learn how AI-based imaging can enhance the assessment of valvular heart disease. 2. To appreciate how novel AI-based biomarkers can improve risk stratification in valvular heart disease. 3. To understand the potential benefits and limitations of integrating AI-based imaging into decision-making for patients with valvular heart disease.

Panel discussion: What are current and future challenges in valvular disease and imaging? (8 min)

PA 21 - Emotional intelligence and empathy (part 2): practice

Categories: Education, General Radiology, Professional Issues, Radiographers

ETC Level: LEVEL I+II

Date: March 7, 2026 | 16:00 - 17:30 CET

Imaging is a feature of the care pathway of most patients. These patients are diverse - in their diseases and conditions, their understanding of their situations and their abilities to understand information provided to them. This session aims to highlight key elements of emotional intelligence and empathy that are required when communicating with a diverse range of patients.

Chairperson's introduction (5 min)

Paediatric patients (20 min)

Dementia patients (10 min)

Non-hearing community (10 min)

Patient procedures that require their cooperation (15 min)

Transgender patients (15 min)

Panel discussion: What approaches and tools are needed to ensure inclusivity and dignity for all patient groups? (15 min)

EU 21 - Optimising medical imaging with AI: joint American-European approach to balancing quality and radiation

Categories: Artificial Intelligence, EuroSafe Imaging/Radiation Protection, Physics in Medical Imaging
ETC Level: LEVEL III
Date: March 7, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (4 min)

The concept of appropriate image quality (14 min)

Benefit/risk assessment for AI-based imaging (14 min)

The goals of optimisation of medical imaging with respect to ionising radiation (12 min)

1. To learn about the need for optimisation of medical imaging.
2. To appreciate the opportunities of AI in optimising imaging studies from justification to image reconstruction.
3. To understand the challenges of AI use in everyday practice.

Using AI for optimisation of medical imaging using ionising radiation (12 min)

1. To learn how AI can improve image quality and/or allow dose reduction.
2. To appreciate the limitations of AI in restoring signal-to-noise lost at low doses.
3. To understand contrast-dependent MTF and that low-contrast smoothing can occur with AI methods.

Detecting and avoiding pitfalls in AI-based image reconstruction (12 min)

1. To see that subtle anatomical changes may be introduced by AI-based image reconstruction.
2. To learn how a dedicated metric could penalise such modifications.
3. To understand how hallucinations could be detected or visualised.

Coupling dose management and image quality management for AI-based radiological imaging (14 min)

1. To learn how dose and image management are related.
2. To appreciate the challenges in dose and image quality management.
3. To understand how AI can help in image and dose management.

Panel discussion (8 min)

SF 21c - Understanding visceral (pseudo-)aneurysms: diagnostic and therapeutic approaches

Categories: GI Tract, Imaging Methods, Interventional Radiology, Multidisciplinary, Vascular

ETC Level: LEVEL III

Date: March 7, 2026 | 16:00 - 17:30 CET

Visceral (pseudo-) aneurysms (VPAs) demand prompt diagnosis and treatment as they carry a high risk of rupture. This session's learning objectives would focus on diagnosing VPAs on ultrasound, CT, and MRI, principles of interventional treatment, and interventional techniques, including emerging and innovative percutaneous embolisation methods. A panel and interactive discussion will be an ideal platform for learning from the experts.

Chairperson's introduction (5 min)

Types, incidence and pathomechanism (10 min)

Diagnostic imaging: US (10 min)

Diagnostic imaging: CTA and MRA (10 min)

Treatment option: principles of interventional treatment (10 min)

Treatment option: endovascular (15 min)

Treatment option: innovative-percutaneous (15 min)

Panel discussion: Visceral (pseudo-)aneurysms imaging and interventions: how, when, and why? (15 min)

ESR Sustainability 21 - Artificial intelligence (AI), data storage, and sustainability

Categories: Artificial Intelligence, Imaging Informatics, Management/Leadership, Multidisciplinary, Professional Issues, Sustainability

ETC Level: ALL LEVELS

Date: March 7, 2026 | 16:00 - 17:30 CET

This session aims to present the current status of evidence and knowledge concerning the carbon-intensive activities that are frequently undertaken in radiology, related to AI and to data storage. With the ongoing deployment of AI into the radiology workflow, the impact on energy use will be considered. Can the use of AI actually help to green our radiology practice? How will generative AI impact? Can radiologists help to bear down on carbon footprint by careful attention to data storage, and if so, what impact could this have? Expert speakers will join for a panel discussion.

Chairperson's introduction (5 min)

How green is your AI? In the balance: AI deployment, what are the potential sustainability gains? (15 min)

LLMs and Gen AI: big impact with big gains? (15 min)

Data storage: to store or not to store (15 min)

AWS cloud storage. Legislation, country rules and regulations: benefits and challenges (15 min)

Panel discussion: Where could AI help in the green transition, and how can we mitigate data and computer-related carbon impact? (25 min)

SF 21b - Impact of AI on the radiologist's role within the multidisciplinary team meeting (MDM)

Categories: Artificial Intelligence, Education, Multidisciplinary, Professional Issues

ETC Level: LEVEL II+III

Date: March 7, 2026 | 16:00 - 17:30 CET

This session delves into the transformative influence of AI on the radiologist's role within multidisciplinary team meetings (MDMs), exploring how AI-driven tools are enhancing diagnostic accuracy, streamlining workflows, and reshaping collaborative decision-making processes. Attendees will gain insights into the evolving dynamics between radiologists and AI, including the challenges and opportunities presented by automated image analysis, predictive analytics, and the integration of AI-generated insights into patient management discussions. Through real-world case studies and expert perspectives, the session will highlight how radiologists can leverage AI to become pivotal contributors in MDMs, driving more precise, efficient, and patient-centred care in the era of digital medicine.

Chairperson's introduction (5 min)

State-of-the-art AI tools for MDMs: the conundrum of clinical indication, evidence and usability (25 min)

Challenges and opportunities for responsible and ethical use of AI tools in MDMs (25 min)

Shaping tomorrow: a roadmap for patient-centric AI and the evolving role of the radiologist in MDMs (25 min)

Panel discussion: How can we balance AI's role while keeping radiologists as trusted leaders in patient-centred care? (10 min)

PC 21 - Advancing practice in radiography: challenges, education and innovation

Categories: Education, Management/Leadership, Multidisciplinary, Professional Issues, Radiographers
Date: March 7, 2026 | 16:00 - 17:30 CET

Chairpersons' introduction (5 min)

What are the challenges to progress advance practice? (15 min)

1. To learn about the systemic, educational and regulatory barriers to implementing advanced practice in radiography.
2. To appreciate the differences in scope and development of advanced roles across European countries.
3. To understand the importance of institutional support and stakeholder engagement in advancing radiographic practice.

Training radiography students in an interprofessional environment for person-centred care (15 min)

1. To learn how interprofessional education fosters collaborative competencies in radiography students.
2. To appreciate the role of clinical placements and simulation in preparing students for patient-centred practice.
3. To understand the benefits and challenges of implementing interprofessional learning environments in radiography curricula.

Advanced clinical skills in radiography: driving autonomy and responsibility (15 min)

1. To learn which clinical skills can support advanced roles in radiographic practice.
2. To appreciate how radiographers can contribute to clinical decision-making and patient pathways.
3. To understand the implications of expanded responsibilities on education, certification and patient safety.

Leading the change: how radiographers can shape the future of advanced practice (15 min)

1. To learn about leadership models and strategies relevant to radiographers in advanced practice roles.
2. To appreciate the role of professional organisations and policy advocacy in enabling practice progression.
3. To understand how radiographers can lead service innovation and promote quality improvement in clinical settings.

Panel discussion: What does the future hold for advanced radiographic practice in Europe? (25 min)

OF 21R - Ultrasound in a multidisciplinary approach

Categories: Multidisciplinary, Radiographers
Date: March 7, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (5 min)

Collaborative pathways: integrating radiographers with radiologists (10 min)

1. To understand effective models and the benefits of collaborative ultrasound workflows between radiographers and radiologists.
2. To explore models of shared responsibility and communication in multidisciplinary imaging teams.
3. To recognise how integration enhances workflow efficiency and patient outcomes accuracy.

Expanding the scope of radiographers in Point-of-Care Ultrasound (POCUS) (10 min)

1. To learn about the expanding roles and responsibilities of radiographers performing POCUS by understanding the possible clinical applications of POCUS in diverse care settings.
2. To explore the impact of radiographer-led POCUS on patient access and diagnostic timeliness, improving the potential of better health outcomes.
3. To identify the competencies required for radiographers to safely and effectively perform POCUS and the need for specific training and governance frameworks.

Radiographers within a multidisciplinary vascular lab (10 min)

1. To learn the specific roles radiographers undertake in vascular ultrasound and non-invasive vascular testing within a multidisciplinary team.
2. To appreciate the impact of team collaboration on vascular assessment accuracy and patient care.
3. To understand the technical and clinical skills required for radiographers working in vascular labs.

Ultrasound in primary healthcare (10 min)

1. To learn how radiographers deliver ultrasound services within primary healthcare settings.
2. To explore the role of ultrasound in improving access and early diagnosis in community care by reducing referrals in general practice.
3. To understand the operational challenges, enablers of implementing ultrasound in primary care and governance frameworks needed for safe practice in community-based ultrasound.

Open forum discussion (15 min)

RC 2107 - Bladder imaging

Categories: Education, Genitourinary, Imaging Methods, Oncologic Imaging, Research
ETC Level: LEVEL II+III
Date: March 7, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (5 min)

Gaps in current guidelines: why is imaging utilisation expanding? (15 min)

1. To learn about the clinical indications for using bladder MRI in different clinical settings.
2. To recognise the key limitations in current guidelines for bladder imaging
3. To understand the clinical implications.

Bladder cancer and MRI pathway (15 min)

1. To understand the role of MRI in bladder cancer diagnosis and staging.
2. To identify MRI findings associated with different stages of bladder cancer.
3. To explore recent advancements in MRI technology that improve the assessment of bladder cancer.

Assessment of response to therapy using MRI (15 min)

1. To learn about the clinical indications for the use of MRI.
2. To learn how to appropriately acquire and report MRI images according to the new scoring.
3. To understand the clinical implications of imaging.

Panel discussion: What is the role of bladder imaging in the haematuria pathway? (10 min)

OF 21Y - How to stay relevant: adapting to technology and AI

Categories: Artificial Intelligence, Education, General Radiology, Imaging Informatics, Management/Leadership

ETC Level: ALL LEVELS

Date: March 7, 2026 | 16:00 - 17:00 CET

From film to cloud, from darkrooms to data science - radiology is a field in constant transformation. This session explores how to stay professionally relevant amidst rapid advances in AI, imaging technology, and clinical demands. With voices from both senior radiologists and digital natives, we will debate whether it is better to go deep into a subspecialty or stay broad, and what skills truly matter in tomorrow's radiology workforce.

Chairpersons' introduction (5 min)

From analogue to algorithm: a senior radiologist's adaptation story (10 min)

The AI revolution: should we be excited or alarmed? (10 min)

Subspecialist or Swiss Army Knife? Radiology's future skillset (10 min)

Open forum discussion: What skills will keep you in the game? (25 min)

BS 21 - Radiation safety and dose optimisation

Categories: Imaging Methods

ETC Level: LEVEL I+II

Date: March 7, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (4 min)

Fundamentals of radiation protection (14 min)

1. To explain the basic physics of ionising radiation, including x-ray production and interaction with tissue.
2. To present the ALARA (As Low As Reasonably Achievable) principle as a practical implementation.
3. To explain radiation units and dose metrics, such as absorbed dose (Gy), effective dose (mSv), and dose-length product (DLP).
4. To explain the biological effects of radiation: deterministic vs stochastic effects.

Optimising dose in common imaging modalities (14 min)

1. To explain computed tomography (CT) optimisation.
2. To present safety for fluoroscopy and interventional radiology (IR).
3. To present the optimised dose for digital radiography and mammography.

Radiation protection in special populations (14 min)

1. To present radiation protection for pregnant patients.
2. To present radiation protection in paediatric radiology.
3. To present occupational radiation safety.

AI and technological innovations in dose optimisation (14 min)

1. To explain the role of AI in reducing radiation dose.
2. To present future trends in radiation safety.

SF 21a - Advanced ultrasound techniques in children

Categories: Abdominal Viscera, Contrast Media, Genitourinary, Paediatric, Vascular

ETC Level: LEVEL III

Date: March 7, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (3 min)

Liver and spleen elastography (20 min)

1. To learn about the technical specificities of liver and spleen elastography in children.
2. To appreciate their diagnostic performance for liver fibrosis and portal hypertension.
3. To understand their pitfalls and limitations and discuss other possible applications.

Contrast-enhanced voiding urosonography (ceVUS) in children - vesicoureteral reflux evaluation and urethral imaging (20 min)

1. To understand the present role of ceVUS in the evaluation of vesicoureteral reflux and urethral imaging.
2. To become familiar with the indications and limitations of the technique.
3. To review the examination technique, image interpretation and diagnostic accuracy of ceVUS.

New perfusion US techniques (20 min)

1. To learn about perfusion ultrasound techniques.
2. To appreciate the challenges in paediatrics.
3. To understand what is possible in practice at present.

Abdominal applications of intravascular contrast-enhanced ultrasound (CEUS) (20 min)

1. To understand the safety profile and pharmacokinetics of intravascular microbubble contrast agents.
2. To learn appropriate indications and scanning techniques for CEUS in paediatric abdominal imaging.
3. To appreciate and correctly interpret enhancement patterns in different abdominal organs and pathological conditions in children, correlating them with other imaging modalities for comprehensive diagnosis.

Panel discussion: What is the future for paediatric US? (7 min)

IF 21 - The data symphony: from integrated diagnostics to digital twins

Categories: Artificial Intelligence, General Radiology, Imaging Informatics, Oncologic Imaging, Professional Issues

ETC Level: ALL LEVELS

Date: March 7, 2026 | 16:00 - 17:30 CET

This session will explore the transformative shift from traditional image interpretation to fully integrated diagnostics, where radiology merges seamlessly with pathology, genomics, and clinical data. Experts will showcase how these multimodal datasets are fuelling the development of patient-specific digital twins-virtual models that replicate anatomy, physiology, and disease progression. Attendees will discover how predictive simulations can guide treatment planning, optimise outcomes, and enable truly personalised medicine. The session will also address the technological, ethical, and workflow challenges of bringing these innovations into daily radiology practice.

Chairperson's introduction (5 min)

How imaging, laboratory and clinical data integrate into actionable insights (20 min)

Creating patient-specific models to simulate disease and treatment outcomes (20 min)

Using AI and computational models to forecast disease trajectories (20 min)

Panel discussion: What steps are needed to enable integrated diagnostics and digital twins? (25 min)

EUSOBI - The beauty of breast imaging

Categories: Artificial Intelligence, Breast, Education

ETC Level: LEVEL I+II

Date: March 7, 2026 | 16:00 - 17:30 CET

This session aims to give an overview of the wonderful subspecialty of breast imaging by respective experts of the European Society of Breast Imaging (EUSOBI) and its EUSOBI Young Club. The lectures will focus not only on imaging technologies but also on the role of the breast radiologist in the setting of a member of the multidisciplinary care team, as well as future directions. In the panel discussion, expert breast imagers will share their passion for this subspecialty and happily give answers to arising questions or career advice.

Chairperson's introduction (6 min)

Having an impact as a radiologist: preventing breast cancer mortality with screening (18 min)

Breast MRI: from screening to minimal invasive therapy (18 min)

Contrast-enhanced mammography: like MRI without the magnet? (18 min)

AI in breast imaging: gain or gadget? (18 min)

Panel discussion: Why is breast radiology just the most wonderful subspecialty? (12 min)

E³ 2119 - Liver imaging-reporting and data system (LI-RADS) for surveillance, diagnosis and response assessment

Categories: Abdominal Viscera, Interventional Oncologic Radiology, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 7, 2026 | 16:00 - 17:30 CET

Chairperson's introduction (5 min)

Liver imaging-reporting and data system (LI-RADS) surveillance (20 min)

1. To learn about the rationale for HCC surveillance.
2. To learn about the updated LI-RADS US surveillance algorithm.
3. To learn tips and tricks for implementation and appreciate possible pitfalls.

Liver imaging-reporting and data system (LI-RADS) diagnosis (20 min)

1. To learn about the LI-RADS algorithm for diagnosis of HCC.
2. To appreciate the strengths and weaknesses of LI-RADS.
3. To understand how to apply LI-RADS in practice.

Liver imaging-reporting and data system (LI-RADS) treatment response assessment (20 min)

1. To learn about the different locoregional treatment options for HCC.
2. To learn about the updated LI-RADS treatment response assessment algorithm.
3. To understand how to apply LI-RADS treatment response assessment and the possible pitfalls.

Panel discussion: What will be the future direction of liver imaging-reporting and data system (LI-RADS)? (25 min)

RC 2104 - The classic and the atypical cases in chest imaging: rapid fire – 45 cases in 60 min!

Categories: Chest
ETC Level: LEVEL I
Date: March 7, 2026 | 16:00 - 17:00 CET

Chairperson's introduction (6 min)

My favourite cases from on call (18 min)

The best cases from my exam vault (18 min)

My top 15 cases of all time (18 min)

E³ 2121 - Brain and head and neck tumours

Categories: Head and Neck, Hybrid Imaging, Neuro, Oncologic Imaging

ETC Level: ALL LEVELS

Date: March 7, 2026 | 16:00 - 17:30 CET

Brain tumours (30 min)

1. To become familiar with the most common brain tumours.
2. To illustrate the spectrum of imaging findings.
3. To learn how to avoid interpretation pitfalls on CT and MRI.

Nasopharynx and related spaces (30 min)

1. To become familiar with the radiologic anatomy of the nasopharynx and related spaces.
2. To illustrate the spectrum of imaging findings.
3. To learn how to avoid interpretation pitfalls on CT and MRI.

Endocrine head and neck tumours (30 min)

1. To become familiar with the most common endocrine head and neck tumours.
2. To illustrate the spectrum of imaging findings.
3. To learn how to avoid interpretation pitfalls on CT, MRI and PET/CT.

AR a21 - How to sound like an expert: reports on chronic liver disease in practice

Categories: Abdominal Viscera
ETC Level: LEVEL I+II
Date: March 7, 2026 | 16:30 - 17:30 CET

Introduction (5 min)

General considerations (10 min)

1. To learn how to structure liver imaging reports to highlight the most relevant imaging features of chronic liver disease.
2. To appreciate the importance of using clear, standardised terminology to ensure seamless communication with clinicians.
3. To understand how to develop strategies to address uncertainty while keeping reports precise.

Cases review, interactive discussionand critiquing of reports (45 min)

BS 22 - Rectal cancer staging made simple: TNM classification for radiologists

Categories: Abdominal Viscera, Imaging Methods

ETC Level: LEVEL I+II

Date: March 8, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (5 min)

Concept-based learning: understanding TNM staging (15 min)

1. To explain the fundamentals of TNM staging.
2. To show how TNM staging impacts surgical planning, neoadjuvant therapy, and prognosis.
3. To discuss the structured templates and AI in TNM staging.

Interactive case-based learning: applying TNM to real cases (20 min)

1. To present anonymised MRI/CT images of rectal cancer cases.
2. To discuss common pitfalls, such as over-/under-staging, and unclear mesorectal involvement.
3. To compare junior radiologists' assessments vs expert reports for self-evaluation.

Gamification: TNM quiz and rapid image review challenge (20 min)

1. To present 10 rectal MRI images in quick succession and ask participants to classify them within 10 seconds each (TNM Staging Rapid Fire).
2. To show intentionally misclassified TNM reports and ask participants to spot the errors (Staging Error Hunt).
3. To present learning ideas.

RC 2210 - Fat-water and Dixon imaging in musculoskeletal MRI

Categories: Imaging Methods, Musculoskeletal, Physics in Medical Imaging
ETC Level: LEVEL III
Date: March 8, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (10 min)

1. To critically appraise the advantages of Fast Spin Echo (FSE) Dixon techniques in musculoskeletal imaging, including its capability for consistent fat suppression, reduced acquisition time, and potential for quantitative tissue characterisation.
2. To analyse and evaluate the limitations inherent to Dixon-based imaging, particularly those related to susceptibility to artefacts, thresholding inaccuracies in fat quantification, and confounding effects of tissue mineralisation.
3. To formulate a strategic approach for integrating Dixon sequences into routine imaging protocols by weighing their diagnostic value against practical constraints and technical implementation challenges.

When to use it (20 min)

When to avoid it (20 min)

Panel discussion: How to optimise your MSK protocol (10 min)

RC 2216 - Cancer imaging during pregnancy: sharing our experience

Categories: Abdominal Viscera, Breast, Genitourinary, GI Tract, Oncologic Imaging
ETC Level: LEVEL III
Date: March 8, 2026 | 08:00 - 09:00 CET

Chairperson's introduction (3 min)

Lymphoma during pregnancy (12 min)

1. To understand how lymphoma manifests during pregnancy.
2. To learn about imaging approaches for staging and response evaluation.
3. To know how radiology can contribute to the interdisciplinary care of cancer during pregnancy.

Breast cancer during pregnancy (12 min)

1. To understand how breast cancer manifests during pregnancy.
2. To learn about imaging approaches for staging and response evaluation.
3. To know how radiology can contribute to the interdisciplinary care of cancer during pregnancy.

Colorectal cancer during pregnancy (12 min)

1. To understand how colorectal cancer manifests during pregnancy.
2. To learn about imaging approaches for staging and response evaluation.
3. To know how radiology can contribute to the interdisciplinary care of cancer during pregnancy.

Gynaecological malignancies during pregnancy (12 min)

1. To understand how gynaecological malignancies manifest during pregnancy.
2. To learn about imaging approaches for staging and response evaluation.
3. To know how radiology can contribute to the interdisciplinary care of cancer during pregnancy.

Panel discussion: Is it time for imaging guidelines for cancer during pregnancy? (9 min)

CB - Case-Based Diagnosis Training

Categories: Abdominal Viscera, Breast, Cardiac, Head and Neck, Musculoskeletal, Neuro
ETC Level: LEVEL I
Date: March 8, 2026 | 09:30 - 12:00 CET

Chairpersons' introduction (5 min)

Cardiac (10 min)

Neuro (10 min)

Paediatrics (10 min)

Maxillofacial (10 min)

Genitourinary (10 min)

Interlude: Mythology in Radiology (30 min)

Head and neck (10 min)

Chest (10 min)

Musculoskeletal (10 min)

Abdominal (10 min)

Breast (10 min)

EVID-ACTION - ESR meets EVID-ACTION

Categories: Abdominal Viscera, Audit, Management/Leadership, Multidisciplinary, Professional Issues

ETC Level: ALL LEVELS

Date: March 8, 2026 | 09:30 - 10:30 CET

This session presents the background and work of the WHO/EU Evidence into Action Alcohol project (EVID-ACTION) and the European Health Alliance on Alcohol. It shines light on alcohol related harm and initiatives to reduce alcohol related harm.

Chairperson's introduction (5 min)

What is EVID-ACTION? (15 min)

Alcohol related liver disease: time for prevention (15 min)

Examining alcohol related liver disease (15 min)

Panel discussion: How do we reduce alcohol related harm? (10 min)

RC 2314 - Tailoring contrast media protocols in current practice

Categories: Contrast Media, Radiographers
Date: March 8, 2026 | 09:30 - 10:30 CET

Chairpersons' introduction (5 min)

MRI contrast management for safer person-centred care (10 min)

1. To understand MRI contrast safety: recognise safety protocols and patient screening for contrast use.
2. To show how to enhance patient communication: learn effective strategies for discussing MRI contrast and obtaining informed consent.
3. To manage adverse reactions: identify and respond to potential contrast reactions to ensure patient safety.

Ultrasound and safe use of contrast media (10 min)

1. To understand how ultrasound contrast media enhance imaging and their role in diagnosis.
2. To assess patient suitability: recognise the importance of patient screening for contraindications before administering contrast.
3. To learn key steps to safely administer ultrasound contrast and monitor for potential adverse effects.

Individualised contrast injection in CT: from protocols to practice (10 min)

1. To understand personalised contrast protocols by recognising the need for individualised contrast injection strategies in CT imaging based on patient factors.
2. To assess patient characteristics: Learn how to evaluate factors such as renal function, body weight, and medical history to tailor contrast doses and injection techniques.
3. To identify best practices for ensuring patient safety and optimising imaging quality through personalised contrast administration in CT.

Contrast in mammography: technical protocols and safety standards (10 min)

1. To understand the contrast role in mammography, recognising how contrast media improve visualisation of breast tissue and the detection of subtle lesions.
2. To identify indications for contrast in mammography, such as for dense breast tissue or inconclusive mammograms.
3. To apply safety measures for mammography contrast, ensuring proper contrast administration, minimising risks unique to mammography.

Panel discussion: Safer contrast use, what else can we do? (15 min)

E³ 2318 - Brain

Categories: Neuro, Oncologic Imaging

ETC Level: LEVEL II+III

Date: March 8, 2026 | 09:30 - 11:00 CET

The aim of the session is to understand the importance of radiologic-pathologic correlation in brain metastases and to be aware of the importance of radiologic-pathologic correlation in gliomas/glioblastomas.

Chairperson's introduction (5 min)

Brain metastases (35 min)

Gliomas/glioblastomas (35 min)

Challenging case presentation by the moderator and discussed by the tandems (15 min)

BS 23 - Magic angle, normal variants and more secrets of the hip, knee and ankle joint

Categories: Emergency Imaging, Evidence-Based Imaging, Imaging Methods, Musculoskeletal, Radiographers

ETC Level: LEVEL I

Date: March 8, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (1 min)

Hip joint (18 min)

1. To learn the most important aspects of normal anatomy and normal variants of the hip joint.
2. To be able to recognise artefacts in imaging studies of the hip joint.
3. To understand how to perform a hip joint imaging study and how to detect the most frequent lesions.

Knee joint (18 min)

1. To learn the most important aspects of normal anatomy and normal variants of the knee joint.
2. To be able to recognise artefacts in imaging studies of the knee joint.
3. To understand how to perform a hip joint imaging study and how to detect the most frequent lesions.

Ankle joint (18 min)

1. To learn the most important aspects of normal anatomy and normal variants of the ankle joint.
2. To be able to recognise artefacts in imaging studies of the ankle joint.
3. To understand how to perform a hip joint imaging study and how to detect the most frequent lesions.

Panel discussion: What have we learned, what should we take home, what questions remain? (5 min)

RC 2300 - Pulmonary embolism and chronic thromboembolic pulmonary hypertension: advanced diagnostics and treatment options

Categories: Cardiac, Chest, General Radiology, Interventional Radiology, Vascular

ETC Level: LEVEL II+III

Date: March 8, 2026 | 09:30 - 10:30 CET

Chairperson's introduction (5 min)

State-of-the-art diagnosis for pulmonary embolism (PE) (15 min)

1. To discuss advanced CT for the diagnosis of PE.
2. To describe classical and atypical diagnostic signs for PE.

Diagnosis of chronic thromboembolic pulmonary hypertension (CTEPH) (15 min)

1. To discuss advanced imaging for CTEPH.
2. To review imaging features of CTEPH.

Interventional radiology treatment of pulmonary embolism and CTEPH (15 min)

1. To review treatment options for acute PE.
2. To discuss interventional treatment options for CTEPH.

Q&A (10 min)

E³ 2319 - Genitourinary reporting and data systems (RADS): moving PI-RADS, VI-RADS, KI-RADS forward

Categories: Genitourinary, Oncologic Imaging
ETC Level: LEVEL II+III
Date: March 8, 2026 | 09:30 - 11:00 CET

Chairperson's introduction (5 min)

Prostate imaging-reporting and data system (PI-RADS): what next? (20 min)

1. To describe the natural history and management of prostate cancer.
2. To describe the current status of PI-RADS for diagnosis of clinically significant prostate cancer.
3. To highlight knowledge gaps and next steps for PI-RADS.

Vesical imaging-reporting and data system (VI-RADS): new developments (20 min)

1. To describe the natural history and management of bladder cancer.
2. To describe the current status of VI-RADS for diagnosis of muscle-invasive bladder cancer.
3. To highlight knowledge gaps and next steps for VI-RADS.

Kidney imaging-reporting and data system (KI-RADS): standardising renal lesion characterisation (20 min)

1. To understand the rationale for developing KI-RADS.
2. To appreciate the current evidence base for KI-RADS.
3. To appreciate the potential for KI-RADS for characterising renal lesions.

Panel discussion: How can we improve the use of reporting and data systems (RADS) in routine practice? (25 min)

RC 2414 - Interventional imaging: technological progress and new frontiers

Categories: Interventional Radiology, Nuclear Medicine, Radiographers, Vascular

Date: March 8, 2026 | 11:30 - 12:30 CET

Chairpersons' introduction (5 min)

Radiographers and radiologists' collaboration in interventional mammography (10 min)

1. To explore new technologies: recognise advancements like DBT and CEDM in interventional mammography.
2. To identify improved techniques: learn about new biopsy and localisation methods.
3. To enhance patient outcomes: understand how advancements improve safety and comfort in procedures.

Interventional procedures guided by nuclear medicine imaging (10 min)

1. To understand PET-guided biopsy.
2. To identify focal therapy delivery techniques.
3. To explore additional techniques in radio-guided surgery.

New techniques in cardiovascular interventional procedures (10 min)

1. To explore new techniques by understanding innovations like robotic assistance and advanced imaging in cardiovascular procedures.
2. To recognise patient benefits with new methods that allow improved outcomes and accuracy.
3. To apply best practices: learn to safely incorporate these techniques into clinical practice.

Interventional techniques in radiation therapy (10 min)

1. To explore cutting-edge techniques like stereotactic radiosurgery and brachytherapy.
2. To enhance treatment precision: improvements in tumour targeting, minimising damage.
3. To prioritise safety through the implementation of accurate procedures in innovative radiation therapies.

Panel discussion: A collaborative outlook on the future of interventional imaging (15 min)