

# ESC CONGRESS 2019

31 August - 04 September 2019, Paris - France

## Scientific Programme

Date and time		Topic	Type	Room
<b>New strategies in acute coronary syndrome management</b>				
Sat 31 Aug	09:00 - 10:30	Acute Coronary Syndromes - Treatment	Advances in Science	Sofia - Village 8
<b>New molecules and targets in heart failure treatment</b>				
Sat 31 Aug	09:00 - 10:30	Pharmacology and Pharmacotherapy	Symposium	Sarajevo - Village 5
<b>Advanced plaque imaging</b>				
Sat 31 Aug	09:00 - 10:30	Coronary Artery Disease - Diagnostic Methods	Rapid Fire Abstracts	Agora 2 - Poster Area
<b>Meet the Experts - Cardiovascular disease in pregnancy</b>				
Sat 31 Aug	09:00 - 10:30	Pregnancy and Cardiovascular Disease	Focus with the Experts	London - Village 2
<b>Very old patient, very new problems</b>				
Sat 31 Aug	09:00 - 10:30	Cardiovascular Disease in the Elderly	Symposium	Balzac - The Hub
<b>Novel pharmacological targets in vascular disease</b>				
Sat 31 Aug	09:00 - 10:30	Basic Science	Advances in Science	Pristina - Village 3
<b>HFpEF: What's new in 2019</b>				
Sat 31 Aug	09:00 - 10:30	Heart Failure with Preserved Ejection Fraction	Abstract Session	Science Box 2 - Poster Area
<b>Mini quiz - Algeria vs Latvia</b>				
Sat 31 Aug	09:00 - 10:15	Training and Education	Special Session	Camus - The Hub
<b>Personalized tobacco cessation strategies for your patient: patches, drugs or e-cigarettes?</b>				
Sat 31 Aug	09:00 - 10:30	Tobacco	Symposium	Prague - Village 2
<b>Controversies in dietary fat</b>				
Sat 31 Aug	09:00 - 10:30	Nutrition, Malnutrition and Heart Disease	Advances in Science	Reykjavik - Village 2
<b>Drug treatment in hypertension - New insights</b>				
Sat 31 Aug	09:00 - 10:30	Hypertension: Pharmacotherapy	Advances in Science	Astana - Village 2

Aortic diseases				
Sat 31 Aug	09:00 - 10:30	Aortic Disease - Clinical	Clinical Cases	Case Corner 1 - Poster Area
Horizons of discovery: using genetics to identify new drug targets				
Sat 31 Aug	09:00 - 10:30	Pharmacology and Pharmacotherapy	Symposium	Athens - Village 3
Challenges in the management of atrial fibrillation				
Sat 31 Aug	09:00 - 10:30	Atrial Fibrillation - Treatment	Advances in Science	Rome - Village 4
Application of single-cell genomics in cardiovascular research				
Sat 31 Aug	09:00 - 10:30	Basic Science	Symposium	Duras - The Hub
Improving the efficiency of advanced cardiac imaging				
Sat 31 Aug	09:00 - 10:30	Imaging	Advances in Science	Nicosia - Village 1
Late Breaking Science in Atrial Fibrillation 1				
Sat 31 Aug	09:00 - 10:30	Arrhythmias, General	Late-Breaking Science	Berlin - Village 4
Late Breaking Science in Acute Coronary Syndromes 1				
Sat 31 Aug	09:00 - 10:10	Acute Coronary Syndromes	Late-Breaking Science	Helsinki - Village 8
Innovative strategies in percutaneous coronary intervention				
Sat 31 Aug	09:00 - 10:30	Coronary Artery Disease - Treatment	Abstract Session	Science Box 1 - Poster Area
Differences in the management and outcomes in congenital versus acquired heart disease				
Sat 31 Aug	09:00 - 10:30	Congenital Heart Disease - Clinical	Advances in Science	Zagreb - Village 6
Meet and Share Forum - Leveraging social media				
Sat 31 Aug	09:00 - 12:00	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
Challenges in valvular heart disease management: Essential Update				
Sat 31 Aug	09:00 - 10:30	Valvular Heart Disease - Clinical	Symposium	Tbilisi - Village 6
Tough calls in acute cardiology - Accept the challenge				
Sat 31 Aug	09:00 - 10:30	Acute Cardiac Care - CCU, Intensive, and Critical Cardiovascular Care	Symposium	Hugo - The Hub
TAVI in the trenches				
Sat 31 Aug	09:00 - 10:30	Non-coronary Cardiac Intervention	Rapid Fire Abstracts	Agora 1 - Poster Area

Unusual encounters in atrial fibrillation ablation and left atrial appendage closure				
Sat 31 Aug	09:00 - 10:30	Atrial Fibrillation - Clinical	Clinical Cases	Case Corner 2 - Poster Area
State of the art management of cardiovascular patient In the emergency department				
Sat 31 Aug	09:00 - 10:30	Acute Cardiac Care - Prehospital and Emergency Department Care	Symposium	Centre Stage - The Hub
Improving the chain of survival after cardiac arrest				
Sat 31 Aug	09:00 - 10:30	Cardiovascular Nursing	Symposium	Colette - The Hub
Technology and Innovation showcase 1				
Sat 31 Aug	10:00 - 14:00	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
Innovations along the clinical pathway				
Sat 31 Aug	10:00 - 17:00	Cross-Modality and Multi-Modality Imaging Topics	Practical Tutorials	Practical Tutorial 6 - Exhibition 1
ESC Paul Hugenoltz Lecture for innovation				
Sat 31 Aug	10:10 - 10:50	e-Cardiology / Digital Health	Special Session	Digital Health Stage 1 - Digital Health Area
Optimize heart failure care program - Countries' experience sharing				
Sat 31 Aug	10:30 - 11:00	Chronic Heart Failure - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
The development and utility of end-systolic imaging protocols in cardiovascular computed tomography				
Sat 31 Aug	10:30 - 12:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Complex PCI revisited				
Sat 31 Aug	11:00 - 12:30	Coronary Intervention	Abstract Session	Science Box 1 - Poster Area
Poster Session 1: Treatment of the chronic heart failure				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
New frontiers: SGLT2 inhibitors in cardiorenal disease				
Sat 31 Aug	11:00 - 12:30	Anti-Diabetic Pharmacotherapy	Advances in Science	Reykjavik - Village 2
Poster Session 1: Acute heart failure				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Predicting coronary events - Is plaque imaging the key?				
Sat 31 Aug	11:00 - 12:30	Imaging: Coronary Artery Disease	Advances in Science	Nicosia - Village 1

<b>Adverse outcomes in atrial fibrillation: can they be prevented?</b>				
Sat 31 Aug	11:00 - 12:30	Atrial Fibrillation - Epidemiology, Prognosis, Outcome	Advances in Science	Rome - Village 4
<b>Poster Session 1: Blood pressure measurement</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Heart failure management</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Heart failure with preserved ejection fraction</b>				
Sat 31 Aug	11:00 - 12:30	Chronic Heart Failure - Diagnostic Methods	Advances in Science	Sarajevo - Village 5
<b>Meet the Experts - Triggers of AHF</b>				
Sat 31 Aug	11:00 - 12:30	Acute Heart Failure- Treatment	Focus with the Experts	Budapest - Village 5
<b>Poster Session 1: Rare cases of heart failure</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Ventricular arrhythmias and sudden cardiac death</b>				
Sat 31 Aug	11:00 - 12:30	Ventricular Arrhythmias and SCD - Clinical	Clinical Cases	Case Corner 1 - Poster Area
<b>Poster Session 1: Digital health</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Cardiovascular magnetic resonance flow and function</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Cardiovascular magnetic resonance</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: The value of strain imaging</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Benefit and safety of physical activity</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Lipids</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 1: Atrial fibrillation, anti-platelet therapy, anticoagulation and bleeding</b>				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area

Interventions for stroke: From prevention to acute treatment				
Sat 31 Aug	11:00 - 12:30	Stroke	Abstract Session	Science Box 2 - Poster Area
Poster Session 1: Cardio-oncology I				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Cardio-oncology III				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Preclinical pharmacotherapy				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Atherosclerosis and vascular dysfunction				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Lipids and metabolism				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Platelets and coagulation				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
High sensitivity troponins in patients with suspected acute coronary syndromes				
Sat 31 Aug	11:00 - 12:30	Acute Coronary Syndromes - Epidemiology, Prognosis, Outcome	Advances in Science	Sofia - Village 8
Poster Session 1: Biomarkers in heart failure				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Novel therapeutic targets in hypertrophic cardiomyopathy				
Sat 31 Aug	11:00 - 12:30	Hypertrophic Cardiomyopathy	Advances in Science	Zagreb - Village 6
Poster Session 1: Cardio-oncology II				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Takotsubo				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Cardiomyopathy				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
New insights for acute coronary syndrome pharmacotherapy				
Sat 31 Aug	11:00 - 12:30	Acute Coronary Syndromes - Treatment	Rapid Fire Abstracts	Agora 1 - Poster Area

Poster Session 1: Surgical therapy in arrhythmia				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Atrial fibrillation ablation and outcomes				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Coronary Artery Disease: Angiography, Invasive Imaging, FFR				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Challenges in the cath lab: a paramedic perspective				
Sat 31 Aug	11:00 - 12:30	Cardiovascular Nursing	Symposium	Colette - The Hub
Translating new pharmacology science into clinical practice				
Sat 31 Aug	11:00 - 12:30	Pharmacology and Pharmacotherapy	Symposium	Pristina - Village 3
Meet the Experts - Cardiac imaging in challenging patient subsets				
Sat 31 Aug	11:00 - 12:30	Cross-Modality and Multi-Modality Imaging, Other	Focus with the Experts	Amsterdam - Village 1
Primary prevention revolution				
Sat 31 Aug	11:00 - 12:30	Risk Factors and Prevention - Other	Symposium	Balzac - The Hub
Non-coding RNAs in cardiovascular disease				
Sat 31 Aug	11:00 - 12:30	Basic Science	Rapid Fire Abstracts	Agora 2 - Poster Area
Optimize heart failure care program - Countries' experience sharing				
Sat 31 Aug	11:00 - 11:30	Chronic Heart Failure - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
TAVI - Tips and tricks for beginners				
Sat 31 Aug	11:00 - 12:30	Non-coronary Cardiac Intervention	Symposium	Hugo - The Hub
PCI Hot Topics in 2019				
Sat 31 Aug	11:00 - 12:30	Coronary Intervention	Symposium	Tallinn - Village 7
Late Breaking Science in Cardiovascular Pharmacology				
Sat 31 Aug	11:00 - 12:30	European Society of Cardiology - Other	Late-Breaking Science	London - Village 2
Guidelines in Practice - Cerebrovascular and peripheral arterial disease				
Sat 31 Aug	11:00 - 12:30	Peripheral Vascular and Cerebrovascular Disease - Treatment	Case-based Session	Tashkent - Village 7
Frontiers in the treatment of cardiomyopathies				
Sat 31 Aug	11:00 - 12:30	Myocardial Disease: Pharmacotherapy	Symposium	Tbilisi - Village 6

Infection, inflammation and the heart				
Sat 31 Aug	11:00 - 12:30	Myocardial Disease	Symposium	Prague - Village 2
Expert Advice - Not all myocardial infarctions are created equal				
Sat 31 Aug	11:00 - 12:30	Coronary Artery Disease (Chronic)	Focus with the Experts	Helsinki - Village 8
Guidelines in Practice - Hypertension in pregnancy and stable coronary syndromes				
Sat 31 Aug	11:00 - 12:30	Hypertension	Case-based Session	Astana - Village 2
Mitochondria and the diabetic heart				
Sat 31 Aug	11:00 - 12:30	Basic Science	Symposium	Duras - The Hub
Digital cardiovascular health revolution - Are you ready?				
Sat 31 Aug	11:00 - 12:30	Digital Health	Symposium	Digital Health Stage 1 - Digital Health Area
Poster Session 1: Left atrial appendage occlusion				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Acute coronary syndromes, coronary artery disease: treatment				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Acute coronary syndromes: risk scores				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Acute coronary syndromes: Universal Definition of Myocardial Infarction				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Pathophysiology of chronic ischemia				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: MINOCA				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Cardiopulmonary resuscitation today				
Sat 31 Aug	11:00 - 12:30	CPR	Symposium	Centre Stage - The Hub
Poster Session 1: Inflammatory, infiltrative and cardiomyopathy				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Supraventricular tachycardia				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area

Poster Session 1: Mitral and tricuspid valve intervention				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Assessment and management of calcific aortic stenosis				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: Comorbidities and prognosis in peripheral artery disease				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 1: High risk percutaneous coronary intervention: STEMI, CTO, atherectomy bifurcations shock				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Mini quiz - France vs Hungary				
Sat 31 Aug	11:00 - 12:15	Training and Education	Special Session	Camus - The Hub
Poster Session 1: Ablation of persistent atrial fibrillation				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
How to implement CABANA, CASTLE-AF and CAPTAF results in clinical practice				
Sat 31 Aug	11:00 - 12:30	Rhythm Control, Catheter Ablation	Case-based Session	Berlin - Village 4
Poster Session 1: Arrhythmia in cardiomyopathy				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Non-coding RNAs regulating cardiac hypertrophy and disease				
Sat 31 Aug	11:00 - 12:30	Basic Science - Cardiac Biology and Physiology: Genetics, Epigenetics, ncRNA	Symposium	Athens - Village 3
Poster Session 1: Transcatheter aortic interventions				
Sat 31 Aug	11:00 - 16:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Acute Coronary Syndromes I				
Sat 31 Aug	11:00 - 12:30	Acute Coronary Syndromes - Clinical	Clinical Cases	Case Corner 2 - Poster Area
When to use NOACs and LMWH: translating guidelines in practice in cancer associated thrombosis				
Sat 31 Aug	11:30 - 12:30	Cardio-Oncology	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Optimize heart failure care program - Countries' experience sharing				
Sat 31 Aug	11:30 - 12:00	Chronic Heart Failure - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1

Measure volume anatomy and flow non-invasively, accurately, quickly and reproducibly in 3D				
Sat 31 Aug	12:30 - 14:00	Echocardiography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
How E-health changed my clinical practice				
Sat 31 Aug	12:30 - 13:30	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Insights into cardiac cell biology for repair and regeneration				
Sat 31 Aug	12:40 - 13:30	Basic Science - Cardiac Diseases: Gene Therapy, Cell Therapy	Moderated Posters	Moderated ePoster 3 - Poster Area
News on advanced echocardiographic in valvular heart disease				
Sat 31 Aug	12:40 - 13:30	Echocardiography: Valve Disease	Moderated Posters	Moderated ePoster 1 - Poster Area
Cardiovascular consequences of obstructive sleep apnea				
Sat 31 Aug	12:40 - 13:35	Basic Science	Symposium	Hugo - The Hub
Let's enhance our efforts in secondary prevention after myocardial infarction?				
Sat 31 Aug	12:40 - 13:35	Secondary Prevention	Symposium	Balzac - The Hub
Physiologic limits of athlete's heart				
Sat 31 Aug	12:40 - 13:30	Sports Cardiology	Moderated Posters	Moderated ePoster 2 - Poster Area
Novelties in pathophysiology of heart failure with preserved ejection fraction				
Sat 31 Aug	12:40 - 13:30	Heart Failure with Preserved Ejection Fraction	Moderated Posters	Moderated ePoster 4 - Poster Area
Pharmaco intervention and mechanisms in acute coronary syndromes				
Sat 31 Aug	12:40 - 13:30	Acute Coronary Syndromes - Pathophysiology and Mechanisms	Moderated Posters	Moderated ePoster 5 - Poster Area
Dilated, infiltrative and inflammatory cardiomyopathies				
Sat 31 Aug	12:40 - 13:30	Myocardial Disease - Clinical	Moderated Posters	Moderated ePoster 6 - Poster Area
New insights in atrial fibrillation ablation: techniques and complications				
Sat 31 Aug	12:40 - 13:30	Rhythm Control, Catheter Ablation	Moderated Posters	Moderated ePoster 7 - Poster Area
Nursing and Allied Health Professions Investigator Award				
Sat 31 Aug	12:40 - 13:40	Cardiovascular Nursing	Special Session	Reykjavik - Village 2
Experts on the spot: expanding knowledge on glucagon-like peptide-1 receptor agonists in cardiometabolic care				
Sat 31 Aug	12:45 - 13:15	Cardiovascular Disease in Special Populations	Satellite Symposium - Experts on the Spot	Duras - The Hub

The future of precision medicine: the case of cardiology				
Sat 31 Aug	12:45 - 13:30	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza
Emergency Care in response to terrorist attacks				
Sat 31 Aug	12:45 - 13:30	Acute Cardiac Care - Prehospital and Emergency Department Care	Special Session	Centre Stage - The Hub
Memorial Lecture for Bongani Mayosi				
Sat 31 Aug	13:05 - 13:45	European Society of Cardiology	Special Session	Prague - Village 2
Non-vitamin K antagonist oral anticoagulants in cancer patients with atrial fibrillation or venous thromboembolism				
Sat 31 Aug	13:30 - 14:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
The Conundrum of HFpEF				
Sat 31 Aug	13:45 - 15:00	Heart Failure with Preserved Ejection Fraction	Symposium	Budapest - Village 5
Expert Advice - All you want to know on catheter ablation of ventricular arrhythmias				
Sat 31 Aug	13:45 - 15:00	Ablation of Ventricular Arrhythmias	Focus with the Experts	Berlin - Village 4
Cardiac tissue engineering: disease modelling and novel therapeutics				
Sat 31 Aug	13:45 - 15:00	Basic Science - Cardiac Biology and Physiology: Biomaterials, Tissue Engineering	Symposium	Athens - Village 3
What makes your heart beat?				
Sat 31 Aug	13:45 - 15:00	Basic Science	Symposium	Duras - The Hub
Outcome disparities in acute coronary syndromes between the rich and poor and in different ethnicities				
Sat 31 Aug	13:45 - 15:00	Acute Coronary Syndromes	Symposium	Sofia - Village 8
Social media in cardiology: 21st century advancement or Pandora's box				
Sat 31 Aug	13:45 - 15:00	Digital Health	Symposium	Digital Health Stage 1 - Digital Health Area
CATCH ME - App-assisted management of patients with atrial fibrillation				
Sat 31 Aug	13:45 - 15:00	Digital Health	Symposium	Rome - Village 4
Health care without walls - Embracing technology to improve outcomes				
Sat 31 Aug	13:45 - 15:00	Cardiovascular Nursing	Symposium	Colette - The Hub
Optimising anticoagulation management in atrial fibrillation patients at high risk				
Sat 31 Aug	13:45 - 14:45	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1

<b>Amyloidosis: more complex than we thought?</b>				
Sat 31 Aug	13:45 - 15:00	Amyloid Heart Disease	Symposium	Hugo - The Hub
<b>Multi-modality imaging in cardiac infection</b>				
Sat 31 Aug	13:45 - 15:00	Positron Emission Tomography (PET) - Inflammation	Case-based Session	Nicosia - Village 1
<b>Sexual activity and your heart</b>				
Sat 31 Aug	13:45 - 15:00	Cardiovascular Rehabilitation	Symposium	London - Village 2
<b>Key issues in risk management after acute coronary syndromes</b>				
Sat 31 Aug	13:45 - 15:00	Acute Coronary Syndromes: Treatment, Revascularization	Symposium	Helsinki - Village 8
<b>Hypertension: Essential Update</b>				
Sat 31 Aug	13:45 - 15:00	Hypertension	Symposium	Astana - Village 2
<b>My patient with severe valvular heart disease says he is asymptomatic: when should I intervene?</b>				
Sat 31 Aug	13:45 - 15:00	Valvular Heart Disease - Clinical	Case-based Session	Tbilisi - Village 6
<b>European cardiovascular research Funding: lagging behind the needs and expectations</b>				
Sat 31 Aug	13:45 - 14:45	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza
<b>New concepts in myocarditis</b>				
Sat 31 Aug	13:45 - 15:00	Myocarditis	Symposium	Zagreb - Village 6
<b>Meet the Experts - How to deal with challenging interventional scenarios</b>				
Sat 31 Aug	13:45 - 15:00	Interventional Cardiology	Focus with the Experts	Tallinn - Village 7
<b>General cardiologists caring for frail patients</b>				
Sat 31 Aug	13:45 - 15:00	Cardiovascular Disease in Primary Care	Symposium	Balzac - The Hub
<b>Peripheral vascular diseases</b>				
Sat 31 Aug	13:45 - 14:55	Peripheral Vascular and Cerebrovascular Disease - Clinical	Clinical Cases	Case Corner 1 - Poster Area
<b>Mini quiz - Estonia vs Slovakia</b>				
Sat 31 Aug	13:45 - 15:00	Training and Education	Special Session	Camus - The Hub
<b>Inherited diseases of the aorta: when science meets practice</b>				
Sat 31 Aug	13:45 - 14:55	Aortic Disease - Clinical	Advances in Science	Tashkent - Village 7

Innovations in CMR imaging of coronary artery disease				
Sat 31 Aug	13:45 - 14:55	Cardiac Magnetic Resonance: Coronary Imaging	Advances in Science	Amsterdam - Village 1
Comprehensive investigations in acute heart failure				
Sat 31 Aug	13:45 - 14:55	Acute Heart Failure - Diagnostic Methods	Advances in Science	Sarajevo - Village 5
Young Investigator Award Session Global Cardiovascular Health				
Sat 31 Aug	13:45 - 14:45	European Society of Cardiology	Young Investigator Award Abstracts	Prague - Village 2
The right glucose-lowering drugs for the right patient				
Sat 31 Aug	13:45 - 14:55	Diabetes and the Heart: Pharmacotherapy	Advances in Science	Reykjavik - Village 2
Perspectives on anticoagulation across cardiovascular disease				
Sat 31 Aug	13:45 - 15:00	Anticoagulants	Rapid Fire Abstracts	Agora 1 - Poster Area
Translational research in acute coronary syndrome registries				
Sat 31 Aug	13:45 - 15:00	Acute Coronary Syndromes - Treatment	Rapid Fire Abstracts	Agora 2 - Poster Area
Atrial fibrillation: from drugs to ablation				
Sat 31 Aug	13:45 - 15:00	Atrial Fibrillation - Epidemiology, Prognosis, Outcome	Abstract Session	Science Box 2 - Poster Area
Arrhythmias				
Sat 31 Aug	13:45 - 15:00	Arrhythmias, General - Clinical	Clinical Cases	Case Corner 2 - Poster Area
Emergency medicine: the French touch				
Sat 31 Aug	13:45 - 15:00	Acute Cardiac Care - Prehospital and Emergency Department Care	Symposium	Centre Stage - The Hub
Imaging parameters in valvular heart disease				
Sat 31 Aug	13:45 - 15:00	Valvular Heart Disease	Abstract Session	Science Box 1 - Poster Area
Late Breaking Basic and Translational Science - Acute Coronary Syndromes and Heart Failure				
Sat 31 Aug	13:50 - 15:00	Basic Science	Late-Breaking Science	Pristina - Village 3
How new tools for long-term electrocardiogram changed my practice				
Sat 31 Aug	14:00 - 15:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Meet and Share Forum - Fundraising				
Sat 31 Aug	14:00 - 17:00	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza

<b>CMR for cardiomyopathy - Beyond pretty pictures</b>				
Sat 31 Aug	14:30 - 16:00	Cardiac Magnetic Resonance	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
<b>From trial to treatment in vascular protection: which high risk patients benefit the most?</b>				
Sat 31 Aug	14:30 - 15:30	Coronary Artery Disease - Treatment	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
<b>Periprocedural management of anticoagulation in routine clinical practice - New insights from the prospective multicentre, multinational EMIT atrial fibrillation/venous thromboembolism study</b>				
Sat 31 Aug	15:00 - 16:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
<b>Optimising anticoagulation management in atrial fibrillation patients with acute coronary syndrome and/or undergoing percutaneous coronary intervention</b>				
Sat 31 Aug	15:00 - 16:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
<b>The heart failure patient's journey: key learning and objectives</b>				
Sat 31 Aug	15:30 - 16:45	Chronic Heart Failure	Satellite Symposium	Sarajevo - Village 5
<b>What is the long term impact of atrial fibrillation? Insights from GARFIELD-AF</b>				
Sat 31 Aug	15:30 - 17:00	Atrial Fibrillation - Stroke Prevention	Satellite Symposium	Athens - Village 3
<b>Optimizing medical device therapies in advanced heart failure</b>				
Sat 31 Aug	15:30 - 16:30	Chronic Heart Failure	Satellite Symposium	Reykjavik - Village 2
<b>The Heart of Fabry - The role of biomarkers in diagnosis and monitoring treatment response</b>				
Sat 31 Aug	15:30 - 16:30	Cardiovascular Disease in Special Populations	Satellite Symposium	Balzac - The Hub
<b>Heart failure treatment - Keeping the patient on the top of our mind</b>				
Sat 31 Aug	15:30 - 16:30	Chronic Heart Failure	Satellite Symposium	Helsinki - Village 8
<b>To the heart of the matter - Identification and management of cardiac amyloidosis</b>				
Sat 31 Aug	15:30 - 16:30	Cardiovascular Disease in Special Populations	Satellite Symposium	Duras - The Hub
<b>Paradigm shift in DOAC reversal - What are the current therapeutic options?</b>				
Sat 31 Aug	15:30 - 16:30	Pharmacology and Pharmacotherapy	Satellite Symposium	Sofia - Village 8
<b>Targeting of PCSK9 with siRNA for LDL-C reduction in a high-risk population</b>				
Sat 31 Aug	15:30 - 16:45	Coronary Artery Disease (Chronic)	Satellite Symposium	Camus - The Hub
<b>The bigger picture in stroke prevention and anticoagulation: think beyond atrial fibrillation</b>				
Sat 31 Aug	15:30 - 16:30	Atrial Fibrillation - Stroke Prevention	Satellite Symposium	Tallinn - Village 7

<b>PCSK9i, changing practice in cardiology: the emerging story</b>				
Sat 31 Aug	15:30 - 16:30	Risk Factors and Prevention	Satellite Symposium	Tbilisi - Village 6
<b>Epigenetics: a new pathway to tackle residual risk?</b>				
Sat 31 Aug	15:30 - 16:30	Risk Factors and Prevention	Satellite Symposium	Zagreb - Village 6
<b>Towards the state-of-the-art potassium control in patients with heart failure: are we there yet?</b>				
Sat 31 Aug	15:30 - 16:30	Chronic Heart Failure	Satellite Symposium	Centre Stage - The Hub
<b>GLP-1 Receptor agonists - Pioneers of further cardiovascular risk reduction in diabetes?</b>				
Sat 31 Aug	15:30 - 16:30	Risk Factors and Prevention	Satellite Symposium	Prague - Village 2
<b>STEMI care today: can we do better?</b>				
Sat 31 Aug	15:30 - 17:00	Acute Coronary Syndromes	Satellite Symposium	Rome - Village 4
<b>Hypertension management: behind the scenes of 2018 ESH/ESC guidelines</b>				
Sat 31 Aug	15:30 - 16:30	Hypertension	Satellite Symposium	Amsterdam - Village 1
<b>Hypertension - Recent top articles and highlights from the journal's 40 years</b>				
Sat 31 Aug	15:30 - 16:30	Hypertension	Satellite Symposium	Colette - The Hub
<b>Optimising anticoagulation management in atrial fibrillation patients with prior stroke</b>				
Sat 31 Aug	16:00 - 17:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
<b>2018 ESC Guidelines - One year after</b>				
Sat 31 Aug	16:15 - 16:55	European Society of Cardiology - Other	Interview Guidelines	ESC TV Stage - ESC Plaza
<b>The development and utility of end-systolic imaging protocols in cardiovascular computed tomography</b>				
Sat 31 Aug	16:30 - 18:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
<b>Generating non-vitamin K antagonist oral anticoagulant long term data in aging atrial fibrillation patients: from trials to routine clinical practice</b>				
Sat 31 Aug	16:30 - 17:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
<b>Inaugural Session</b>				
Sat 31 Aug	17:00 - 18:00	European Society of Cardiology	Special Event	Paris - Main Auditorium

# ESC CONGRESS 2019

31 August - 04 September 2019, Paris - France

## Scientific Programme

Date and time		Topic	Type	Room
<b>Women in basic science: challenges and opportunities</b>				
Sun 01 Sep	07:30 - 08:15	Basic Science	Cardiology@Breakfast	Agora 2 - Poster Area
<b>How to implement PCSK9 inhibitor treatment in my practice</b>				
Sun 01 Sep	07:30 - 08:15	Pharmacology and Pharmacotherapy	Cardiology@Breakfast	Duras - The Hub
<b>Nocturnal hypertension@breakfast</b>				
Sun 01 Sep	07:30 - 08:15	Hypertension - Diagnostic Methods	Cardiology@Breakfast	Colette - The Hub
<b>General cardiology crash course - Part 2</b>				
Sun 01 Sep	07:30 - 08:15	Training and Education	Cardiology@Breakfast	Balzac - The Hub
<b>General cardiology crash course - Part 1</b>				
Sun 01 Sep	07:30 - 08:15	Training and Education	Cardiology@Breakfast	Hugo - The Hub
<b>Stent thrombosis at 3 a.m - How to manage it?</b>				
Sun 01 Sep	07:30 - 08:15	Coronary Intervention: Stent Thrombosis	Cardiology@Breakfast	Camus - The Hub
<b>Hard to diagnose and hard to treat heart failure patients.</b>				
Sun 01 Sep	08:30 - 10:00	Chronic Heart Failure	Case-based Session	Budapest - Village 5
<b>Poster Session 2: Coronary syndrome devices</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Acute Coronary Syndromes - Epidemiology, Prognosis, Outcome</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Acute Coronary Syndromes: Biomarkers</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Meet the Experts - Pushing the boundaries. Are there any limits for atrial fibrillation ablation indications?</b>				
Sun 01 Sep	08:30 - 10:00	Rhythm Control, Catheter Ablation	Focus with the Experts	Rome - Village 4
<b>Poster Session 2: Acute Coronary Syndromes: Treatment, Revascularisation</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Poster Session 2: Resuscitation				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Arrhythmia detection and device therapy - Essential Update Part 2				
Sun 01 Sep	08:30 - 10:00	Arrhythmias, General	Symposium	Berlin - Village 4
Complex patient-centered interventions in cardiovascular care				
Sun 01 Sep	08:30 - 10:00	Chronic Nursing Care	Advances in Science	Prague - Village 2
Poster Session 2: Hypertension risk factors and life style				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Emerging arrhythmia therapies				
Sun 01 Sep	08:30 - 10:00	Basic Science - Cardiac Diseases: Arrhythmias	Symposium	Athens - Village 3
Poster Session 2: Management of patients with Left Ventricular Assist Device				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Treatment of heart failure				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Acute heart failure				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Patient derived iPSC-modelling of inherited cardiovascular disorders				
Sun 01 Sep	08:30 - 10:00	Basic Science	Symposium	Pristina - Village 3
Poster Session 2: Biomarkers in heart failure				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Treatment of conundrum in acute heart failure				
Sun 01 Sep	08:30 - 10:00	Acute Heart Failure	Advances in Science	Sarajevo - Village 5
Poster Session 2: Non ST elevation myocardial infarction				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Heart failure outcome				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Coronary Artery Disease: Treatment, Revascularisation				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

**2019 ESC Guidelines Overview**

Sun 01 Sep	08:30 - 10:00	European Society of Cardiology	Main Session	Paris - Main Auditorium
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**Poster Session 2: ST- Elevation Myocardial Infarction**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Acute coronary syndrome**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Signaling in heart failure**

Sun 01 Sep	08:30 - 10:00	Basic Science - Cardiac Diseases:Heart Failure	Rapid Fire Abstracts	Agora 2 - Poster Area
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**Hot topics in myocardial and pericardial diseases**

Sun 01 Sep	08:30 - 10:00	Myocardial Disease - Clinical	Rapid Fire Abstracts	Agora 1 - Poster Area
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**Poster Session 2: Transcatheter aortic interventions**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Clinical aspects in congenital heart disease**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Inflammatory and infiltrative cardiomyopathy**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Diagnostic tools for the aorta**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: High-sensitivity troponin**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Aortic disease**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Cryoballoon ablation of atrial fibrillation**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Surgery**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 2: Non-coronary cardiac intervention**

Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
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<b>Poster Session 2: Complications in Atrial Fibrillation ablation</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Cardiogenic shock</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Arrhythmia general prevention and diagnosis</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Arrhythmias</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Role of diastolic dysfunction in cardiovascular risk prediction</b>				
Sun 01 Sep	08:30 - 10:00	Echocardiography: Systolic and Diastolic Function	Advances in Science	Nicosia - Village 1
<b>Alcohol septal ablation of hypertrophic cardiomyopathy</b>				
Sun 01 Sep	08:30 - 10:00	Hypertrophic Cardiomyopathy	Live in the Box	Centre Stage - The Hub
<b>Journal of the American College of Cardiology's Year in Cardiology: four challenges to enhance major health factors</b>				
Sun 01 Sep	08:30 - 10:00	European Society of Cardiology - Other	Symposium	Balzac - The Hub
<b>Poster Session 2: Atrial fibrillation pathophysiology and mechanisms</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Drug treatment for atrial fibrillation</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Transcatheter valve intervention in the real world</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Mitral and tricuspid</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Kidneys matter in NVAF patients: Experts working together for better patient outcomes</b>				
Sun 01 Sep	08:30 - 09:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
<b>Digital cardiovascular health solutions</b>				
Sun 01 Sep	08:30 - 10:00	Digital Health	Symposium	Digital Health Stage 1 - Digital Health Area
<b>Poster Session 2: Cardiovascular risk factors, prevalence and prognosis</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Acute stroke - What a cardiologist should know				
Sun 01 Sep	08:30 - 10:00	Stroke: Acute Intervention	Symposium	Tallinn - Village 7
Poster Session 2: Remote patient monitoring and telemedicine				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Heart failure: pathophysiology				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
How should I treat heart failure - From ejection fraction to personalised medicine				
Sun 01 Sep	08:30 - 10:00	Myocardial Disease - Clinical	Case-based Session	Zagreb - Village 6
New hopes for patients with tricuspid regurgitation				
Sun 01 Sep	08:30 - 10:00	Valvular Heart Disease - Clinical	Symposium	Tbilisi - Village 6
Controversies in valvular heart disease				
Sun 01 Sep	08:30 - 10:00	Valvular Heart Disease - Treatment	Debate Session	Duras - The Hub
Poster Session 2: Cardiovascular disease in elderly				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Managing acute right heart failure				
Sun 01 Sep	08:30 - 10:00	Acute Cardiac Care - CCU, Intensive, and Critical Cardiovascular Care	Symposium	Helsinki - Village 8
Poster Session 2: Stress echocardiography				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Echo cardiomyopathy				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: New approaches to diastolic function assessment				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
How should I treat NSTEMI frail patients				
Sun 01 Sep	08:30 - 10:00	Acute Coronary Syndromes - Pathophysiology and Mechanisms	Case-based Session	Sofia - Village 8
Poster Session 2: Echo in patients with coronary artery disease				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Non-Atherosclerotic Coronary Diseases				
Sun 01 Sep	08:30 - 10:00	Non-Atherosclerotic Coronary Abnormalities	Clinical Cases	Case Corner 2 - Poster Area

Acute Cardiac Care				
Sun 01 Sep	08:30 - 10:00	Acute Cardiac Care	Clinical Cases	Case Corner 1 - Poster Area
Poster Session 2: Risk Factors and Prevention, Cardiovascular Disease in Special Populations				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Management of high risk hypertension				
Sun 01 Sep	08:30 - 10:00	Hypertension - Treatment	Symposium	Astana - Village 2
Poster Session 2: Cardiomyopathy				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 2: Cardio-oncology				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Advances in revascularisation strategies in patients with multivessel disease				
Sun 01 Sep	08:30 - 10:00	Coronary Intervention	Advances in Science	Tashkent - Village 7
Poster Session 2: Cardiac hypertrophy				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Targeting inflammation in cardiovascular disease - Is it feasible? And safe?				
Sun 01 Sep	08:30 - 10:00	Pharmacology and Pharmacotherapy	Symposium	Reykjavik - Village 2
Novelties in atrial fibrillation and flutter management				
Sun 01 Sep	08:30 - 10:00	Atrial Fibrillation - Treatment	Abstract Session	Science Box 2 - Poster Area
Cardioncology for general cardiology: not only heart failure				
Sun 01 Sep	08:30 - 10:00	Cardio-Oncology	Symposium	Colette - The Hub
Multimodality imaging quiz: the whole is greater than the sum of its parts				
Sun 01 Sep	08:30 - 10:00	Imaging - Other	Symposium	Hugo - The Hub
How to reduce global CVD by 30% by 2030?				
Sun 01 Sep	08:30 - 10:00	Risk Factors and Prevention	Symposium	Camus - The Hub
Catheter-based renal denervation: recent developments and new frontiers				
Sun 01 Sep	08:30 - 10:00	Hypertension: Device Treatment and Intervention	Abstract Session	Science Box 1 - Poster Area
Poster Session 2: Electrophysiology and arrhythmias				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

<b>How should I image a patient to differentiate constriction from restriction? And a patient with a cardiac mass?</b>				
Sun 01 Sep	08:30 - 10:00	Cardiac Magnetic Resonance: Cardiac Masses	Case-based Session	Amsterdam - Village 1
<b>Poster Session 2: Use benefit and risk of pharmacotherapy</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 2: Kidney disease and the heart</b>				
Sun 01 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>What's hot on the plate?</b>				
Sun 01 Sep	08:30 - 10:00	Nutrition, Malnutrition and Heart Disease	Symposium	London - Village 2
<b>Technology and Innovation showcase 2</b>				
Sun 01 Sep	09:00 - 12:30	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
<b>How can echo help in the comprehensive assessment of the left-sided heart failure</b>				
Sun 01 Sep	09:00 - 10:00	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
<b>Cardiovascular magnetic resonance imaging for valvular disease - What does it add?</b>				
Sun 01 Sep	09:00 - 10:00	Cardiac Magnetic Resonance	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
<b>Meet and Share Forum - Campaigns</b>				
Sun 01 Sep	09:00 - 12:00	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
<b>How to easily inject a new implantable cardiac monitor</b>				
Sun 01 Sep	10:00 - 11:00	Imaging	Practical Tutorials	Practical Tutorial 4 - Exhibition 1
<b>The diagnosis of sleep apnoea, why cardiologists should do it?</b>				
Sun 01 Sep	10:00 - 11:00	Sleep Disorders	Practical Tutorials	Practical Tutorial 7 - Exhibition 1
<b>Siemens Healthineers Innovation lounge</b>				
Sun 01 Sep	10:00 - 17:00	Cross-Modality and Multi-Modality Imaging Topics	Practical Tutorials	Practical Tutorial 6 - Exhibition 1
<b>Optimising anticoagulation management in patients with newly detected atrial fibrillation and at low risk</b>				
Sun 01 Sep	10:00 - 11:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
<b>Nuclear cardiology: from bench to bedside</b>				
Sun 01 Sep	10:05 - 10:55	Nuclear Imaging	Moderated Posters	Moderated ePoster 1 - Poster Area

Assessment of residual risk after percutaneous coronary intervention				
Sun 01 Sep	10:05 - 10:55	Invasive Imaging and Functional Assessment	Moderated Posters	Moderated ePoster 5 - Poster Area
Identifying and managing complications of atrial fibrillation				
Sun 01 Sep	10:05 - 10:55	Atrial Fibrillation - Treatment	Moderated Posters	Moderated ePoster 7 - Poster Area
Insight into atrial physiology and pathology				
Sun 01 Sep	10:05 - 10:55	Basic Science - Cardiac Diseases: Arrhythmias	Moderated Posters	Moderated ePoster 3 - Poster Area
Clinical, imaging and genetic advances in hypertrophic cardiomyopathy				
Sun 01 Sep	10:05 - 10:55	Hypertrophic Cardiomyopathy	Moderated Posters	Moderated ePoster 6 - Poster Area
CRT: specific populations and novel imaging techniques of cardiac mechanics				
Sun 01 Sep	10:05 - 10:55	Resynchronization Therapy	Moderated Posters	Moderated ePoster 4 - Poster Area
How good/bad are we in treating lipids				
Sun 01 Sep	10:05 - 10:55	Lipids	Moderated Posters	Moderated ePoster 2 - Poster Area
Blockbusters from the Young : Multimodality Imaging in coronary artery disease				
Sun 01 Sep	10:10 - 10:50	Imaging: Coronary Artery Disease	Abstract Session	Agora 1 - Poster Area
The European Heart Journal's advances from prevention to intervention: the year in Cardiology				
Sun 01 Sep	10:10 - 10:50	European Society of Cardiology	Special Session	Centre Stage - The Hub
Blockbusters from the Young in preventive cardiology				
Sun 01 Sep	10:10 - 10:50	Risk Factors and Prevention	Abstract Session	Agora 2 - Poster Area
The bigger picture in stroke prevention: integrating atrial fibrillation, kidney disease and diabetes to optimise patient care				
Sun 01 Sep	10:15 - 10:45	Atrial Fibrillation - Stroke Prevention	Satellite Symposium - Experts on the Spot	Balzac - The Hub
The ideal renal denervation patient: interactive discussion on patient selection				
Sun 01 Sep	10:15 - 10:45	Hypertension	Satellite Symposium - Experts on the Spot	Colette - The Hub
Latest strategies to prevent cardiac device infections: WRAP-IT study results				
Sun 01 Sep	10:15 - 10:45	Arrhythmias, General	Satellite Symposium - Experts on the Spot	Duras - The Hub
Optimizing heart failure care: where do we stand?				
Sun 01 Sep	10:15 - 10:45	Chronic Heart Failure	Satellite Symposium - Experts on the Spot	Camus - The Hub

Implications of new CV risk reduction indication of PCSK9 inhibitors - Focus on ODYSSEY outcomes				
Sun 01 Sep	10:15 - 10:45	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Hugo - The Hub
ESC Geoffrey Rose Lecture on Population Sciences				
Sun 01 Sep	10:20 - 11:00	Atrial Fibrillation	Special Session	Prague - Village 2
Right ventricle - The forgotten heart chamber? When and how should we analyze it				
Sun 01 Sep	10:25 - 11:25	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Non-coronary cardiac computed tomography				
Sun 01 Sep	10:30 - 12:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Optimizing anticoagulation in routine interventional procedures				
Sun 01 Sep	10:30 - 11:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Is cardiac rehabilitation still a must in the 21st century?				
Sun 01 Sep	11:00 - 12:30	Cardiovascular Rehabilitation	Debate Session	Reykjavik - Village 2
The weight of the world: the global challenge of obesity				
Sun 01 Sep	11:00 - 12:30	Obesity	Symposium	London - Village 2
Young Investigator Award Session Population sciences				
Sun 01 Sep	11:00 - 12:00	Risk Factors and Prevention	Young Investigator Award Abstracts	Prague - Village 2
Late Breaking Science in Atrial Fibrillation 2				
Sun 01 Sep	11:00 - 12:30	Arrhythmias, General	Late-Breaking Science	Berlin - Village 4
Challenges in hypertension treatment				
Sun 01 Sep	11:00 - 12:30	Hypertension - Treatment	Rapid Fire Abstracts	Agora 2 - Poster Area
Late Breaking Science in Acute Coronary Syndromes 2				
Sun 01 Sep	11:00 - 12:30	Acute Coronary Syndromes	Late-Breaking Science	Helsinki - Village 8
Optimal therapy for aortic arch disease				
Sun 01 Sep	11:00 - 12:30	Aortic Disease - Treatment	Symposium	Tashkent - Village 7
Aneurysms: optimal management in 2019				
Sun 01 Sep	11:00 - 12:30	Aortic Disease - Treatment	Symposium	Colette - The Hub

Transcatheter treatment of valvular heart disease: stretching the limits				
Sun 01 Sep	11:00 - 12:30	Valvular Heart Disease - Treatment	Symposium	Tbilisi - Village 6
How Big Data will impact cardiology: a physician's guide				
Sun 01 Sep	11:00 - 12:30	e-Cardiology / Digital Health	Symposium	Digital Health Stage 1 - Digital Health Area
Lifestyle scores best				
Sun 01 Sep	11:00 - 12:30	Risk Factors and Prevention	Abstract Session	Science Box 2 - Poster Area
Acute heart diseases in young adults				
Sun 01 Sep	11:00 - 12:30	Acute Cardiac Care	Symposium	Sofia - Village 8
2019 ESC Guidelines on Chronic Coronary Syndromes				
Sun 01 Sep	11:00 - 12:30	Coronary Artery Disease (Chronic)	Main Session	Paris - Main Auditorium
Echocardiography masterclass				
Sun 01 Sep	11:00 - 12:30	Echocardiography	Clinical Cases	Case Corner 2 - Poster Area
Acute Coronary Syndromes II				
Sun 01 Sep	11:00 - 12:30	Acute Coronary Syndromes - Clinical	Clinical Cases	Case Corner 1 - Poster Area
Interventional therapy for heart failure				
Sun 01 Sep	11:00 - 12:30	Chronic Heart Failure - Treatment	Symposium	Sarajevo - Village 5
Expert Advice - Focus on heart failure with preserved ejection fraction (HFpEF)				
Sun 01 Sep	11:00 - 12:30	Chronic Heart Failure	Focus with the Experts	Budapest - Village 5
Controversies in the management of pulmonary hypertension and venous thromboembolism				
Sun 01 Sep	11:00 - 12:30	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Debate Session	Duras - The Hub
New treatment studies in heart failure				
Sun 01 Sep	11:00 - 12:30	Chronic Heart Failure - Treatment	Rapid Fire Abstracts	Agora 1 - Poster Area
The year in hypertension : hot papers 2018/2019				
Sun 01 Sep	11:00 - 12:30	Hypertension	Symposium	Astana - Village 2
Meet the Experts - How to avoid traps in your echocardiographic studies				
Sun 01 Sep	11:00 - 12:30	Echocardiography, Other	Focus with the Experts	Amsterdam - Village 1

Predicting outcomes after aortic valve intervention				
Sun 01 Sep	11:00 - 12:30	Imaging: Valve Disease	Advances in Science	Nicosia - Village 1
Global and regional burden of cardiovascular disease : what are the evidence gaps and how to fix them				
Sun 01 Sep	11:00 - 12:30	Cardiovascular Disease in Special Populations	Symposium	Camus - The Hub
Heart and Stroke – Clinically relevant interactions				
Sun 01 Sep	11:00 - 12:30	Stroke	Symposium	Tallinn - Village 7
Highlights from the New England Journal of Medicine: editors' choice				
Sun 01 Sep	11:00 - 12:10	European Society of Cardiology - Other	Symposium	Balzac - The Hub
What is new in tachyarrhythmia? Essential Update Part 1				
Sun 01 Sep	11:00 - 12:30	Arrhythmias, General	Symposium	Rome - Village 4
Immune modulation in cardiovascular disease				
Sun 01 Sep	11:00 - 12:30	Basic Science	Abstract Session	Science Box 1 - Poster Area
Cardio-Oncology: Novel mechanisms and clinical implications				
Sun 01 Sep	11:00 - 12:30	Cardiac Diseases, Other	Symposium	Athens - Village 3
PCI of the left main bifurcation				
Sun 01 Sep	11:00 - 12:30	Percutaneous Coronary Intervention	Live in the Box	Centre Stage - The Hub
Atrial cardiomyopathies				
Sun 01 Sep	11:00 - 12:30	Basic Science	Symposium	Pristina - Village 3
From trials to clinical use: transcatheter interventions in secondary mitral regurgitation				
Sun 01 Sep	11:00 - 12:30	Valvular Heart Disease	Advances in Science	Zagreb - Village 6
Designing a clinical study - Learning from the masters				
Sun 01 Sep	11:00 - 12:30	Trial Design	Symposium	Hugo - The Hub
Part I: Towards Integrity in Research. A continuing challenge.				
Sun 01 Sep	11:15 - 12:15	ESC Committees	Professional Development	Global Exchange 1 - ESC Plaza
Interactive case challenge: The patient with CAD with comorbidities and complications				
Sun 01 Sep	11:30 - 12:30	Pharmacology and Pharmacotherapy	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Revealing new insights of structural valve disease				
Sun 01 Sep	11:50 - 12:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1

Optimal once daily oral anticoagulation use in patients undergoing catheter ablation - the European and the Japanese perspective				
Sun 01 Sep	12:00 - 13:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Optimising anticoagulation management in atrial fibrillation patients with prior stroke				
Sun 01 Sep	12:30 - 13:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
Measure volume anatomy and flow non-invasively, accurately, quickly and reproducibly in 3D				
Sun 01 Sep	12:30 - 14:00	Echocardiography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Prediction of outcomes in lower extremity artery disease				
Sun 01 Sep	12:40 - 13:30	Peripheral Vascular and Cerebrovascular Disease - Epidemiology, Prognosis, Outcome	Moderated Posters	Moderated ePoster 6 - Poster Area
Artificial intelligence M-health				
Sun 01 Sep	12:40 - 13:30	e-Cardiology / Digital Health	Moderated Posters	Moderated ePoster 1 - Poster Area
Evolving developments in anti-platelet therapy				
Sun 01 Sep	12:40 - 13:30	Antiplatelet Drugs	Moderated Posters	Moderated ePoster 2 - Poster Area
Vascular signalling				
Sun 01 Sep	12:40 - 13:30	Basic Science - Vascular Diseases	Moderated Posters	Moderated ePoster 3 - Poster Area
Hypertension around the world				
Sun 01 Sep	12:40 - 13:30	Hypertension - Epidemiology, Prognosis, Outcome	Moderated Posters	Moderated ePoster 4 - Poster Area
New applications of risk assessment in coronary artery disease				
Sun 01 Sep	12:40 - 13:30	Coronary Artery Disease (Chronic)	Moderated Posters	Moderated ePoster 5 - Poster Area
PCI outcomes: focus on long term follow-up				
Sun 01 Sep	12:40 - 13:30	Coronary Intervention	Moderated Posters	Moderated ePoster 7 - Poster Area
Eugene Braunwald and ESC Women in cardiology				
Sun 01 Sep	12:45 - 13:15	European Society of Cardiology - Other	Interview	ESC TV Stage - ESC Plaza
Diet and risk reduction of cardiovascular disease - Evidence, controversies, and consensus				
Sun 01 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Nicosia - Village 1
Innovations in digital medicine				
Sun 01 Sep	13:00 - 14:00	e-Cardiology / Digital Health	Satellite Symposium	Amsterdam - Village 1

<b>New approach for worsening chronic heart failure</b>				
Sun 01 Sep	13:00 - 13:45	Chronic Heart Failure	Satellite Symposium	Centre Stage - The Hub
<b>Patient involvement: unleashing the potential for true excellence in cardiovascular care</b>				
Sun 01 Sep	13:00 - 14:00	ESC Board	Professional Development	Global Exchange 1 - ESC Plaza
<b>Evolving scientific evidence with PCSK9 inhibitors based on ODYSSEY outcomes</b>				
Sun 01 Sep	13:00 - 14:00	Acute Coronary Syndromes	Satellite Symposium	Budapest - Village 5
<b>Let's talk about high-sensitivity troponin I: perspectives from the cardiology and the emergency departments</b>				
Sun 01 Sep	13:00 - 14:00	Acute Coronary Syndromes	Satellite Symposium	Colette - The Hub
<b>Innovative development in watch-type wearable SMART blood pressure monitoring and its clinical application</b>				
Sun 01 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Duras - The Hub
<b>Hypercholesterolemia management - What will be our options after tomorrow?</b>				
Sun 01 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Zagreb - Village 6
<b>Insertable cardiac monitors to detect arrhythmias: evidence update and future outlook</b>				
Sun 01 Sep	13:00 - 14:00	Arrhythmias, General	Satellite Symposium	Reykjavik - Village 2
<b>Recovering hearts - Saving lives</b>				
Sun 01 Sep	13:00 - 14:00	Interventional Cardiology	Satellite Symposium	Hugo - The Hub
<b>Multi-dimensional glucagon-like peptide-1 receptor agonists – Positioning their role in treatment of type 2 diabetes and cardiovascular disease</b>				
Sun 01 Sep	13:00 - 14:00	Cardiovascular Disease in Special Populations	Satellite Symposium	Athens - Village 3
<b>Aortic stenosis treatment evolution - Which therapy for which patient?</b>				
Sun 01 Sep	13:00 - 14:00	Valvular Heart Disease	Satellite Symposium	Balzac - The Hub
<b>10 years since RE-LY: comprehensive experience for atrial fibrillation patients</b>				
Sun 01 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	Rome - Village 4
<b>Cities as drivers of cardiovascular health: examples from three continents</b>				
Sun 01 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Helsinki - Village 8
<b>Pulmonary arterial hypertension - The importance of assessing risk in treatment and management to delay disease progression</b>				
Sun 01 Sep	13:00 - 14:00	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Satellite Symposium	Tashkent - Village 7

Intensive platelet inhibition in acute coronary syndromes - Where are we a decade after PLATO study results? (EBAC Accredited)				
Sun 01 Sep	13:00 - 14:00	Acute Coronary Syndromes	Satellite Symposium	Tbilisi - Village 6
Echocardiography, more than just an imaging modality. Panel discussion illustrated by clinical cases				
Sun 01 Sep	13:00 - 14:00	Imaging	Satellite Symposium	Pristina - Village 3
PCSK9 inhibitors: let's get real				
Sun 01 Sep	13:00 - 14:00	Myocardial Disease	Satellite Symposium	Berlin - Village 4
Beyond statins - Evolving concepts for the management of dyslipidaemia				
Sun 01 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Astana - Village 2
Bridging the gap in the management of stable angina patients				
Sun 01 Sep	13:00 - 14:00	Coronary Artery Disease (Chronic)	Satellite Symposium	Camus - The Hub
Achieving the new blood pressure targets: from control to protection				
Sun 01 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Sarajevo - Village 5
NOACs in cancer associated thrombosis: managing anticoagulation in cancer patients in clinical practice				
Sun 01 Sep	13:00 - 14:00	Cardiovascular Disease in Special Populations	Satellite Symposium	Tallinn - Village 7
SGLT2 inhibitors in clinical cardiology: modern-day cardiovascular management in patients with type 2 diabetes				
Sun 01 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	London - Village 2
Looking to the future of identifying transthyretin amyloid cardiomyopathy				
Sun 01 Sep	13:00 - 14:00	Chronic Heart Failure	Satellite Symposium	Sofia - Village 8
Technology and Innovation showcase 3				
Sun 01 Sep	13:30 - 17:00	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
Practical management of oral anticoagulants in Latin America population				
Sun 01 Sep	13:30 - 14:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Optimising anticoagulation management in atrial fibrillation patients at high risk				
Sun 01 Sep	13:30 - 14:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
Revealing new insights of structural valve disease				
Sun 01 Sep	13:50 - 14:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Poster Session 3: IPS disease modelling and congenital heart disease				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area

**Poster Session 3: Antiplatelet therapy**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Ambulatory, remote monitoring & imaging in heart failure**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Electrophysiology and arrhythmias**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Extracellular vesicles and cell communication in cardiovascular disease**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Women, pregnancy and cardiac disease**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Cardiovascular disease in the elderly**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Cardiovascular rehabilitation**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Cardiorespiratory fitness for prevention**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Diabetes**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Heart failure treatment, HFpEF, HFrEF**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Echo for heart failure and heart transplantation**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Imaging the left atrium: what's new?**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Neuro and psychiatric**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Acute heart failure 1**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Cardiac arrest**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Heart failure: prognosis, outcome**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Coronary Artery Disease : Non-invasive Diagnostic Methods**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Implantable cardioverter defibrillator therapy**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Basic science atrial fibrillation**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Complications in device implantation**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Atrial fibrillation ablation: lesion optimisation**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Atrial fibrillation ablation - Results from large cohorts**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Sudden cardiac death**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Percutaneous coronary syndrome: pharma and devices**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Stroke, carotid arteries and aorta - Miscellaneous**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Late sequelae of venous thromboembolism**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Risk assessment in infective endocarditis**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 3: Epidemiology, pathophysiology and particular aspects of valve disease**

Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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<b>Poster Session 3: Imaging in congenital heart disease</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Inflammatory and infiltrative cardiomyopathy</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Coronary microcirculation</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Acute coronary syndrome - Procedural devices</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: CAD - Lifestyle modification and non-pharmacological treatment</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Biomarkers</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Imaging in the general population setting</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Acute coronary syndrome risk, other</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Hypertension special circumstances</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Acute heart failure 2</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 3: Computational cardiology</b>				
Sun 01 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Optimize heart failure care program - Countries' experience sharing</b>				
Sun 01 Sep	14:00 - 14:30	Chronic Heart Failure - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
<b>Meet and Share Forum - Advocacy</b>				
Sun 01 Sep	14:00 - 17:00	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
<b>Female patients and female physicians. Does it make any difference?</b>				
Sun 01 Sep	14:15 - 15:15	Cardiovascular Disease in Women	Professional Development	Global Exchange 1 - ESC Plaza

Best clinical cases - Awards session				
Sun 01 Sep	14:30 - 15:40	European Society of Cardiology	Clinical Cases	Hugo - The Hub
Advances and challenges in cardiac pacing therapy				
Sun 01 Sep	14:30 - 15:40	Device Therapy	Advances in Science	Berlin - Village 4
Devices and heart failure: new insights				
Sun 01 Sep	14:30 - 15:40	Resynchronization Therapy	Advances in Science	Sarajevo - Village 5
New insights into sex differences in acute coronary syndromes				
Sun 01 Sep	14:30 - 15:40	Acute Coronary Syndromes - Treatment	Symposium	Sofia - Village 8
Hot Line Session 1				
Sun 01 Sep	14:30 - 15:50	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
Young Investigator Award Session Thrombosis				
Sun 01 Sep	14:30 - 15:30	Thrombosis, Platelets, and Coagulation	Young Investigator Award Abstracts	Tbilisi - Village 6
Cardiac MR powered by cloud and artificial intelligence to accelerate clinical workflow				
Sun 01 Sep	14:30 - 16:00	Cardiac Magnetic Resonance	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Can we trump advanced heart failure, once and for all? Intercontinental perspectives				
Sun 01 Sep	14:30 - 15:40	Chronic Heart Failure - Epidemiology, Prognosis, Outcome	Symposium	Colette - The Hub
Device therapy				
Sun 01 Sep	14:30 - 15:40	Device Complications and Lead Extraction	Clinical Cases	Case Corner 2 - Poster Area
Bradycardia				
Sun 01 Sep	14:30 - 15:40	Syncope and Bradycardia - Clinical	Clinical Cases	Case Corner 1 - Poster Area
Tips and tricks for your daily Transesophageal Echocardiogram				
Sun 01 Sep	14:30 - 15:40	Imaging	Focus with the Experts	Amsterdam - Village 1
Molecular underpinning of HFpEF				
Sun 01 Sep	14:30 - 15:40	Basic Science - Cardiac Diseases:Heart Failure	Symposium	Athens - Village 3
Meet the Experts - Clinical challenges while dealing with antithrombotic therapy				
Sun 01 Sep	14:30 - 15:40	Pharmacology and Pharmacotherapy	Focus with the Experts	Prague - Village 2

Young Investigator Award Session Basic Science				
Sun 01 Sep	14:30 - 15:30	Basic Science	Young Investigator Award Abstracts	Pristina - Village 3
Advancing the management of hypertension for nurses and allied professions				
Sun 01 Sep	14:30 - 15:40	Cardiovascular Nursing	Symposium	Astana - Village 2
Chronic heart failure: Essential Update				
Sun 01 Sep	14:30 - 15:40	Chronic Heart Failure	Symposium	Budapest - Village 5
Controversies in anti-platelet therapy				
Sun 01 Sep	14:30 - 15:40	Acute Coronary Syndromes: Pharmacotherapy	Debate Session	Duras - The Hub
Factors affecting prognosis of CABG patients				
Sun 01 Sep	14:30 - 15:40	Cardiovascular Surgery	Abstract Session	Science Box 1 - Poster Area
Kidneys matter in NVAF patients: Experts working together for better patient outcomes				
Sun 01 Sep	14:30 - 15:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Inflammation, cardiovascular disease and cancer				
Sun 01 Sep	14:30 - 15:40	Risk Factors and Prevention - Epidemiology	Advances in Science	Reykjavik - Village 2
Personalising cardiovascular risk assessment in primary prevention				
Sun 01 Sep	14:30 - 15:40	Risk Factors and Prevention - Cardiovascular Risk Assessment	Symposium	London - Village 2
Cardiovascular highlights from the JAMA Network, 2018-19				
Sun 01 Sep	14:30 - 15:40	European Society of Cardiology	Symposium	Camus - The Hub
Difficult issues for atrial fibrillation patients in general cardiology				
Sun 01 Sep	14:30 - 15:40	Atrial Fibrillation - Treatment	Symposium	Rome - Village 4
Optimize heart failure care program - Next steps				
Sun 01 Sep	14:30 - 15:00	Chronic Heart Failure - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Guidelines in Daily Practice - Valvular Heart Disease				
Sun 01 Sep	14:30 - 15:40	Valvular Heart Disease	Case-based Session	Zagreb - Village 6
Risk behaviour and psychological distress in cardiovascular patients and their family				
Sun 01 Sep	14:30 - 15:40	Cardiovascular Nursing	Rapid Fire Abstracts	Agora 1 - Poster Area

New insights into cardiopulmonary resuscitation				
Sun 01 Sep	14:30 - 15:40	Acute Cardiac Care - Resuscitation	Symposium	Helsinki - Village 8
Late Breaking Basic and Translational Science - Hypertension and Endothelial dysfunction				
Sun 01 Sep	14:30 - 15:40	Basic Science	Late-Breaking Science	Balzac - The Hub
Coronary artery disease and comorbidities				
Sun 01 Sep	14:30 - 15:40	Coronary Artery Disease - Clinical	Rapid Fire Abstracts	Agora 2 - Poster Area
Left atrial function evaluation in clinical practice				
Sun 01 Sep	14:30 - 15:40	Imaging: Systolic and Diastolic Function	Advances in Science	Nicosia - Village 1
Lower extremity artery disease: when to revascularise?				
Sun 01 Sep	14:30 - 15:40	Peripheral Vascular and Cerebrovascular Disease - Treatment	Case-based Session	Tashkent - Village 7
Non-troponin biomarkers in acute coronary syndromes				
Sun 01 Sep	14:30 - 15:40	Acute Coronary Syndromes: Biomarkers	Abstract Session	Science Box 2 - Poster Area
Ethics in research: participants, trials and guidelines				
Sun 01 Sep	14:30 - 15:40	Research Ethics	Advances in Science	Digital Health Stage 1 - Digital Health Area
Sleep apnoea, what happens after the diagnosis? What are the therapy options?				
Sun 01 Sep	15:00 - 16:00	Sleep Disorders	Practical Tutorials	Practical Tutorial 7 - Exhibition 1
Atrial fibrillation - A practical session on the management of the complex older patient				
Sun 01 Sep	15:00 - 16:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Atrial fibrillation decision making with use of a smart textile				
Sun 01 Sep	15:00 - 16:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
How to optimize the performance of structural heart interventions				
Sun 01 Sep	15:15 - 16:15	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
ESC William Harvey Lecture on Basic Science				
Sun 01 Sep	15:30 - 16:10	Basic Science	Special Session	Pristina - Village 3
Present & Future of cardiac Computed Tomography				
Sun 01 Sep	15:45 - 16:35	Coronary CT Angiography	Moderated Posters	Moderated ePoster 1 - Poster Area

<b>The female heart from cradle to grave</b>				
Sun 01 Sep	15:45 - 16:35	Cardiovascular Disease in Special Populations	Moderated Posters	Moderated ePoster 2 - Poster Area
<b>News on the ICD front, the transvenous, the subcutaneous and the wearable</b>				
Sun 01 Sep	15:45 - 16:35	Implantable Cardioverter / Defibrillator	Moderated Posters	Moderated ePoster 7 - Poster Area
<b>Aortic valve replacement: diagnostic and treatment considerations</b>				
Sun 01 Sep	15:45 - 16:35	Valvular Heart Disease	Moderated Posters	Moderated ePoster 6 - Poster Area
<b>Assessment and management of patients with myocardial infraction and shock</b>				
Sun 01 Sep	15:45 - 16:35	Acute Coronary Syndromes - Clinical	Moderated Posters	Moderated ePoster 5 - Poster Area
<b>Heart failure: aspects of aging and cognition</b>				
Sun 01 Sep	15:45 - 16:35	Chronic Heart Failure: Comorbidities - Frailty	Moderated Posters	Moderated ePoster 4 - Poster Area
<b>Cardiovascular ageing</b>				
Sun 01 Sep	15:45 - 16:35	Basic Science	Moderated Posters	Moderated ePoster 3 - Poster Area
<b>Optimising anticoagulation management in atrial fibrillation patients with prior stroke</b>				
Sun 01 Sep	15:45 - 16:45	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
<b>Blockbusters from the Young in Basic Science</b>				
Sun 01 Sep	15:50 - 16:30	Basic Science	Abstract Session	Agora 2 - Poster Area
<b>Blockbusters from the Young : Mental Health and Environmental Challenges in Cardiovascular Disease</b>				
Sun 01 Sep	15:50 - 16:30	Cardiovascular Disease in Special Populations	Abstract Session	Agora 1 - Poster Area
<b>Meet the Task Force of the 2019 ESC Guidelines on Chronic Coronary Syndromes</b>				
Sun 01 Sep	15:50 - 16:30	Coronary Artery Disease (Chronic)	Special Session	Centre Stage - The Hub
<b>Meet the trialist - THEMIS/THEMIS PCI</b>				
Sun 01 Sep	15:55 - 16:25	Diabetes and the Heart: Pharmacotherapy	Late-Breaking Science	ESC TV Stage - ESC Plaza
<b>PCSK9 inhibitors: let's get real</b>				
Sun 01 Sep	16:00 - 16:30	Myocardial Disease	Satellite Symposium - Experts on the Spot	Hugo - The Hub
<b>Vascular protection: practical insights</b>				
Sun 01 Sep	16:00 - 16:30	Coronary Artery Disease (Chronic)	Satellite Symposium - Experts on the Spot	Balzac - The Hub

Evidence, guidelines, clinical practice - The evolving role of cardiologists in the SGLT2 inhibitor era				
Sun 01 Sep	16:00 - 16:30	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Duras - The Hub
10 years since RE-LY: applying innovations in anticoagulation				
Sun 01 Sep	16:00 - 16:30	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Colette - The Hub
Meet the trialist - PARAGON-HF				
Sun 01 Sep	16:25 - 16:55	Chronic Heart Failure: Pharmacotherapy	Late-Breaking Science	ESC TV Stage - ESC Plaza
Anticoagulation in the aging atrial fibrillation population - Practical considerations				
Sun 01 Sep	16:30 - 17:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Cardiovascular magnetic resonance imaging for cardiomyopathy - Beyond pretty pictures				
Sun 01 Sep	16:30 - 18:00	Cardiac Magnetic Resonance	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
The future of randomized clinical trials				
Sun 01 Sep	16:40 - 17:50	Trial Design	Symposium	Colette - The Hub
Optimizing device therapy for arrhythmia				
Sun 01 Sep	16:40 - 17:50	Device Therapy	Rapid Fire Abstracts	Agora 2 - Poster Area
Cardiovascular disease and women: global threat or macro-opportunity				
Sun 01 Sep	16:40 - 17:40	Cardiovascular Disease in Women	Professional Development	Global Exchange 1 - ESC Plaza
New hope for neglected cardiovascular diseases				
Sun 01 Sep	16:40 - 17:50	Myocardial Disease	Symposium	Tbilisi - Village 6
New developments in anti thrombotic drug therapy				
Sun 01 Sep	16:40 - 17:50	Antiplatelet Drugs	Advances in Science	Reykjavik - Village 2
Diagnosis, management and prognosis in myocarditis				
Sun 01 Sep	16:40 - 17:50	Myocarditis	Abstract Session	Science Box 2 - Poster Area
Risk prediction in heart failure outcome				
Sun 01 Sep	16:40 - 17:50	Chronic Heart Failure	Advances in Science	Sarajevo - Village 5
MINOCA - Unravelling the enigma				
Sun 01 Sep	16:40 - 17:50	Acute Coronary Syndromes: Myocardial Infarction with Non-obstructive Coronary Arteries	Advances in Science	Helsinki - Village 8

Immuno-inflammation as therapeutic target in heart failure				
Sun 01 Sep	16:40 - 17:50	Basic Science	Abstract Session	Science Box 1 - Poster Area
Young Investigator Award Session Coronary Pathophysiology and Microcirculation				
Sun 01 Sep	16:40 - 17:40	Coronary Artery Disease - Pathophysiology and Mechanisms	Young Investigator Award Abstracts	Zagreb - Village 6
Pulmonary Circulation and Right Heart Failure				
Sun 01 Sep	16:40 - 17:50	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Clinical	Clinical Cases	Case Corner 2 - Poster Area
Chronic Ischemic Cardiovascular Disease - The "Big Picture				
Sun 01 Sep	16:40 - 17:50	Chronic Ischemia	Special Session	Sofia - Village 8
Acute Heart failure: Essential Update				
Sun 01 Sep	16:40 - 17:50	Acute Heart Failure	Symposium	Budapest - Village 5
Non-Coronary Cardiac Interventions				
Sun 01 Sep	16:40 - 17:50	Non-coronary Cardiac Intervention	Clinical Cases	Case Corner 1 - Poster Area
Telemedicine in heart failure management - The minimum, the optimum, and the unnecessary				
Sun 01 Sep	16:40 - 17:50	Digital Health	Symposium	Digital Health Stage 1 - Digital Health Area
Controversies in hypertension management				
Sun 01 Sep	16:40 - 17:50	Hypertension - Epidemiology, Prognosis, Outcome	Debate Session	Duras - The Hub
Tips and tricks for chronic total occlusion PCI				
Sun 01 Sep	16:40 - 17:50	Coronary Intervention: CTO	Case-based Session	Hugo - The Hub
Sleep-disordered breathing and cardiovascular disease: two sides of the same coin?				
Sun 01 Sep	16:40 - 17:50	Sleep Disorders	Symposium	Prague - Village 2
Moving from risk to benefit in prevention Guidelines				
Sun 01 Sep	16:40 - 17:50	Risk Factors and Prevention	Symposium	Astana - Village 2
The Great Cardiovascular Quiz				
Sun 01 Sep	16:40 - 17:50	European Society of Cardiology	Special Session	Centre Stage - The Hub
The Lancet-ESC symposium on ischemic heart disease				
Sun 01 Sep	16:40 - 17:50	Coronary Artery Disease - Treatment	Symposium	Balzac - The Hub

Cardiac anatomy for interventional cardiologists - An update				
Sun 01 Sep	16:40 - 17:50	Myocardial Disease	Special Session	Camus - The Hub
Tips and tricks to prevent, diagnose and treat Cardiac Implantable Electronic Device (CIED) infections				
Sun 01 Sep	16:40 - 17:50	Arrhythmias, General	Symposium	Berlin - Village 4
Hot Line Session 2				
Sun 01 Sep	16:40 - 17:52	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
Cardiac magnetic resonance				
Sun 01 Sep	16:40 - 17:50	Imaging	Focus with the Experts	Amsterdam - Village 1
How can echo help in the comprehensive assessment of the left-sided heart failure				
Sun 01 Sep	16:40 - 17:40	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
New insights in arrhythmia management in congenital heart disease				
Sun 01 Sep	16:40 - 17:50	Congenital Heart Disease - Treatment	Rapid Fire Abstracts	Agora 1 - Poster Area
Success stories in translation from bench to bedside				
Sun 01 Sep	16:40 - 17:50	Basic Science - Cardiac Diseases: Drugs, Drug Targets	Symposium	Athens - Village 3
Integrating new perspectives in cardiac surgery				
Sun 01 Sep	16:40 - 17:50	Cardiovascular Nursing	Symposium	Tashkent - Village 7
CATCH ME - Insights into atrial fibrillation				
Sun 01 Sep	16:40 - 17:50	Digital Health	Symposium	Rome - Village 4
Active Learning: Clinical Genomics Bootcamp				
Sun 01 Sep	16:40 - 17:50	Basic Science	Symposium	Pristina - Village 3
How is real-world evidence helping to inform care for patients with atrial fibrillation?				
Sun 01 Sep	17:00 - 18:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
Non-vitamin K antagonist oral anticoagulants (NOACs): from new evidence to improved patient outcomes in atrial fibrillation				
Sun 01 Sep	18:15 - 19:45	Atrial Fibrillation	Satellite Symposium	Berlin - Village 4
Recent advances in risk stratification of cardiovascular disease				
Sun 01 Sep	18:15 - 19:30	Acute Coronary Syndromes	Satellite Symposium	Amsterdam - Village 1
Rewriting the textbooks: SGLT2 inhibitors and cardiovascular disease in type 2 diabetes				
Sun 01 Sep	18:15 - 19:45	Cardiovascular Disease in Special Populations	Satellite Symposium	Centre Stage - The Hub

**Treating patients with HFpEF: what progress are we making?**

Sun 01 Sep	18:15 - 19:15	Chronic Heart Failure	Satellite Symposium	Helsinki - Village 8
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**Could neuromodulation via the baroreflex work in heart failure after all?**

Sun 01 Sep	18:15 - 19:30	Chronic Heart Failure - Treatment	Satellite Symposium	Sarajevo - Village 5
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**Basic Science Poster Reception**

Sun 01 Sep	18:30 - 20:00	Basic Science	Special Event	Posters - Poster Area
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# ESC CONGRESS 2019

31 August - 04 September 2019, Paris - France

## Scientific Programme

Date and time		Topic	Type	Room
<b>Therapeutic potential of extracellular vesicles in heart diseases</b>				
Mon 02 Sep	07:30 - 08:15	Basic Science	Cardiology@Breakfast	Agora 2 - Poster Area
<b>Cardiogenic shock at 3 a.m. How to manage it?</b>				
Mon 02 Sep	07:30 - 08:15	Coronary Intervention: Primary and Acute PCI	Cardiology@Breakfast	Camus - The Hub
<b>Cardiac imaging in the athlete: the fine line between physiology and pathology</b>				
Mon 02 Sep	07:30 - 08:15	Athlete's Heart	Cardiology@Breakfast	Colette - The Hub
<b>Exercise at the extremes - U-shaped curve for cardiovascular risk?</b>				
Mon 02 Sep	07:30 - 08:15	Risk Factors and Prevention - Other	Cardiology@Breakfast	Duras - The Hub
<b>Solving dilemmas in pericardial diseases</b>				
Mon 02 Sep	07:30 - 08:15	Pericardial Disease - Treatment	Cardiology@Breakfast	Balzac - The Hub
<b>General cardiology crash course - Part 3</b>				
Mon 02 Sep	07:30 - 08:15	Training and Education	Cardiology@Breakfast	Hugo - The Hub
<b>How should I treat ventricular arrhythmia in my device patient?</b>				
Mon 02 Sep	08:30 - 10:00	Ablation of Ventricular Arrhythmias	Case-based Session	Berlin - Village 4
<b>Poster Session 4: Special populations including pediatric cardiology</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Meet the Experts - Brugada Syndrome: all you need to know</b>				
Mon 02 Sep	08:30 - 10:00	Arrhythmias, General - Pathophysiology and Mechanisms: Ion Channel Disorders	Focus with the Experts	Rome - Village 4
<b>Controversies in management of atrial fibrillation and non-ischemic dilated cardiomyopathy</b>				
Mon 02 Sep	08:30 - 09:40	Arrhythmias, General	Debate Session	Duras - The Hub
<b>Tackling the inflammatory side of atherosclerosis.</b>				
Mon 02 Sep	08:30 - 10:00	Basic Science - Vascular Diseases: Leukocytes, Inflammation, Immunity	Symposium	Athens - Village 3

<b>Poster Session 4: Women</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Mitochondria and lipids in the heart</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Pharmacology, angiogenesis and cardiovascular disease</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>"Tomorrow never dies"- Your role in basic science communities!</b>				
Mon 02 Sep	08:30 - 10:00	Basic Science	Symposium	Pristina - Village 3
<b>Poster Session 4: Other cardiovascular disease</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Sex differences in heart failure</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Advanced heart failure</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Cardiovascular drugs in acute coronary syndromes: when to start and when to stop</b>				
Mon 02 Sep	08:30 - 10:00	Pharmacology and Pharmacotherapy	Symposium	Reykjavik - Village 2
<b>Poster Session 4: Acute heart failure</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Cardio-oncology: what every cardiologist should know about cardiovascular effects of cancer treatment</b>				
Mon 02 Sep	08:30 - 10:00	Cardio-Oncology	Symposium	Colette - The Hub
<b>Poster Session 4: Anticoagulant therapy</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Prevention - Risk assessment</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Clinical epidemiology and prevention</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Clinical risk factors, prevalence and prognosis</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Late Breaking Science in Heart Failure 1				
Mon 02 Sep	08:30 - 10:00	Chronic Heart Failure	Late-Breaking Science	Budapest - Village 5
Late Breaking Science in Prevention 1				
Mon 02 Sep	08:30 - 09:40	Risk Factors and Prevention	Late-Breaking Science	London - Village 2
Risk assessment in acute coronary syndromes				
Mon 02 Sep	08:30 - 10:00	Acute Coronary Syndromes - Diagnostic Methods	Advances in Science	Sofia - Village 8
PCSK9 inhibitors: from cells to patients				
Mon 02 Sep	08:30 - 10:00	PCSK9-Antagonists	Advances in Science	Prague - Village 2
Heart failure: from bench to bed				
Mon 02 Sep	08:30 - 10:00	Basic Science - Cardiac Diseases:Heart Failure	Abstract Session	Science Box 1 - Poster Area
Late Breaking Science in Intervention				
Mon 02 Sep	08:30 - 10:00	European Society of Cardiology - Other	Late-Breaking Science	Helsinki - Village 8
Late Breaking Science in Imaging and Digital				
Mon 02 Sep	08:30 - 10:00	European Society of Cardiology - Other	Late-Breaking Science	Amsterdam - Village 1
Clinical applications of strain echocardiography				
Mon 02 Sep	08:30 - 10:00	Tissue Doppler, Speckle Tracking and Strain Imaging	Abstract Session	Science Box 2 - Poster Area
Prevention of thromboembolism and atrial remodelling in atrial fibrillation				
Mon 02 Sep	08:30 - 10:00	Atrial Fibrillation	Rapid Fire Abstracts	Agora 2 - Poster Area
New data in carotid disease: From understanding the pathology to management				
Mon 02 Sep	08:30 - 10:00	Carotid Disease	Rapid Fire Abstracts	Agora 1 - Poster Area
Lipids				
Mon 02 Sep	08:30 - 10:00	Lipids	Clinical Cases	Case Corner 1 - Poster Area
New approaches to tackle the global burden of cardiovascular disease				
Mon 02 Sep	08:30 - 10:00	Public Health and Health Economics	Symposium	Camus - The Hub
Grown-up Congenital Heart Diseases				
Mon 02 Sep	08:30 - 10:00	Adult Congenital Heart Disease, Clinical	Clinical Cases	Case Corner 2 - Poster Area

Assist device-based PCI in cardiogenic shock				
Mon 02 Sep	08:30 - 10:00	Interventional Cardiology	Live in the Box	Centre Stage - The Hub
Poster Session 4: State of the art imaging in nuclear cardiology				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Valve heart disease - Role of echo				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Valve and structural heart disease: role of Computed Tomography				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Invasive Imaging				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Recent clinically relevant advances for the busy cardiologist				
Mon 02 Sep	08:30 - 10:00	Arrhythmias, General	Symposium	Hugo - The Hub
Poster Session 4: Heart failure treatment, HFpEF, HFmrEF				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Imaging in heart failure				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Late Breaking Science in Arrhythmias				
Mon 02 Sep	08:30 - 10:00	Arrhythmias, General	Late-Breaking Science	Balzac - The Hub
Percutaneous interventions: Essential Update				
Mon 02 Sep	08:30 - 10:00	Interventional Cardiology	Symposium	Tallinn - Village 7
Poster Session 4: Arrhythmias, miscellaneous				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Arrhythmia burden in adult congenital heart disease				
Mon 02 Sep	08:30 - 10:00	Congenital Heart Disease - Clinical	Symposium	Tbilisi - Village 6
Poster Session 4: Structural percutaneous intervention				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Cardiac Resynchronisation Therapy				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Hot topics in deep vein thrombosis				
Mon 02 Sep	08:30 - 10:00	Venous Disease	Symposium	Tashkent - Village 7
Poster Session 4: Secondary hypertension and genes				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Non-coronary cardiac intervention				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Coronary Artery Disease - Epidemiology, Prognosis, Outcome				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Heart and brain interaction - Stroke				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
How should I treat resistant hypertension				
Mon 02 Sep	08:30 - 10:00	Endocrine Hypertension	Case-based Session	Astana - Village 2
Poster Session 4: Issues surrounding aortic valves interventions				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Cardiomyopathy				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Pulmonary arterial hypertension - Treatments				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Epidemiology of atrial fibrillation				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 4: Endocarditis: pathophysiology, clinical features and management				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Cardiac rehabilitation: is mobile health the way to go?				
Mon 02 Sep	08:30 - 10:00	Risk Factors and Prevention	Symposium	Digital Health Stage 1 - Digital Health Area
Expert Advice - Heart failure management in women, the elderly and cancer patients				
Mon 02 Sep	08:30 - 10:00	Chronic Heart Failure - Treatment	Focus with the Experts	Sarajevo - Village 5
What is the best way to image myocardial ischemia?				
Mon 02 Sep	08:30 - 10:00	Imaging	Symposium	Nicosia - Village 1

<b>Poster Session 4: Coronary Artery Disease (Chronic)</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Acute Coronary Syndromes</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Acute Coronary Syndromes: biomarkers</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Epidemiology</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: ACS: revascularisation, cancer, valve, atrial fibrillation et al.</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Acute Coronary Syndromes - Spasm, spontaneous coronary artery dissection</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Surgical aspects in congenital heart disease</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Interactive case challenge: The patient with CAD with comorbidities and complications</b>				
Mon 02 Sep	08:30 - 09:30	Pharmacology and Pharmacotherapy	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
<b>Challenges and opportunities in managing rheumatic heart disease</b>				
Mon 02 Sep	08:30 - 10:00	Valvular Heart Disease	Case-based Session	Zagreb - Village 6
<b>2019 ESC/EAS Guidelines on Dyslipidaemias</b>				
Mon 02 Sep	08:30 - 10:00	Lipids	Main Session	Paris - Main Auditorium
<b>Poster Session 4: Cardiovascular epidemiology and trials</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 4: Epidemiology of atrial fibrillation, miscellaneous</b>				
Mon 02 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Medical devices in the global era: balancing access, safety and innovation</b>				
Mon 02 Sep	09:00 - 09:45	Public Health	Professional Development	Global Exchange 1 - ESC Plaza
<b>Cardiovascular magnetic resonance imaging for valvular disease - What does it add?</b>				
Mon 02 Sep	09:00 - 10:00	Cardiac Magnetic Resonance	Practical Tutorials	Practical Tutorial 5 - Exhibition 1

Reducing the burden of cardiovascular disease in the Americas				
Mon 02 Sep	09:00 - 10:30	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
Technology and Innovation showcase 4				
Mon 02 Sep	09:00 - 12:30	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
Right ventricle - The forgotten heart chamber? When and how should we analyze it				
Mon 02 Sep	09:00 - 10:00	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Heart failure management using telemedicine: a new link between patients and clinicians				
Mon 02 Sep	09:00 - 10:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Meet the trialist - COMPLETE				
Mon 02 Sep	09:30 - 10:00	Acute Coronary Syndromes: Treatment, Revascularization	Late-Breaking Science	ESC TV Stage - ESC Plaza
Optimising anticoagulation management in patients with newly detected atrial fibrillation and at low risk				
Mon 02 Sep	10:00 - 11:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
How to easily inject a new implantable cardiac monitor				
Mon 02 Sep	10:00 - 11:00	Imaging	Practical Tutorials	Practical Tutorial 4 - Exhibition 1
Sleep apnoea, what happens after the diagnosis? What are the therapy options?				
Mon 02 Sep	10:00 - 11:00	Sleep Disorders	Practical Tutorials	Practical Tutorial 7 - Exhibition 1
Innovations along the clinical pathway				
Mon 02 Sep	10:00 - 17:00	Cross-Modality and Multi-Modality Imaging Topics	Practical Tutorials	Practical Tutorial 6 - Exhibition 1
Meet the trialist - NZOTACS				
Mon 02 Sep	10:00 - 10:30	Acute Coronary Syndromes: Treatment, Revascularization	Late-Breaking Science	ESC TV Stage - ESC Plaza
Innovations in CMR for coronary artery disease				
Mon 02 Sep	10:05 - 10:55	Cardiac Magnetic Resonance	Moderated Posters	Moderated ePoster 1 - Poster Area
Cardio-Oncology: insights from basic , clinical, data science				
Mon 02 Sep	10:05 - 10:55	Chronic Heart Failure: Comorbidities - Cancer	Moderated Posters	Moderated ePoster 4 - Poster Area

Cardiopulmonary exercise and rehabilitation				
Mon 02 Sep	10:05 - 10:55	Exercise Testing	Moderated Posters	Moderated ePoster 2 - Poster Area
Vascular remodelling from capillaries to aorta				
Mon 02 Sep	10:05 - 10:55	Basic Science	Moderated Posters	Moderated ePoster 3 - Poster Area
Revascularisation strategies in ACS				
Mon 02 Sep	10:05 - 10:55	Acute Coronary Syndromes - Treatment	Moderated Posters	Moderated ePoster 5 - Poster Area
Global perspective on rheumatic heart disease				
Mon 02 Sep	10:05 - 10:55	Valvular Heart Disease	Moderated Posters	Moderated ePoster 6 - Poster Area
Challenges in lead extraction				
Mon 02 Sep	10:05 - 10:55	Device Complications and Lead Extraction	Moderated Posters	Moderated ePoster 7 - Poster Area
Research funding 360: supporting research and researchers in Europe and worldwide				
Mon 02 Sep	10:05 - 11:00	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza
Blockbusters from the Young in atrial fibrillation and cardiac resynchronisation therapy				
Mon 02 Sep	10:10 - 10:50	Arrhythmias, General - Treatment	Abstract Session	Agora 2 - Poster Area
Blockbusters from the Young - Role of imaging in patients with left ventricular hypertrophy				
Mon 02 Sep	10:10 - 10:50	Imaging: Cardiac Dimensions, Volume, and Mass	Abstract Session	Agora 1 - Poster Area
Meet the Task Force of the 2019 ESC/EAS Guidelines on Dyslipidaemias				
Mon 02 Sep	10:10 - 10:50	Lipids	Special Session	Centre Stage - The Hub
The European Heart Journal's advances in heart failure and valvular heart disease				
Mon 02 Sep	10:10 - 10:50	European Society of Cardiology	Special Session	Sarajevo - Village 5
Challenges in the management of atrial fibrillation patients undergoing cardiac interventions				
Mon 02 Sep	10:15 - 10:45	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Colette - The Hub
Applying ODYSSEY Outcomes in your clinical practice - Who are the most appropriate patients for PCSK9 inhibitor treatment?				
Mon 02 Sep	10:15 - 10:45	Acute Coronary Syndromes	Satellite Symposium - Experts on the Spot	Hugo - The Hub
Combinations of beta-blockers and angiotensin-converting enzyme inhibitors: what is the rationale?				
Mon 02 Sep	10:15 - 10:45	Hypertension	Satellite Symposium - Experts on the Spot	Camus - The Hub

**Optimising non-vitamin K antagonist oral anticoagulant (NOAC) management in atrial fibrillation and acute coronary syndrome (ACS)/percutaneous coronary intervention (PCI) - Clinical practice perspective**

Mon 02 Sep	10:15 - 10:45	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Duras - The Hub
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**The chronic risk of venous thrombosis: tailoring extended prevention with NOACs**

Mon 02 Sep	10:15 - 10:45	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Satellite Symposium - Experts on the Spot	Balzac - The Hub
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**ESC Rene Laennec Lecture on Clinical Cardiology**

Mon 02 Sep	10:20 - 11:00	Atrial Fibrillation	Special Session	Rome - Village 4
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**Cardiotoxic effects of cancer therapy - The role of echo**

Mon 02 Sep	10:25 - 11:25	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
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**Non-coronary cardiac computed tomography**

Mon 02 Sep	10:30 - 12:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
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**Meet the trialist - CONDI-2/ERIC-PPCI**

Mon 02 Sep	10:30 - 11:00	Acute Coronary Syndromes - Treatment	Late-Breaking Science	ESC TV Stage - ESC Plaza
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**Myocardial diseases**

Mon 02 Sep	11:00 - 12:30	Myocardial Disease - Clinical	Clinical Cases	Case Corner 2 - Poster Area
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**Antithrombotic therapy for coronary artery disease: opportunities and challenges**

Mon 02 Sep	11:00 - 12:30	Coronary Artery Disease (Chronic)	Advances in Science	Sofia - Village 8
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**Heart failure and diabetes: what is on the horizon**

Mon 02 Sep	11:00 - 12:30	Chronic Heart Failure: Comorbidities	Advances in Science	Sarajevo - Village 5
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**Hot Line Session 3**

Mon 02 Sep	11:00 - 12:30	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
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**Advances in coronary imaging and physiology**

Mon 02 Sep	11:00 - 12:30	Invasive Imaging and Functional Assessment	Advances in Science	Tashkent - Village 7
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**Improving patient care by using new connected tools in my practice**

Mon 02 Sep	11:00 - 12:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
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**Infective endocarditis**

Mon 02 Sep	11:00 - 12:30	Infective Endocarditis - Clinical	Clinical Cases	Case Corner 1 - Poster Area
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Controversies in heart failure				
Mon 02 Sep	11:00 - 12:30	Chronic Heart Failure	Debate Session	Duras - The Hub
Update on infective endocarditis				
Mon 02 Sep	11:00 - 12:30	Infective Endocarditis	Abstract Session	Science Box 1 - Poster Area
The digital revolution in cardiology				
Mon 02 Sep	11:00 - 12:30	e-Cardiology / Digital Health	Symposium	Balzac - The Hub
Young Investigator Award Session Clinical Cardiology				
Mon 02 Sep	11:00 - 12:00	European Society of Cardiology	Young Investigator Award Abstracts	Rome - Village 4
The European Exam on General Cardiology: what it is and how to prepare for it				
Mon 02 Sep	11:00 - 12:30	ESC Committees	Special Session	Colette - The Hub
Mechanisms behind intrinsic myocardial repair and regeneration				
Mon 02 Sep	11:00 - 12:30	Basic Science - Cardiovascular Development and Anatomy: Stem Cells, Cell Cycle, Cell Senescence, Cell Death	Symposium	Athens - Village 3
Genomic Medicine: ready for prime time?				
Mon 02 Sep	11:00 - 12:30	Basic Science	Symposium	Pristina - Village 3
Principles for a smooth cardiovascular drug therapy in the elderly.				
Mon 02 Sep	11:00 - 12:30	Pharmacology and Pharmacotherapy	Symposium	Reykjavik - Village 2
Percutaneous mitral valve edge-to-edge repair				
Mon 02 Sep	11:00 - 12:30	Mitral Valve Intervention	Live in the Box	Centre Stage - The Hub
Latest recommendations on the echocardiographic evaluation of diastolic function				
Mon 02 Sep	11:00 - 12:30	Echocardiography: Systolic and Diastolic Function	Symposium	Amsterdam - Village 1
Reducing the burden of cardiovascular disease in Asia Pacific				
Mon 02 Sep	11:00 - 12:30	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
Expert Advice - Investigation and management of arrhythmias in athletes				
Mon 02 Sep	11:00 - 12:30	Sports Cardiology	Focus with the Experts	Prague - Village 2
Cardiac troponins and other biomarkers in acute coronary syndromes				
Mon 02 Sep	11:00 - 12:30	Acute Coronary Syndromes - Epidemiology, Prognosis, Outcome	Rapid Fire Abstracts	Agora 1 - Poster Area

The vascular inflammation coagulation interface				
Mon 02 Sep	11:00 - 12:30	Basic Science - Vascular Biology and Physiology	Rapid Fire Abstracts	Agora 2 - Poster Area
Environment and cardiovascular health				
Mon 02 Sep	11:00 - 12:30	Environmental Aspects of Heart Disease	Symposium	Camus - The Hub
Preventive cardiology: Essential Update Part 1				
Mon 02 Sep	11:00 - 12:30	Risk Factors and Prevention	Symposium	London - Village 2
Controversies in the management of hypertension				
Mon 02 Sep	11:00 - 12:30	Hypertension - Epidemiology, Prognosis, Outcome	Symposium	Astana - Village 2
The substrate for ventricular arrhythmia - From ECG to non-invasive therapy				
Mon 02 Sep	11:00 - 12:30	Ventricular Arrhythmias and SCD - Treatment	Advances in Science	Berlin - Village 4
Give me the evidence in adult congenital heart disease!				
Mon 02 Sep	11:00 - 12:30	Adult Congenital Heart Disease, Clinical	Symposium	Tbilisi - Village 6
Cardiomyopathies: genetic causes and precision medicine				
Mon 02 Sep	11:00 - 12:30	Myocardial Disease - Clinical	Symposium	Zagreb - Village 6
Management of secondary mitral regurgitation in 2019				
Mon 02 Sep	11:00 - 12:30	Mitral Valve Regurgitation	Symposium	Tallinn - Village 7
The predictive power of global longitudinal strain				
Mon 02 Sep	11:00 - 12:30	Imaging: Systolic and Diastolic Function	Advances in Science	Nicosia - Village 1
Optimal treatment of coronary artery disease				
Mon 02 Sep	11:00 - 12:30	Coronary Artery Disease (Chronic)	Abstract Session	Science Box 2 - Poster Area
Cardiogenic shock during an intensive care unit night shift: how can machines help?				
Mon 02 Sep	11:00 - 12:30	Acute Cardiac Care - Cardiogenic Shock	Symposium	Hugo - The Hub
Expert Advice - Best practice in acute coronary syndromes				
Mon 02 Sep	11:00 - 12:30	Acute Coronary Syndromes - Treatment	Focus with the Experts	Helsinki - Village 8
New hope for HFpEF patients				
Mon 02 Sep	11:00 - 12:30	Chronic Heart Failure - Treatment	Symposium	Budapest - Village 5
Advances in digital health				
Mon 02 Sep	11:00 - 12:30	e-Cardiology / Digital Health	Advances in Science	Digital Health Stage 1 - Digital Health Area

Part II: Towards Integrity in Research. Interactive case presentations and discussions				
Mon 02 Sep	11:15 - 12:15	ESC Committees	Professional Development	Global Exchange 1 - ESC Plaza
Optimizing antithrombotic therapy in elderly atrial fibrillation patients undergoing percutaneous coronary intervention: choosing the right regimen and oral anticoagulant				
Mon 02 Sep	11:30 - 12:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
From acute to extended treatment: how NOACs changed the practice in pulmonary embolism				
Mon 02 Sep	11:30 - 12:30	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Revealing new insights of structural valve disease				
Mon 02 Sep	11:50 - 12:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Challenges and opportunities for Cardiovascular Disease Research: The Strategic Research Agenda of ERA-CVD				
Mon 02 Sep	12:30 - 13:30	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza
Measure volume anatomy and flow non-invasively, accurately, quickly and reproducibly in 3D				
Mon 02 Sep	12:30 - 14:00	Echocardiography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
TAVR outcomes: the future is here				
Mon 02 Sep	12:40 - 13:30	Non-coronary Cardiac Intervention	Moderated Posters	Moderated ePoster 7 - Poster Area
Insights from acute coronary syndrome registries				
Mon 02 Sep	12:40 - 13:30	Acute Coronary Syndromes - Epidemiology, Prognosis, Outcome	Moderated Posters	Moderated ePoster 5 - Poster Area
The heart in hypertension				
Mon 02 Sep	12:40 - 13:30	Target Organ Damage/ Left Ventricular Hypertrophy	Moderated Posters	Moderated ePoster 4 - Poster Area
Novel anti-arrhythmic therapies				
Mon 02 Sep	12:40 - 13:30	Basic Science - Cardiac Diseases: Arrhythmias	Moderated Posters	Moderated ePoster 3 - Poster Area
New approaches in risk stratification				
Mon 02 Sep	12:40 - 13:30	Risk Factors and Prevention	Moderated Posters	Moderated ePoster 2 - Poster Area
Costs in different public health settings				
Mon 02 Sep	12:40 - 13:30	Public Health and Health Economics	Moderated Posters	Moderated ePoster 1 - Poster Area

Updates in venous thromboembolism				
Mon 02 Sep	12:40 - 13:30	Aortic Aneurysm, Abdominal	Moderated Posters	Moderated ePoster 6 - Poster Area
Achieving reperfusion for intermediate high-risk pulmonary embolism with ultrasound assisted catheter directed thrombolysis				
Mon 02 Sep	13:00 - 13:45	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Satellite Symposium	Hugo - The Hub
A deep dive in to guidelines - Combination therapy, a cornerstone in CV risk reduction				
Mon 02 Sep	13:00 - 14:00	Acute Coronary Syndromes	Satellite Symposium	Reykjavik - Village 2
Hyperkalaemia and iron deficiency management in 2019 - Making the case for better outcomes and quality of life				
Mon 02 Sep	13:00 - 14:00	Chronic Heart Failure	Satellite Symposium	Budapest - Village 5
Expanding opportunities for SGLT2i in clinical cardiology				
Mon 02 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Prague - Village 2
I.V. Inodilators: why, when and how?				
Mon 02 Sep	13:00 - 13:45	Acute Heart Failure	Satellite Symposium	Duras - The Hub
Evolving combination strategies in pulmonary arterial hypertension: one year after the 6th World Symposium of Pulmonary Hypertension				
Mon 02 Sep	13:00 - 14:00	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Satellite Symposium	Amsterdam - Village 1
Vascular protection - Which of your patients with chronic coronary artery disease will benefit?				
Mon 02 Sep	13:00 - 14:00	Coronary Artery Disease (Chronic)	Satellite Symposium	Tallinn - Village 7
The role of cardiac biomarkers to aid in diagnosis and risk stratification of cardiac diseases				
Mon 02 Sep	13:00 - 14:00	Acute Heart Failure	Satellite Symposium	Sofia - Village 8
Transforming diabetes management in cardiology: impact of novel therapies				
Mon 02 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Tashkent - Village 7
Angina as a multifactorial clinical entity: broadening our therapeutic horizons				
Mon 02 Sep	13:00 - 14:00	Coronary Artery Disease (Chronic)	Satellite Symposium	Sarajevo - Village 5
Heart failure in 2019: latest update on implantable device therapy				
Mon 02 Sep	13:00 - 14:00	Device Therapy	Satellite Symposium	Pristina - Village 3
ON MED, OFF MED, Now what? Future of renal denervation				
Mon 02 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Tbilisi - Village 6
Evidence-based treatment of patients with SGLT-2is - What do we know and what is missing?				
Mon 02 Sep	13:00 - 14:00	Cardiovascular Disease in Special Populations	Satellite Symposium	Athens - Village 3

<b>Spotlight on the effects of SGLT2 inhibition in heart failure</b>				
Mon 02 Sep	13:00 - 14:00	Chronic Heart Failure	Satellite Symposium	Centre Stage - The Hub
<b>Anticoagulation for the management of venous thromboembolism in the non-vitamin K antagonist oral anticoagulant (NOAC) era</b>				
Mon 02 Sep	13:00 - 14:00	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Satellite Symposium	Rome - Village 4
<b>NOACs in patients undergoing cardiac procedures</b>				
Mon 02 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	London - Village 2
<b>Translating data to practice: aspirin in high-risk patient subgroups</b>				
Mon 02 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Balzac - The Hub
<b>Beta blockers are not a homogeneous class</b>				
Mon 02 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Camus - The Hub
<b>Coronary microvascular angina - Is it worthy to be diagnosed?</b>				
Mon 02 Sep	13:00 - 13:45	Interventional Cardiology	Satellite Symposium	Colette - The Hub
<b>Reducing residual risk for cardiovascular disease - Omega-3 fatty acids in cardiology practice</b>				
Mon 02 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Zagreb - Village 6
<b>The heart failure challenge: how well do you know HFpEF?</b>				
Mon 02 Sep	13:00 - 14:00	Chronic Heart Failure	Satellite Symposium	Helsinki - Village 8
<b>The north face in acute coronary syndromes: let's climb it!</b>				
Mon 02 Sep	13:00 - 14:00	Acute Coronary Syndromes	Satellite Symposium	Berlin - Village 4
<b>Not all coronary pathology is of atherosclerotic origin - Learning from challenging cases</b>				
Mon 02 Sep	13:00 - 14:00	Acute Cardiac Care	Satellite Symposium	Nicosia - Village 1
<b>Anticoagulation in the aging atrial fibrillation population - Perspectives from clinical trials and routine daily practice</b>				
Mon 02 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	Astana - Village 2
<b>Technology and Innovation showcase 5</b>				
Mon 02 Sep	13:30 - 17:00	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
<b>Meet the trialist - ISAR-REACT 5</b>				
Mon 02 Sep	13:45 - 14:15	Acute Coronary Syndromes: Pharmacotherapy	Late-Breaking Science	ESC TV Stage - ESC Plaza

How to optimize the performance of structural heart interventions				
Mon 02 Sep	13:50 - 14:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Poster Session 5: Mitral valve intervention 1				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Cardiometabolic				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Atrial fibrillation and oral anticoagulation 4				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Atrial fibrillation and oral anticoagulation 5				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Heart failure devices: new approaches				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Comorbidities in heart failure				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Hemodynamics in heart failure				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Vascular disease				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Atrial fibrillation and oral anticoagulation 3				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Heart valves				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Mechanisms underlying pharmacotherapy				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Primary care				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Auto-immune inflammatory diseases				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area

**Poster Session 5: Atrial fibrillation and oral anticoagulation 6**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Chronic inflammatory diseases**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Sport activity and exercise**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Metabolic syndrome/Sleep apnea**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Tobacco: psychosocial stress**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Risk factors for cardiovascular disease**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Mitral valve intervention 2**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Atrial fibrillation and oral anticoagulation 2**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Hypertension treatment: drugs and devices**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Non-invasive and invasive treatment of Peripheral Artery Disease**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Outcome and survival in congenital heart disease**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Myocardial diseases and other aspects in pulmonary hypertension**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Chronic venous thromboembolism**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Implementing biomarkers for valvular heart disease**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Inflammatory and infiltrative cardiography**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Congenital heart disease - Neonatal and pediatric issues**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Acute coronary syndrome: bleeding / thrombosis**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Acute heart failure**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Ischemia bleeding**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Acute coronary syndrome treatment**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Acute coronary syndrome procedural**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Imaging, miscellaneous**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Coronary artery disease: treatment, revascularisation**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Coronary artery disease - Epidemiology, prognosis, outcome**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Biomarkers lipid glucose**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Cardiovascular surgery**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Atrial fibrillation and oral anticoagulation 1**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 5: Acute coronary syndrome no-reflow**

Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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Poster Session 5: Coronary Artery Bypass Graft, Acute coronary syndrome				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Echo in assessing the right heart and congenital heart disease				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Emerging echo techniques				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 5: Public health and big data				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
How new tools for long-term electrocardiogram changed my practice				
Mon 02 Sep	14:00 - 15:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
How is real-world evidence helping to inform care for patients with atrial fibrillation?				
Mon 02 Sep	14:00 - 15:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
Reducing the burden of cardiovascular disease in Africa				
Mon 02 Sep	14:00 - 15:30	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
Poster Session 5: 3D Echocardiography				
Mon 02 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
It starts at the top - Leadership and clinician wellness				
Mon 02 Sep	14:30 - 15:40	Training and Education	Symposium	Centre Stage - The Hub
Myocardial infarction and non-obstructive coronary arteries (MINOCA): what a headache!				
Mon 02 Sep	14:30 - 15:40	Acute Coronary Syndromes - Pathophysiology and Mechanisms	Symposium	Sofia - Village 8
The new Circulation: expanding frontiers				
Mon 02 Sep	14:30 - 15:40	Training and Education	Symposium	Balzac - The Hub
Everything you should know about cardiac troponins				
Mon 02 Sep	14:30 - 15:40	Acute Coronary Syndromes - Epidemiology, Prognosis, Outcome	Symposium	Helsinki - Village 8
Advances in peripheral arterial disease				
Mon 02 Sep	14:30 - 15:40	Peripheral Vascular and Cerebrovascular Disease - Clinical	Advances in Science	Tashkent - Village 7

<b>Pulmonary circulation</b>				
Mon 02 Sep	14:30 - 15:40	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Clinical	Clinical Cases	Case Corner 2 - Poster Area
<b>ECG Masterclass</b>				
Mon 02 Sep	14:30 - 15:40	Electrocardiography	Clinical Cases	Case Corner 1 - Poster Area
<b>Variation in CVD across Europe: challenges in closing the gap</b>				
Mon 02 Sep	14:30 - 15:40	Risk Factors and Prevention	Symposium	Camus - The Hub
<b>Professor Braunwald's perspective on lipid lowering</b>				
Mon 02 Sep	14:30 - 15:15	Lipids	Special Session	Colette - The Hub
<b>Supporting patients with cardiovascular disease to improve outcomes</b>				
Mon 02 Sep	14:30 - 15:40	Chronic Nursing Care	Abstract Session	Prague - Village 2
<b>Guidelines in Daily Practice - Syncope</b>				
Mon 02 Sep	14:30 - 15:40	Syncope and Bradycardia - Clinical	Case-based Session	Berlin - Village 4
<b>Complications from congenital heart disease: unusual connections need unusual answers</b>				
Mon 02 Sep	14:30 - 15:40	Congenital Heart Disease - Clinical	Clinical Cases	Hugo - The Hub
<b>Progress in secondary prevention - New treatments</b>				
Mon 02 Sep	14:30 - 15:40	Risk Factors and Prevention	Abstract Session	Science Box 1 - Poster Area
<b>Expert Advice - Risk prediction for sudden cardiac death in inherited cardiac condition</b>				
Mon 02 Sep	14:30 - 15:40	Arrhythmias, General - Pathophysiology and Mechanisms: Ion Channel Disorders	Focus with the Experts	Rome - Village 4
<b>Controversies in the treatment of aortic valve disease</b>				
Mon 02 Sep	14:30 - 15:40	Valvular Heart Disease - Treatment	Debate Session	Duras - The Hub
<b>Genome editing for heart disease.</b>				
Mon 02 Sep	14:30 - 15:40	Basic Science - Cardiac Diseases: Gene Therapy, Cell Therapy	Symposium	Athens - Village 3
<b>Multimodality imaging in cardiomyopathy</b>				
Mon 02 Sep	14:30 - 15:40	Imaging: Myocardial Disease	Rapid Fire Abstracts	Agora 1 - Poster Area
<b>Physical activity, exercise, and sports</b>				
Mon 02 Sep	14:30 - 15:40	Physical Inactivity and Exercise	Rapid Fire Abstracts	Agora 2 - Poster Area

<b>Cancer and the heart: novel insights from bench to bedside</b>				
Mon 02 Sep	14:30 - 15:40	Cardio-Oncology	Abstract Session	Science Box 2 - Poster Area
<b>Undiagnosed cardiac defects in the adult</b>				
Mon 02 Sep	14:30 - 15:40	Congenital Heart Disease - Clinical	Case-based Session	Tbilisi - Village 6
<b>Stroke prevention - Cardiologists have a central role!</b>				
Mon 02 Sep	14:30 - 15:40	Stroke - Diagnostic Methods	Symposium	Tallinn - Village 7
<b>15 years of TAVI: increasing evidence for routine use</b>				
Mon 02 Sep	14:30 - 15:40	Valvular Heart Disease	Advances in Science	Zagreb - Village 6
<b>Cardiovascular innovation: the next frontier</b>				
Mon 02 Sep	14:30 - 15:40	ESC Committees	Symposium	Digital Health Stage 1 - Digital Health Area
<b>Meet the Experts - Management of hypertensive emergencies</b>				
Mon 02 Sep	14:30 - 15:40	Hypertension - Treatment	Focus with the Experts	Astana - Village 2
<b>Preventive cardiology: Essential Update Part 2</b>				
Mon 02 Sep	14:30 - 15:40	Risk Factors and Prevention	Symposium	London - Village 2
<b>Coronary computed tomography angiography - Indication, examination and interpretation</b>				
Mon 02 Sep	14:30 - 16:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
<b>Meet the Experts - Heart failure drug therapy in patients with co-morbidities</b>				
Mon 02 Sep	14:30 - 15:40	Chronic Heart Failure: Pharmacotherapy	Focus with the Experts	Budapest - Village 5
<b>Advanced cardiac computed tomography</b>				
Mon 02 Sep	14:30 - 15:40	Imaging	Focus with the Experts	Amsterdam - Village 1
<b>Role of multi-modality imaging in cardiac sarcoid and amyloid detection</b>				
Mon 02 Sep	14:30 - 15:40	Imaging: Myocardial Disease	Case-based Session	Nicosia - Village 1
<b>Kidneys matter in NVAf patients - Experts working together for better patient outcomes</b>				
Mon 02 Sep	14:30 - 15:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
<b>Targeting triglycerides to prevent coronary artery disease</b>				
Mon 02 Sep	14:30 - 15:40	Pharmacology and Pharmacotherapy	Symposium	Reykjavik - Village 2
<b>Management of advanced heart failure and end of life patients - A team approach</b>				
Mon 02 Sep	14:30 - 15:40	Cardiovascular Nursing	Symposium	Sarajevo - Village 5

Active Learning: CRISPR-Cas9 Genome Editing Bootcamp				
Mon 02 Sep	14:30 - 15:40	Basic Science	Symposium	Pristina - Village 3
2019 ESC/EASD Guidelines on Diabetes, Pre-diabetes and Cardiovascular Diseases				
Mon 02 Sep	14:30 - 15:40	Diabetes and the Heart	Main Session	Paris - Main Auditorium
Different faces of angina patients and their needs - Clinical case with discussion				
Mon 02 Sep	15:00 - 15:30	Coronary Artery Disease - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Balancing safety and efficacy of oral anticoagulation in patients with atrial fibrillation undergoing cardiac interventions				
Mon 02 Sep	15:00 - 16:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
The diagnosis of sleep apnoea, why cardiologists should do it?				
Mon 02 Sep	15:00 - 16:00	Sleep Disorders	Practical Tutorials	Practical Tutorial 7 - Exhibition 1
How can echo help in the comprehensive assessment of the left-sided heart failure				
Mon 02 Sep	15:15 - 16:15	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Different faces of angina patients and their needs - Clinical case discussion				
Mon 02 Sep	15:30 - 16:00	Coronary Artery Disease - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
2019 New WHO cardiovascular risk charts				
Mon 02 Sep	15:30 - 16:15	Public Health and Health Economics	Special Event	Global Exchange 2 - ESC Plaza
Meet the trialist - HISTORIC				
Mon 02 Sep	15:40 - 16:10	Acute Coronary Syndromes - Diagnostic Methods	Late-Breaking Science	ESC TV Stage - ESC Plaza
Update on sudden cardiac death				
Mon 02 Sep	15:45 - 16:35	Management of Out of Hospital Cardiac Arrest	Moderated Posters	Moderated ePoster 7 - Poster Area
Hot topics in treatment of congenital heart disease				
Mon 02 Sep	15:45 - 16:35	Congenital Heart Disease - Treatment	Moderated Posters	Moderated ePoster 6 - Poster Area
Real world heart failures populations				
Mon 02 Sep	15:45 - 16:35	Chronic Heart Failure - Epidemiology, Prognosis, Outcome	Moderated Posters	Moderated ePoster 4 - Poster Area
Vascular inflammation				
Mon 02 Sep	15:45 - 16:35	Basic Science	Moderated Posters	Moderated ePoster 3 - Poster Area

<b>Neuropsychiatric disease, substance abuse and the heart</b>				
Mon 02 Sep	15:45 - 16:35	Cardiovascular Disease in Special Populations	Moderated Posters	Moderated ePoster 2 - Poster Area
<b>State of the art cardiovascular magnetic resonance</b>				
Mon 02 Sep	15:45 - 16:35	Cardiac Magnetic Resonance	Moderated Posters	Moderated ePoster 1 - Poster Area
<b>Pursuing Health Equity: how to close the gaps in health care disparities</b>				
Mon 02 Sep	15:45 - 16:45	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza
<b>New perspective on pathophysiology and mechanisms in coronary artery disease</b>				
Mon 02 Sep	15:45 - 16:35	Coronary Artery Disease - Pathophysiology and Mechanisms	Moderated Posters	Moderated ePoster 5 - Poster Area
<b>Blockbusters from the Young in coronary artery disease</b>				
Mon 02 Sep	15:50 - 16:30	Coronary Artery Disease (Chronic)	Abstract Session	Agora 2 - Poster Area
<b>Meet the Task Force 2019 ESC/EASD Guidelines on Diabetes, Pre-diabetes and Cardiovascular Diseases</b>				
Mon 02 Sep	15:50 - 16:30	Diabetes and the Heart	Special Session	Centre Stage - The Hub
<b>ESC Andreas Grüntzig Lecture on Interventional Cardiology</b>				
Mon 02 Sep	15:50 - 16:30	Interventional Cardiology	Special Session	Tashkent - Village 7
<b>Blockbusters from the Young - Cutting edge in heart failure</b>				
Mon 02 Sep	15:50 - 16:30	Chronic Heart Failure - Pathophysiology and Mechanisms	Abstract Session	Agora 1 - Poster Area
<b>International Aspirin foundation - Where are we now and where are we going</b>				
Mon 02 Sep	16:00 - 16:30	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Balzac - The Hub
<b>Discussing the opportunities for SGLT2 in clinical cardiology</b>				
Mon 02 Sep	16:00 - 16:30	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Duras - The Hub
<b>How well do you know HFpEF? Meet the experts</b>				
Mon 02 Sep	16:00 - 16:30	Chronic Heart Failure	Satellite Symposium - Experts on the Spot	Camus - The Hub
<b>Antithrombotic therapy in atrial fibrillation patients post-percutaneous coronary intervention: guidance from both sides of the Atlantic</b>				
Mon 02 Sep	16:00 - 16:30	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Colette - The Hub

The north face in acute coronary syndromes: let's climb it!				
Mon 02 Sep	16:00 - 16:30	Acute Coronary Syndromes	Satellite Symposium - Experts on the Spot	Hugo - The Hub
Meet the trialist - Combined effect of lower LDL-C and lower SBP on the lifetime risk of cardiovascular disease				
Mon 02 Sep	16:10 - 16:40	Risk Factors and Prevention - Epidemiology	Late-Breaking Science	ESC TV Stage - ESC Plaza
Optimising anticoagulation management in atrial fibrillation patients with acute coronary syndrome and/or undergoing percutaneous coronary intervention				
Mon 02 Sep	16:15 - 17:15	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
From trial to treatment in vascular protection: which high risk CAD/PAD patients benefit the most?				
Mon 02 Sep	16:30 - 17:30	Coronary Artery Disease - Treatment	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Measure volume anatomy and flow non-invasively, accurately, quickly and reproducibly in 3D				
Mon 02 Sep	16:30 - 18:00	Echocardiography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Our challenges in anticoagulation treatment in the elderly atrial fibrillation patient				
Mon 02 Sep	16:30 - 17:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
The ageing cardiovascular system: anything that can slow down the process?				
Mon 02 Sep	16:40 - 17:50	Stem Cells, Cell Cycle, Cell Senescence, Cell Death	Symposium	Athens - Village 3
Patient centered care in atrial fibrillation				
Mon 02 Sep	16:40 - 17:50	Cardiovascular Nursing	Symposium	Rome - Village 4
Guidelines in Practice: Cardiovascular disease in pregnancy				
Mon 02 Sep	16:40 - 17:50	Pregnancy and Cardiovascular Disease	Case-based Session	London - Village 2
Novel technologies and artificial intelligence in cardiovascular imaging				
Mon 02 Sep	16:40 - 17:50	Cross-Modality and Multi-Modality Imaging, Other	Symposium	Nicosia - Village 1
Controversies in imaging coronary artery disease				
Mon 02 Sep	16:40 - 17:50	Imaging: Coronary Artery Disease	Debate Session	Duras - The Hub
The right heart in echocardiography				
Mon 02 Sep	16:40 - 17:50	Imaging	Focus with the Experts	Amsterdam - Village 1
Aorta and peripheral vascular disease: Essential Update				
Mon 02 Sep	16:40 - 17:50	Peripheral Vascular and Cerebrovascular Disease	Symposium	Tallinn - Village 7

Hypertension : what you need to know as you age				
Mon 02 Sep	16:40 - 17:50	Hypertension - Clinical	Case-based Session	Astana - Village 2
How to get the most out of cardiac resynchronisation therapy?				
Mon 02 Sep	16:40 - 17:50	Cardiac Resynchronization Therapy	Symposium	Berlin - Village 4
Advances and unmet needs in chronic thromboembolic pulmonary hypertension around the globe				
Mon 02 Sep	16:40 - 17:50	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Symposium	Tbilisi - Village 6
Advances in valvular heart disease				
Mon 02 Sep	16:40 - 17:35	Valvular Heart Disease	Advances in Science	Balzac - The Hub
Antithrombotic therapy in patients with acute coronary syndromes				
Mon 02 Sep	16:40 - 17:50	Acute Coronary Syndromes - Treatment	Symposium	Helsinki - Village 8
Guidelines in Daily Practice - Myocardial Revascularisation				
Mon 02 Sep	16:40 - 17:50	Coronary Artery Disease (Chronic)	Case-based Session	Sofia - Village 8
Expert Advice - Optimising the organisation of heart failure care				
Mon 02 Sep	16:40 - 17:50	Chronic Heart Failure: Clinical, Other	Focus with the Experts	Budapest - Village 5
SGLT2 inhibitors and cardiovascular outcomes				
Mon 02 Sep	16:40 - 17:50	Diabetes and the Heart: Pharmacotherapy	Symposium	Prague - Village 2
Pathology for cardiac imaging of acquired and hereditary cardiac diseases				
Mon 02 Sep	16:40 - 17:50	Myocardial Disease	Special Session	Camus - The Hub
Heart Failure - The "Big Picture"				
Mon 02 Sep	16:40 - 17:50	Chronic Heart Failure	Special Session	Sarajevo - Village 5
New treatments for pulmonary vascular disease				
Mon 02 Sep	16:40 - 17:50	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Advances in Science	Zagreb - Village 6
Hot Line Session 4				
Mon 02 Sep	16:40 - 17:52	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
Novel echocardiography techniques for heart failure				
Mon 02 Sep	16:40 - 17:50	Chronic Heart Failure - Diagnostic Methods: Imaging	Rapid Fire Abstracts	Agora 1 - Poster Area

Influence of metabolic or infection disease on the heart				
Mon 02 Sep	16:40 - 17:50	Cardiovascular Disease in Special Populations	Rapid Fire Abstracts	Agora 2 - Poster Area
Heart health on the move				
Mon 02 Sep	16:40 - 17:50	Public Health	Advances in Science	Digital Health Stage 1 - Digital Health Area
Cardiac evaluation of athletes to prevent sudden death				
Mon 02 Sep	16:40 - 17:50	Sports Cardiology	Advances in Science	Reykjavik - Village 2
What's new in genetics of heart disease				
Mon 02 Sep	16:40 - 17:50	Basic Science - Cardiac Diseases: Cardiomyopathies	Advances in Science	Pristina - Village 3
Acute heart failure : new treatment updates				
Mon 02 Sep	16:40 - 17:50	Acute Heart Failure- Treatment	Abstract Session	Science Box 2 - Poster Area
Let's Talk About Strategy - Case Discussions with the Masters				
Mon 02 Sep	16:40 - 17:50	Interventional Cardiology	Focus with the Experts	Centre Stage - The Hub
A bag of trouble: lessons in myocardial and pericardial disease				
Mon 02 Sep	16:40 - 17:50	Myocardial Disease	Clinical Cases	Hugo - The Hub
Advances in transcatheter mitral valve repair				
Mon 02 Sep	16:40 - 17:50	Non-coronary Cardiac Intervention	Advances in Science	Tashkent - Village 7
New insights from translational CMR				
Mon 02 Sep	16:40 - 17:50	Cardiac Magnetic Resonance	Abstract Session	Science Box 1 - Poster Area
Right ventricle - The forgotten heart chamber? When and how should we analyze it				
Mon 02 Sep	16:40 - 17:40	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Challenging cases in Valvular Heart Disease				
Mon 02 Sep	16:40 - 17:50	Valvular Heart Disease - Clinical	Clinical Cases	Case Corner 1 - Poster Area
Holes in the heart				
Mon 02 Sep	16:40 - 17:50	Non-coronary Cardiac Intervention	Clinical Cases	Case Corner 2 - Poster Area
French Cardiology Pioneers				
Mon 02 Sep	17:00 - 17:45	European Society of Cardiology - Other	Interview	ESC TV Stage - ESC Plaza

**Awards Ceremony**

Mon 02 Sep	18:00 - 19:00	European Society of Cardiology	Special Event	FESC Lounge - Hall 7 4th Floor
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**Obesity care in people with cardiovascular disease: a neglected front? (This programme has been submitted for EACCME accreditation)**

Mon 02 Sep	18:15 - 19:45	Risk Factors and Prevention	Satellite Symposium	Amsterdam - Village 1
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**Circulation: cardiovascular imaging - Editors' picks**

Mon 02 Sep	18:15 - 19:15	Imaging	Satellite Symposium	Colette - The Hub
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**Latest advances in the management of mitral and tricuspid regurgitation**

Mon 02 Sep	18:15 - 19:00	Valvular Heart Disease	Satellite Symposium	Duras - The Hub
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# ESC CONGRESS 2019

31 August - 04 September 2019, Paris - France

## Scientific Programme

Date and time		Topic	Type	Room
<b>General cardiology crash course - Part 4</b>				
Tue 03 Sep	07:30 - 08:15	Training and Education	Cardiology@Breakfast	Hugo - The Hub
<b>Precision medicine: novel biomarkers for patient risk stratification</b>				
Tue 03 Sep	07:30 - 08:15	Basic Science - Cardiac Diseases: Biomarkers	Cardiology@Breakfast	Camus - The Hub
<b>Morning insights into pacing</b>				
Tue 03 Sep	07:30 - 08:15	Device Therapy - Other	Cardiology@Breakfast	Duras - The Hub
<b>A career in Basic Science: tales from the road</b>				
Tue 03 Sep	07:30 - 08:15	Basic Science	Cardiology@Breakfast	Agora 2 - Poster Area
<b>Hot topics in out-of-hospital cardiac arrest management</b>				
Tue 03 Sep	07:30 - 08:15	Acute Cardiac Care - CCU, Intensive, and Critical Cardiovascular Care	Cardiology@Breakfast	Balzac - The Hub
<b>Optimising exercise training in cardiac patients</b>				
Tue 03 Sep	07:30 - 08:15	Cardiovascular Nursing	Cardiology@Breakfast	Colette - The Hub
<b>Expert Advice - Therapeutic options in advanced heart failure</b>				
Tue 03 Sep	08:30 - 10:00	Chronic Heart Failure	Focus with the Experts	Sarajevo - Village 5
<b>Lipids / Cardiovascular risk prediction / Life style</b>				
Tue 03 Sep	08:30 - 10:00	Risk Factors and Prevention	Rapid Fire Abstracts	Agora 2 - Poster Area
<b>Advanced applications of cardiac strain imaging</b>				
Tue 03 Sep	08:30 - 10:00	Imaging	Rapid Fire Abstracts	Agora 1 - Poster Area
<b>Poster Session 6: Coronary artery disease inflammation</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Office hours acute coronary syndrome</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Poster Session 6: Acute coronary syndrome timing				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Acute coronary syndrome presentation				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Long term prognosis in coronary artery disease				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Treatment of coronary artery disease, other				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Cardiomyopathy				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Aortic valve interventions				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Mitral and tricuspid				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Retrograde CTO recanalisation				
Tue 03 Sep	08:30 - 10:00	Coronary Intervention: CTO	Live in the Box	Centre Stage - The Hub
Poster Session 6: Acute coronary syndrome				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Acute and anticoagulation				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Treatment of the diseases of aorta				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Major new trends in electrophysiology 2019				
Tue 03 Sep	08:30 - 10:00	Arrhythmias, General	Symposium	Rome - Village 4
Best of Cardiovascular Research				
Tue 03 Sep	08:30 - 10:00	Basic Science	Symposium	Balzac - The Hub
Poster Session 6: Intracoronary imaging and physiology				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

<b>Poster Session 6: Intracoronary imaging physiology</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Inflammatory and infiltrative cardiomyopathies</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Acute coronary syndrome prognosis</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Acute coronary syndrome risk factors</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Coronary artery disease risk atypical</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Myocarditis</b>				
Tue 03 Sep	08:30 - 10:00	Myocardial Disease - Clinical	Clinical Cases	Case Corner 1 - Poster Area
<b>Rare and unusual cases</b>				
Tue 03 Sep	08:30 - 10:00	Tumors of the Heart - Clinical	Clinical Cases	Case Corner 2 - Poster Area
<b>Poster Session 6: Cardiovascular magnetic resonance in ischemic heart disease</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Cardiovascular magnetic resonance in cardiomyopathy</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Cardiovascular magnetic resonance in myocarditis/HCM</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Cardiovascular magnetic resonance methods, advances</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Obesity</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Epidemiology and prevention</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Lipids</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

Poster Session 6: Immunodeficiency virus (HIV)				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Insights into arrhythmia mechanism and therapies				
Tue 03 Sep	08:30 - 10:00	Basic Science - Cardiac Diseases: Arrhythmias	Abstract Session	Science Box 1 - Poster Area
Poster Session 6: Neurologic disorders and heart disease				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Pregnancy				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Lipid management and outcome				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Cardiac repair and signalling				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
New concepts in pulmonary hypertension				
Tue 03 Sep	08:30 - 10:00	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Abstract Session	Science Box 2 - Poster Area
Poster Session 6: Regeneration				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Non-coding RNAs				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Acute heart failure				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Stage D heart failure				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Arrhythmias and devices in heart failure				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Basic science heart failure				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Biomarkers in heart failure				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area

<b>Blood pressure targets in high risk patients: challenges and opportunities</b>				
Tue 03 Sep	08:30 - 10:00	Hypertension - Epidemiology, Prognosis, Outcome	Advances in Science	Astana - Village 2
<b>Poster Session 6: Hypertension mediated target organ damage and hypertension phenotypes</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Risk stratification in arrhythmia</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Poster Session 6: Epidemiology of atrial fibrillation</b>				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
<b>Preventive cardiology in all stages of life: what do we know?</b>				
Tue 03 Sep	08:30 - 10:00	Risk Factors and Prevention	Symposium	Reykjavik - Village 2
<b>Would you give it to your grandmother? - Primary prevention in the elderly</b>				
Tue 03 Sep	08:30 - 10:00	Risk Factors and Prevention	Symposium	London - Village 2
<b>Meet the Experts - Imaging tools for in vivo myocardial tissue characterisation.</b>				
Tue 03 Sep	08:30 - 10:00	Cardiac Magnetic Resonance: Myocardium	Focus with the Experts	Nicosia - Village 1
<b>Evolving concepts in lipidology</b>				
Tue 03 Sep	08:30 - 10:00	Lipids: Drug therapy	Symposium	Prague - Village 2
<b>Late Breaking Basic and Translational Science - Atherosclerosis and Aortic Stenosis</b>				
Tue 03 Sep	08:30 - 09:40	Basic Science	Late-Breaking Science	Pristina - Village 3
<b>From trial to treatment in vascular protection: which high risk CAD patients benefit the most?</b>				
Tue 03 Sep	08:30 - 09:30	Coronary Artery Disease - Treatment	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
<b>Diet, alcohol and CVD: myths and facts</b>				
Tue 03 Sep	08:30 - 10:00	Nutrition, Malnutrition and Heart Disease	Symposium	Colette - The Hub
<b>Challenging decision-making in anticoagulation therapy</b>				
Tue 03 Sep	08:30 - 10:00	Oral Anticoagulation	Symposium	Berlin - Village 4
<b>Controversies in coronary revascularisation: left main disease and diabetes</b>				
Tue 03 Sep	08:30 - 10:00	Coronary Intervention: Stents	Debate Session	Duras - The Hub
<b>Looking into the crystal ball: clinically relevant advances in the interventional/surgical practice in cardiovascular medicine in the next 10 years</b>				
Tue 03 Sep	08:30 - 10:00	Coronary Intervention	Symposium	Hugo - The Hub

Poster Session 6: Coronary Artery Disease - Clinical				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Catheter ablation of ventricular arrhythmias				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
2019 ESC Guidelines on Acute Pulmonary Embolism				
Tue 03 Sep	08:30 - 10:00	Pulmonary Embolism	Main Session	Paris - Main Auditorium
Meet the Experts - Challenges in adult congenital heart disease care				
Tue 03 Sep	08:30 - 10:00	Congenital Heart Disease - Clinical	Focus with the Experts	Zagreb - Village 6
Why should registry data impact clinical practice?				
Tue 03 Sep	08:30 - 10:00	Cardiovascular Epidemiology	Symposium	Camus - The Hub
How should I treat challenging patients with severe aortic stenosis?				
Tue 03 Sep	08:30 - 10:00	Aortic Stenosis	Case-based Session	Tallinn - Village 7
Expert Advice - Evolving evidence in the treatment of secondary mitral regurgitation				
Tue 03 Sep	08:30 - 10:00	Valvular Heart Disease - Treatment	Focus with the Experts	Tbilisi - Village 6
Poster Session 6: Health economics and policy				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 6: Cardiac resynchronisation therapy				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Chronic coronary syndrome: Essential Update				
Tue 03 Sep	08:30 - 10:00	Coronary Artery Disease (Chronic)	Symposium	Helsinki - Village 8
Beyond lipid lowering: can atherosclerosis be reversed?				
Tue 03 Sep	08:30 - 10:00	Vascular Diseases, Other	Symposium	Athens - Village 3
Poster Session 6: Syncope				
Tue 03 Sep	08:30 - 12:30	European Society of Cardiology	Poster Session	Posters - Poster Area
Diabetes and heart failure: a complex relationship				
Tue 03 Sep	08:30 - 10:00	Chronic Heart Failure	Symposium	Budapest - Village 5
Big data in cardiovascular medicine: hope or hype?				
Tue 03 Sep	08:30 - 10:00	Digital Health: Big Data Analysis	Symposium	Digital Health Stage 1 - Digital Health Area

Expert Advice - Tips and tricks in imaging your patient with valvular heart disease				
Tue 03 Sep	08:30 - 10:00	Imaging: Valve Disease	Focus with the Experts	Amsterdam - Village 1
Cardiotoxic effects of cancer therapy - The role of echo				
Tue 03 Sep	09:00 - 10:00	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
The potential of digital medicine for heart failure care				
Tue 03 Sep	09:00 - 10:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Technology and Innovation showcase 6				
Tue 03 Sep	09:00 - 12:30	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
Non-vitamin K antagonist oral anticoagulants in cancer patients with atrial fibrillation or venous thromboembolism				
Tue 03 Sep	09:00 - 10:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Meet the trialist - GALACTIC				
Tue 03 Sep	10:00 - 10:30	Acute Heart Failure: Pharmacotherapy	Late-Breaking Science	ESC TV Stage - ESC Plaza
Innovations along the clinical pathway				
Tue 03 Sep	10:00 - 17:00	Cross-Modality and Multi-Modality Imaging Topics	Practical Tutorials	Practical Tutorial 6 - Exhibition 1
ESC General Assembly				
Tue 03 Sep	10:00 - 11:00	European Society of Cardiology	Special Event	Sofia - Village 8
How to easily inject a new implantable cardiac monitor				
Tue 03 Sep	10:00 - 11:00	Arrhythmias, General	Practical Tutorials	Practical Tutorial 4 - Exhibition 1
Glucose abnormalities and left ventricular dysfunction				
Tue 03 Sep	10:05 - 10:55	Chronic Heart Failure: Comorbidities - Diabetes	Moderated Posters	Moderated ePoster 4 - Poster Area
Challenges in contemporary management of coronary artery disease				
Tue 03 Sep	10:05 - 10:55	Coronary Artery Disease (Chronic)	Moderated Posters	Moderated ePoster 5 - Poster Area
Diabetes and the heart				
Tue 03 Sep	10:05 - 10:55	Diabetes and the Heart	Moderated Posters	Moderated ePoster 2 - Poster Area
Launch of new Oxford Master's in Clinical Trials				
Tue 03 Sep	10:05 - 10:50	European Society of Cardiology	Professional Development	Global Exchange 1 - ESC Plaza

Novel imaging and risk stratification of acute pulmonary embolism				
Tue 03 Sep	10:05 - 10:55	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure	Moderated Posters	Moderated ePoster 6 - Poster Area
Advances in stress echocardiography in different clinical scenarios				
Tue 03 Sep	10:05 - 10:55	Stress Echocardiography	Moderated Posters	Moderated ePoster 1 - Poster Area
Channelopathies - from all to bedside				
Tue 03 Sep	10:05 - 10:55	Cellular Mechanisms of Arrhythmias	Moderated Posters	Moderated ePoster 7 - Poster Area
Determinants of heart failure: hypertrophy and fibrosis				
Tue 03 Sep	10:05 - 10:55	Basic Science - Cardiac Diseases	Moderated Posters	Moderated ePoster 3 - Poster Area
Blockbusters from the Young in myocardial and pericardial disease				
Tue 03 Sep	10:10 - 10:50	Myocardial Disease - Clinical	Abstract Session	Agora 2 - Poster Area
Blockbusters from the Young in cardiovascular interventions				
Tue 03 Sep	10:10 - 10:50	Coronary Intervention	Abstract Session	Agora 1 - Poster Area
Meet the Task Force of the 2019 ESC Guidelines on Acute Pulmonary Embolism				
Tue 03 Sep	10:10 - 10:50	Pulmonary Embolism	Special Session	Tbilisi - Village 6
Vascular protection: when do patients need more?				
Tue 03 Sep	10:15 - 10:45	Coronary Artery Disease (Chronic)	Satellite Symposium - Experts on the Spot	Balzac - The Hub
Practical tips to optimise stroke prevention with non-vitamin K antagonist oral anticoagulants (NOACs)				
Tue 03 Sep	10:15 - 10:45	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Duras - The Hub
Living an active life with angina: illusion or reality?				
Tue 03 Sep	10:15 - 10:45	Coronary Artery Disease (Chronic)	Satellite Symposium - Experts on the Spot	Camus - The Hub
Benefits and risks of anticoagulation in elderly atrial fibrillation patients				
Tue 03 Sep	10:15 - 10:45	Atrial Fibrillation	Satellite Symposium - Experts on the Spot	Colette - The Hub
A cross-specialty focus - Who are the appropriate patients for SGLT2is?				
Tue 03 Sep	10:15 - 10:45	Cardiovascular Disease in Special Populations	Satellite Symposium - Experts on the Spot	Hugo - The Hub

Revealing new insights of structural valve disease				
Tue 03 Sep	10:25 - 11:25	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Meet the trialist - Salt substitution and community-wide reductions in blood pressure and hypertension incidence				
Tue 03 Sep	10:30 - 11:00	Hypertension - Prevention	Late-Breaking Science	ESC TV Stage - ESC Plaza
Coronary computed tomography angiography - Indication, examination and interpretation				
Tue 03 Sep	10:30 - 12:00	Computed Tomography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
Out of Control: proarrhythmic calcium handling from bench to bedside				
Tue 03 Sep	11:00 - 12:30	Basic Science	Symposium	Pristina - Village 3
Cardiomyopathies: translating innovations				
Tue 03 Sep	11:00 - 12:30	Basic Science - Cardiac Diseases: Cardiomyopathies	Symposium	Athens - Village 3
EORP registry symposium				
Tue 03 Sep	11:00 - 12:30	EURObservational Research Programme	Symposium	Balzac - The Hub
Cutting edge heart failure treatment				
Tue 03 Sep	11:00 - 12:30	Acute Heart Failure- Treatment	Symposium	Budapest - Village 5
Imaging Masterclass				
Tue 03 Sep	11:00 - 12:30	Hybrid and Fusion Imaging	Clinical Cases	Case Corner 2 - Poster Area
Guidelines in Practice - Syncope				
Tue 03 Sep	11:00 - 12:30	Syncope and Bradycardia	Case-based Session	Berlin - Village 4
Pericardial diseases				
Tue 03 Sep	11:00 - 12:30	Pericardial Disease - Clinical	Clinical Cases	Case Corner 1 - Poster Area
Improving patient care by using new connected tools in my practice				
Tue 03 Sep	11:00 - 12:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Cardiology detectives - ECG Quiz				
Tue 03 Sep	11:00 - 12:30	Arrhythmias, General - Diagnostic Methods: Electrocardiography	Symposium	Hugo - The Hub
Guidelines in Practice - How to treat high risk non-ST elevation myocardial infarction				
Tue 03 Sep	11:00 - 12:30	Acute Coronary Syndromes - Treatment	Case-based Session	Helsinki - Village 8

Update on novel therapeutic approaches in heart failure				
Tue 03 Sep	11:00 - 12:30	Chronic Heart Failure	Symposium	Sarajevo - Village 5
Expert Advice - Cardiac imaging for risk stratification				
Tue 03 Sep	11:00 - 12:30	Imaging: Valve Disease	Focus with the Experts	Amsterdam - Village 1
Pulmonary hypertension, pulmonary embolism and adult congenital heart disease: Essential Update				
Tue 03 Sep	11:00 - 12:30	Adult Congenital Heart Disease, Clinical	Symposium	Zagreb - Village 6
Coronary artery disease - Epidemiology, prognosis and outcome				
Tue 03 Sep	11:00 - 12:30	Coronary Artery Disease - Epidemiology, Prognosis, Outcome	Rapid Fire Abstracts	Agora 1 - Poster Area
Prognosis, identification & treatment of ventricular arrhythmia				
Tue 03 Sep	11:00 - 12:30	Ventricular Arrhythmias and SCD - Treatment	Rapid Fire Abstracts	Agora 2 - Poster Area
Expert Advice - Premature cardiovascular events? Think familial hypercholesterolaemia				
Tue 03 Sep	11:00 - 12:30	Lipids, Other	Symposium	London - Village 2
Cardiovascular health in cancer patients and survivors				
Tue 03 Sep	11:00 - 12:30	Cardio-Oncology	Symposium	Colette - The Hub
New EU Regulations for medical devices: impacting all clinical practice from May 2020				
Tue 03 Sep	11:00 - 12:00	Public Health and Health Economics	Professional Development	Global Exchange 1 - ESC Plaza
Machine learning - State of the art				
Tue 03 Sep	11:00 - 12:30	Digital Health	Advances in Science	Digital Health Stage 1 - Digital Health Area
To score or not to score risk assessment in primary prevention				
Tue 03 Sep	11:00 - 12:30	Prevention - Cardiovascular Risk Assessment: Scores	Debate Session	Prague - Village 2
The challenge of obesity				
Tue 03 Sep	11:00 - 12:30	Pharmacology and Pharmacotherapy	Symposium	Camus - The Hub
Metabolic interfaces in vascular disease				
Tue 03 Sep	11:00 - 12:30	Basic Science - Vascular Biology and Physiology	Abstract Session	Science Box 1 - Poster Area
Controversies in antithrombotic treatment for primary and secondary prevention				
Tue 03 Sep	11:00 - 12:30	Cardiovascular Pharmacotherapy	Debate Session	Duras - The Hub

Lipid modification for the 21st century				
Tue 03 Sep	11:00 - 12:30	Lipids	Advances in Science	Reykjavik - Village 2
Late Breaking Science in Prevention 2				
Tue 03 Sep	11:00 - 12:10	Risk Factors and Prevention	Late-Breaking Science	Astana - Village 2
TAVI - Transcatheter Aortic Valve Implantation				
Tue 03 Sep	11:00 - 12:30	Aortic Valve Intervention	Live in the Box	Centre Stage - The Hub
Expert Advice - Challenging percutaneous coronary interventions				
Tue 03 Sep	11:00 - 12:30	Coronary Intervention	Focus with the Experts	Tallinn - Village 7
Guidelines in Practice - Revascularisation strategies in STEMI and multivessel disease				
Tue 03 Sep	11:00 - 12:30	Interventional Cardiology	Case-based Session	Tashkent - Village 7
Updated recommendations on multimodality imaging from the EACVI				
Tue 03 Sep	11:00 - 12:30	Cross-Modality and Multi-Modality Imaging Topics	Symposium	Nicosia - Village 1
The potential of genetic testing in dilated cardiomyopathy				
Tue 03 Sep	11:00 - 12:30	Dilative Cardiomyopathy	Advances in Science	Tbilisi - Village 6
Hot Line Session 5				
Tue 03 Sep	11:00 - 12:40	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
Cardiac arrest is not the end is it?				
Tue 03 Sep	11:00 - 12:30	Acute Cardiac Care - Cardiac Arrest	Abstract Session	Science Box 2 - Poster Area
New technologies in pulmonary veins isolation for persistent atrial fibrillation				
Tue 03 Sep	11:00 - 12:30	Rhythm Control, Catheter Ablation	Symposium	Rome - Village 4
Emerging treatments in acute coronary syndromes				
Tue 03 Sep	11:20 - 12:30	Acute Coronary Syndromes: Pharmacotherapy	Advances in Science	Sofia - Village 8
Kidneys matter in NVAf patients: experts working together for better patient outcomes				
Tue 03 Sep	11:30 - 12:30	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Challenging clinical cases: AF-PCI - do recent studies simplify clinical practice?				
Tue 03 Sep	11:30 - 12:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
How to optimize the performance of structural heart interventions				
Tue 03 Sep	11:50 - 12:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1

<b>Measure volume anatomy and flow non-invasively, accurately, quickly and reproducibly in 3D</b>				
Tue 03 Sep	12:30 - 14:00	Echocardiography	Practical Tutorials	Practical Tutorial 5 - Exhibition 1
<b>Functional genomics</b>				
Tue 03 Sep	12:40 - 13:30	Basic Science	Moderated Posters	Moderated ePoster 3 - Poster Area
<b>Meet the trialist - CLARIFY</b>				
Tue 03 Sep	12:40 - 13:10	Coronary Artery Disease - Epidemiology, Prognosis, Outcome	Late-Breaking Science	ESC TV Stage - ESC Plaza
<b>New approaches to risk prediction</b>				
Tue 03 Sep	12:40 - 13:30	Research Methodology: Big Data Analysis	Moderated Posters	Moderated ePoster 1 - Poster Area
<b>Cardiovascular pharmacotherapy</b>				
Tue 03 Sep	12:40 - 13:30	Cardiovascular Pharmacotherapy	Moderated Posters	Moderated ePoster 2 - Poster Area
<b>Hypertension: epidemiology, targets and comorbidities</b>				
Tue 03 Sep	12:40 - 13:30	Hypertension - Epidemiology, Prognosis, Outcome	Moderated Posters	Moderated ePoster 4 - Poster Area
<b>Mechanical circulatory support in acute coronary syndromes : are we turning in circles ?</b>				
Tue 03 Sep	12:40 - 13:30	Acute Coronary Syndromes: Shock	Moderated Posters	Moderated ePoster 5 - Poster Area
<b>Stroke - The heart brain axis</b>				
Tue 03 Sep	12:40 - 13:30	Stroke	Moderated Posters	Moderated ePoster 6 - Poster Area
<b>Advanced PCI techniques</b>				
Tue 03 Sep	12:40 - 13:30	Coronary Intervention	Moderated Posters	Moderated ePoster 7 - Poster Area
<b>Latest developments in devices for cardiac rhythm management</b>				
Tue 03 Sep	13:00 - 14:00	Device Therapy	Satellite Symposium	Reykjavik - Village 2
<b>Antithrombotic therapy in atrial fibrillation patients undergoing percutaneous coronary interventions: where do we stand?</b>				
Tue 03 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	London - Village 2
<b>Improving cardiovascular risk in patients with obesity</b>				
Tue 03 Sep	13:00 - 14:00	Cardiovascular Disease in Special Populations	Satellite Symposium	Athens - Village 3
<b>Confronting cardiovascular risk in patients with diabetes - Spotlight on dual antiplatelet therapy (EBAC Accredited)</b>				
Tue 03 Sep	13:00 - 14:00	Coronary Artery Disease (Chronic)	Satellite Symposium	Centre Stage - The Hub

LDL-c guidance on the novel ESC/EAS dyslipidaemia guidelines: expert discussions on practical implications				
Tue 03 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Balzac - The Hub
Cardiovascular disease prevention in diabetes - The role of aspirin				
Tue 03 Sep	13:00 - 14:00	Diabetes and the Heart	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
DOAC-related bleeding: what every cardiologist needs to know				
Tue 03 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	Amsterdam - Village 1
Advances in implantable cardiac monitors for diagnosing heart rhythm disorders				
Tue 03 Sep	13:00 - 14:00	Device Therapy	Satellite Symposium	Colette - The Hub
Latest insights into cholesterol management for the post-myocardial infarction patient				
Tue 03 Sep	13:00 - 13:45	Coronary Artery Disease (Chronic)	Satellite Symposium	Nicosia - Village 1
How wider use of combinations will improve control of the main cardiovascular risk factors				
Tue 03 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Sarajevo - Village 5
Impact of novel guidelines: transforming diabetes management in cardiology				
Tue 03 Sep	13:00 - 13:45	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Duras - The Hub
Functional mitral regurgitation in heart failure - Time to treat!				
Tue 03 Sep	13:00 - 14:00	Valvular Heart Disease	Satellite Symposium	Astana - Village 2
Improving outcomes with non-vitamin K antagonist oral anticoagulants (NOACs): Focus on atrial fibrillation patients with acute coronary syndrome (ACS) and/or undergoing percutaneous coronary intervention (PCI)				
Tue 03 Sep	13:00 - 14:00	Atrial Fibrillation	Satellite Symposium	Rome - Village 4
Influenza as a trigger of cardiovascular outcomes: new evidences and role of the vaccination				
Tue 03 Sep	13:00 - 14:00	Risk Factors and Prevention	Satellite Symposium	Prague - Village 2
Targeting dyslipidemia in the Asia Pacific Region				
Tue 03 Sep	13:00 - 14:00	Coronary Artery Disease (Chronic)	Satellite Symposium	Sofia - Village 8
The TARGET BP clinical program - Investigating alcohol-mediated renal denervation				
Tue 03 Sep	13:00 - 14:00	Hypertension	Satellite Symposium	Pristina - Village 3
Meet the trialist - ICD use in HF				
Tue 03 Sep	13:25 - 13:55	Implantable Cardioverter Defibrillator (ICD)	Late-Breaking Science	ESC TV Stage - ESC Plaza

Technology and Innovation showcase 7				
Tue 03 Sep	13:30 - 17:00	European Society of Cardiology - Other	Pitch Session	Digital Health Stage 2 - Digital Health Area
How can echo help in the comprehensive assessment of the left-sided heart failure				
Tue 03 Sep	13:50 - 14:50	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
Poster Session 7: Inflammation				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Acute Coronary Syndromes - Risk stratification, machine learning				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Coronary Artery Disease: plaque in stability				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Acute Coronary Syndromes - Treatment antiplatelet				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Acute Coronary Syndromes - Heart Failure				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Cardiac arrest				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Exercise in Heart Failure				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Chronic Heart Failure - Clinical mixed				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Heart Failure Basic Science				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Obesity in Heart Failure				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Stage D Heart Failure				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Cellular mechanisms in cardiovascular inflammation				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area

**Poster Session 7: Molecular mechanisms of cardiovascular inflammation**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Pharmacotherapy of diabetes: from bench to bedside**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Cardiovascular Disease in the Elderly**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Hypertension - Miscellaneous**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Metabolism and redox mechanism in Cardiovascular Disease**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Coronary Intervention**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Acute Coronary Syndromes - P2Y12 inhibitor**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Different faces of angina patients and their needs - Clinical case with discussion**

Tue 03 Sep	14:00 - 14:30	Coronary Artery Disease - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
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**Poster Session 7: Acute Coronary Syndromes**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Basic Science**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Hereditary arrhythmias**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Syncope and bradycardia**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Arrhythmias - Miscellaneous**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Pacing**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Early detection of Atrial Fibrillation**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Acute Coronary Syndromes: pharmacotherapy**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Cardiovascular Disease in Special Populations, miscellaneous**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Interventional Cardiology**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Aortic Disease: animal, genetic, bench**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Imaging in valve interventions**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Other aspects in Valvular Heart Disease and in pulmonary hypertension**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Acute Pulmonary Embolism - Prognostic factors**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Cardiomyopathy**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Coronary Artery Disease: Diabetes kidney**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Risk factors for Coronary Artery Disease**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: PCI: special population, access, Acute Kidney Injury, Diabetes Mellitus, Chronic Kidney Disease**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Epidemiology of cardiovascular disease in populations**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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**Poster Session 7: Public health**

Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
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Poster Session 7: Lipids				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Computed Tomography - Fractional Flow Reserve and Computed Tomography perfusion				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Computed Tomography - Fractional Flow Reserve				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Imaging the coronaries and plaques with Computed Tomography				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Imaging the plaque with Coronary Computed Tomography				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Poster Session 7: Risk factors and prevention				
Tue 03 Sep	14:00 - 18:00	European Society of Cardiology	Poster Session	Posters - Poster Area
Health economics in the era of the increased health care demands				
Tue 03 Sep	14:15 - 15:15	Health Economics	Professional Development	Global Exchange 1 - ESC Plaza
Novel insights in atherosclerosis				
Tue 03 Sep	14:30 - 15:40	Atherosclerosis, Cerebrovascular Diseases, Aneurysm, Restenosis	Advances in Science	Pristina - Village 3
Clinical issues in thoracic aortic disease				
Tue 03 Sep	14:30 - 15:40	Aortic Disease	Symposium	Tallinn - Village 7
Late Breaking Science in Heart Failure 2				
Tue 03 Sep	14:30 - 16:00	Chronic Heart Failure	Late-Breaking Science	Budapest - Village 5
Expert Advice - Device-based therapy in hypertension: the phoenix from the ashes?				
Tue 03 Sep	14:30 - 15:40	Hypertension: Device Treatment and Intervention	Focus with the Experts	Astana - Village 2
Late Breaking Science in Aortic Valve Stenosis				
Tue 03 Sep	14:30 - 15:25	Aortic Valve Stenosis	Late-Breaking Science	Camus - The Hub
Top of the pops in arrhythmia treatment - from life-style modification to lead extraction				
Tue 03 Sep	14:30 - 15:40	Arrhythmias, General - Treatment	Abstract Session	Science Box 2 - Poster Area

Advanced PET & CT techniques for clinical practice				
Tue 03 Sep	14:30 - 15:40	Imaging: Coronary Artery Disease	Abstract Session	Science Box 1 - Poster Area
Lipid Treatment in very high risk ASCVD patient				
Tue 03 Sep	14:30 - 15:40	Lipids	Symposium	Reykjavik - Village 2
How should I treat acute pulmonary embolism?				
Tue 03 Sep	14:30 - 15:40	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Treatment	Case-based Session	Tbilisi - Village 6
From trial to treatment in vascular protection: how to treat chronic CAD patients at high thrombotic risk?				
Tue 03 Sep	14:30 - 15:30	Coronary Artery Disease - Treatment	Practical Tutorials	Practical Tutorial 1 - Exhibition 1
Different faces of angina patients and their needs - Clinical case with discussion				
Tue 03 Sep	14:30 - 15:00	Coronary Artery Disease - Clinical	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
Challenging clinical cases				
Tue 03 Sep	14:30 - 15:40	European Society of Cardiology - Other	Clinical Cases	Case Corner 1 - Poster Area
Imaging aortic stenosis: beyond echo Doppler				
Tue 03 Sep	14:30 - 15:40	Imaging: Aortic Disease	Symposium	Nicosia - Village 1
Role of cardiac imaging in current guidelines: what's new?				
Tue 03 Sep	14:30 - 15:40	Imaging	Symposium	Amsterdam - Village 1
Expert Advice - Cardiovascular evaluation before competitive sports				
Tue 03 Sep	14:30 - 15:40	Sports Cardiology	Focus with the Experts	Prague - Village 2
Challenging PCI cases				
Tue 03 Sep	14:30 - 15:40	Coronary Intervention	Clinical Cases	Case Corner 2 - Poster Area
Heart failure management in the intensive care unit: Essential Update				
Tue 03 Sep	14:30 - 15:40	Acute Cardiac Care	Symposium	Sofia - Village 8
The cardiovascular dangers of age and sex				
Tue 03 Sep	14:30 - 15:40	Cardiovascular Disease in Special Populations	Advances in Science	London - Village 2
Nightmare cases from the CCU				
Tue 03 Sep	14:30 - 15:40	Acute Cardiac Care - CCU, Intensive, and Critical Cardiovascular Care	Clinical Cases	Hugo - The Hub

Chronic heart failure				
Tue 03 Sep	14:30 - 15:40	Chronic Heart Failure	Symposium	Sarajevo - Village 5
Severe symptomatic aortic valve stenosis - TAVI the first treatment choice for all?				
Tue 03 Sep	14:30 - 15:40	Non-coronary Cardiac Intervention	Symposium	Tashkent - Village 7
Mitochondria as orchestrators of cardiovascular function				
Tue 03 Sep	14:30 - 15:40	Basic Science - Cardiac Biology and Physiology: Mitochondria	Symposium	Athens - Village 3
Transvenous lead extraction				
Tue 03 Sep	14:30 - 15:40	Device Complications and Lead Extraction	Live in the Box	Centre Stage - The Hub
Guidelines in Daily Practice - AMI-STEMI				
Tue 03 Sep	14:30 - 15:40	Circulatory Support	Case-based Session	Helsinki - Village 8
Valvular heart disease - The "Big Picture"				
Tue 03 Sep	14:30 - 15:40	Valvular Heart Disease	Special Session	Zagreb - Village 6
Expert Advice - Gender differences in arrhythmias patients - All you need to know				
Tue 03 Sep	14:30 - 15:40	Arrhythmias, General - Epidemiology, Prognosis, Outcome	Focus with the Experts	Berlin - Village 4
Atrial fibrillation - The "Big Picture"				
Tue 03 Sep	14:30 - 15:40	Atrial Fibrillation	Special Session	Rome - Village 4
Bench to bedside: therapeutic perspectives.				
Tue 03 Sep	14:30 - 15:40	Basic Science	Symposium	Balzac - The Hub
Remote monitoring of cardiac implanted electronic devices: new ESC Recommendations				
Tue 03 Sep	14:30 - 15:40	Remote Patient Monitoring and Telemedicine	Symposium	Digital Health Stage 1 - Digital Health Area
Mitral and tricuspid valve regurgitation: new insights				
Tue 03 Sep	14:30 - 15:40	Valvular Heart Disease	Rapid Fire Abstracts	Agora 1 - Poster Area
Smoking cessation - What's new?				
Tue 03 Sep	14:30 - 15:40	Cardiovascular Nursing	Symposium	Colette - The Hub
Is inflammation really important in heart failure?				
Tue 03 Sep	14:30 - 15:40	Chronic Heart Failure - Diagnostic Methods	Rapid Fire Abstracts	Agora 2 - Poster Area
Controversies in secondary prevention: treating residual risk				
Tue 03 Sep	14:30 - 15:40	Coronary Artery Disease - Prevention	Debate Session	Duras - The Hub

2019 ESC Guidelines on Supraventricular Tachycardias				
Tue 03 Sep	14:30 - 15:40	Supraventricular Tachycardia (non-AF)	Main Session	Paris - Main Auditorium
First clinical experience with a smart textile				
Tue 03 Sep	15:00 - 16:00	Digital Health	Practical Tutorials	Practical Tutorial 8 - Exhibition 1
ENTRUST-AF PCI trial: meet the trialists				
Tue 03 Sep	15:00 - 16:00	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
Meet the trialist - PURE				
Tue 03 Sep	15:40 - 16:10	Risk Factors and Prevention - Epidemiology	Late-Breaking Science	ESC TV Stage - ESC Plaza
Is his bundle pacing the new answer ?				
Tue 03 Sep	15:45 - 16:35	Antibradycardia Pacing	Moderated Posters	Moderated ePoster 7 - Poster Area
Translational research in heart failure				
Tue 03 Sep	15:45 - 16:35	Experimental Heart Failure	Moderated Posters	Moderated ePoster 4 - Poster Area
Optimising anticoagulation management in atrial fibrillation patients at high risk				
Tue 03 Sep	15:45 - 16:45	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
Basic mechanism of valvular heart disease				
Tue 03 Sep	15:45 - 16:35	Basic Science - Cardiac Diseases: Valvular Heart Disease	Moderated Posters	Moderated ePoster 3 - Poster Area
Functional coronary disease in patients with acute coronary syndromes				
Tue 03 Sep	15:45 - 16:35	Acute Coronary Syndromes - Pathophysiology and Mechanisms	Moderated Posters	Moderated ePoster 5 - Poster Area
Basic mechanisms of pulmonary disease				
Tue 03 Sep	15:45 - 16:35	Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure - Pathophysiology and Mechanisms	Moderated Posters	Moderated ePoster 6 - Poster Area
Cardiovascular risks of surgery and of TAVI				
Tue 03 Sep	15:45 - 16:35	Cardiovascular Disease in Special Populations	Moderated Posters	Moderated ePoster 2 - Poster Area
The role of imaging for pacing candidates and arrhythmias				
Tue 03 Sep	15:45 - 16:35	Imaging: Arrhythmias	Moderated Posters	Moderated ePoster 1 - Poster Area

<b>Meet the Task Force of the 2019 ESC Guidelines on Supraventricular Tachycardias</b>				
Tue 03 Sep	15:50 - 16:30	Supraventricular Tachycardia (non-AF)	Special Session	Rome - Village 4
<b>ESC and UEMS cardiac session - Quality and standards in cardiology</b>				
Tue 03 Sep	15:50 - 16:50	European Society of Cardiology - Other	Professional Development	Global Exchange 1 - ESC Plaza
<b>Blockbusters from the Young in acute coronary syndromes</b>				
Tue 03 Sep	15:50 - 16:30	Coronary Artery Disease - Treatment	Abstract Session	Agora 2 - Poster Area
<b>From submission to sharing: How to publish your best articles in the European Heart Journal and the New England Journal of Medicine</b>				
Tue 03 Sep	15:50 - 16:30	Training and Education	Special Session	Centre Stage - The Hub
<b>Experts on the spot: exploring new dimensions in glucagon-like peptide-1 receptor agonists and cardiovascular risk</b>				
Tue 03 Sep	16:00 - 16:30	Cardiovascular Disease in Special Populations	Satellite Symposium - Experts on the Spot	Duras - The Hub
<b>Residual risk for cardiovascular disease - Omega-3 fatty acids in cardiology practice - 3 fatty acids in cardiology practice</b>				
Tue 03 Sep	16:00 - 16:30	Risk Factors and Prevention	Satellite Symposium - Experts on the Spot	Colette - The Hub
<b>Antithrombotic therapy in atrial fibrillation patients undergoing percutaneous coronary intervention - The Japanese and the European perspective</b>				
Tue 03 Sep	16:30 - 17:30	Atrial Fibrillation - Treatment	Practical Tutorials	Practical Tutorial 3 - Exhibition 1
<b>Hot Line Session 6</b>				
Tue 03 Sep	16:40 - 17:52	European Society of Cardiology - Other	Late-Breaking Science	Paris - Main Auditorium
<b>Novel ESC Guidelines 2019 - Clinical cases put into practice</b>				
Tue 03 Sep	16:40 - 17:50	Training and Education	Case-based Session	Camus - The Hub
<b>Meet the Experts - Atrial fibrillation in patients with acute coronary syndromes: how annoying!</b>				
Tue 03 Sep	16:40 - 17:50	Acute Coronary Syndromes - Other	Focus with the Experts	Helsinki - Village 8
<b>Intravascular imaging and physiology to optimise outcomes</b>				
Tue 03 Sep	16:40 - 17:50	Invasive Imaging and Functional Assessment	Rapid Fire Abstracts	Agora 1 - Poster Area
<b>Managing electrical complications after Transcatheter Aortic Valve Implantation and other percutaneous arrhythmia procedures</b>				
Tue 03 Sep	16:40 - 17:50	Arrhythmias, General	Rapid Fire Abstracts	Agora 2 - Poster Area
<b>Right ventricular function from mechanics to prognosis</b>				
Tue 03 Sep	16:40 - 17:50	Imaging: Systolic and Diastolic Function	Advances in Science	Nicosia - Village 1

Transposition of the great arteries: what have we learnt?				
Tue 03 Sep	16:40 - 17:50	Congenital Heart Disease and Pediatric Cardiology	Symposium	Tbilisi - Village 6
Right ventricle - The forgotten heart chamber? When and how should we analyze it				
Tue 03 Sep	16:40 - 17:40	Imaging: Valve Disease	Practical Tutorials	Practical Tutorial 9 - Exhibition 1
The brain in hypertension				
Tue 03 Sep	16:40 - 17:50	Target Organ Damage/ Left Ventricular Hypertrophy	Advances in Science	Astana - Village 2
Prognostic value of exercise testing				
Tue 03 Sep	16:40 - 17:50	Exercise Testing	Advances in Science	London - Village 2
Cellular cross talk in heart failure				
Tue 03 Sep	16:40 - 17:50	Basic Science	Advances in Science	Pristina - Village 3
Global trends in heart failure				
Tue 03 Sep	16:40 - 17:50	Chronic Heart Failure - Epidemiology, Prognosis, Outcome	Abstract Session	Science Box 2 - Poster Area
Understanding and treating low gradient aortic stenosis				
Tue 03 Sep	16:40 - 17:50	Valvular Heart Disease	Advances in Science	Zagreb - Village 6
Diseases of the aorta: predictors of events and risk modifiers				
Tue 03 Sep	16:40 - 17:50	Aortic Disease - Prevention	Abstract Session	Science Box 1 - Poster Area
Frontiers in cardiovascular therapeutics				
Tue 03 Sep	16:40 - 17:50	Pharmacology and Pharmacotherapy	Symposium	Athens - Village 3
Burden of ischemic heart disease in women: focus on sex-specific coronary pathophysiology				
Tue 03 Sep	16:40 - 17:50	Cardiovascular Disease in Special Populations	Symposium	Prague - Village 2
Multimodality cardiac imaging in clinical practice: Essential Update				
Tue 03 Sep	16:40 - 17:50	Cross-Modality and Multi-Modality Imaging, Other	Symposium	Amsterdam - Village 1
Anti-arrhythmic drug therapy: new concepts on old drugs				
Tue 03 Sep	16:40 - 17:50	Antiarrhythmic Pharmacotherapy	Advances in Science	Reykjavik - Village 2
Interventions to improve survival and quality of life after cardiac arrest				
Tue 03 Sep	16:40 - 17:50	Cardiovascular Nursing	Symposium	Sofia - Village 8

How is real-world evidence helping to inform care for patients with atrial fibrillation?

Tue 03 Sep	17:00 - 18:00	Atrial Fibrillation - Stroke Prevention	Practical Tutorials	Practical Tutorial 2 - Exhibition 1
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# ESC CONGRESS 2019

31 August - 04 September 2019, Paris - France

## Scientific Programme

Date and time		Topic	Type	Room
<b>Congress Condensed Basic Science</b>				
Wed 04 Sep	09:00 - 10:00	Basic Science	Special Session	Nicosia - Village 1
<b>Congress Condensed General Cardiology</b>				
Wed 04 Sep	09:00 - 10:00	Training and Education	Special Session	Amsterdam - Village 1
<b>Congress Condensed - 2019 Clinical Practice Guidelines</b>				
Wed 04 Sep	09:00 - 10:00	European Society of Cardiology	Special Session	Paris - Main Auditorium
<b>ESC Congress Highlights</b>				
Wed 04 Sep	10:15 - 12:15	European Society of Cardiology	Special Session	Paris - Main Auditorium