

ESC CONGRESS 2021

THE DIGITAL EXPERIENCE

27 - 30 August

PROGRAMME AT A GLANCE as of 21 July 2021

www.escardio.org/ESC2021

#ESCCongress

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

07:15	Novel approaches to catheter ablation
07:15	Novel insights in non-coding RNA functions
07:15	Highlights from the Young: artificial intelligence in imaging
07:15	Emerging concepts in the evaluation of coronary artery disease
07:15	Congenital heart disease: why is it always a challenge to diagnose and treat ?
07:15	SARS-CoV-2 in pulmonary circulation: does it do as much harm as in the alveoli ?
07:15	Consequences of COVID-19 in heart failure : one year on
07:15	Biomarkers to improve prognostication in heart failure: what's new ?
07:15	Recent advances in diagnosis/treatment of hypertension
07:15	Coronary revascularisation focusing on outcomes
07:15	Psychosocial aspects for cardiovascular risk
07:15	Highlights from the Young in emerging cardiovascular interventions

> CHANNEL PROGRAMME

Channel 1 - COVID-19	Channel 2 - Latest Science	Channel 3 - Arrhythmias and Device Therapy
08:00 The collateral damage of COVID-19 on CVD	08:00 The Future of Cardiology - <i>Joint leadership session ACC/AHA/WHF</i>	08:00 Choosing wisely : ablation or medication for rhythm control in atrial fibrillation ?
09:00 Navigating obesity treatment for prevention of CVD - <i>Organised by International Medical Press, supported by an educational grant from Novo Nordisk A/S</i>	09:30 Cardiology at an inflection point : where will the future take us ? - <i>Joint with the International Society for Cardiovascular Translational Research (ISCTR)</i>	09:30 Preventing sudden death: alternatives to transvenous defibrillators
09:30 Influenza, COVID-19, vaccinations, and cardiovascular risk - <i>Joint with the Inter-American Society of Cardiology (IASC)</i>	10:30 Late Breaking Trials in ACS	10:30 Late Breaking Science in Arrhythmias
10:30 COVID-19: who is at risk ?	11:30 Future direction of remote cardiac monitoring - <i>Sponsored by BIOTRONIK</i>	11:30 Neuromodulation for the management of patients with HFREF : the present and the future - <i>Sponsored by Charité Universitätsmedizin Berlin</i>
11:30 From Trials to Clinical Practice : Hypertension Management in Real-World Settings - <i>Sponsored by Menarini Group</i>	12:00 The SCORE2 and SCORE2-Op risk algorithms to estimate ASCVD risk	12:00 Great Debate: ICD indications for primary prevention in patients with dilated cardiomyopathy - time for a change ?
12:00 Long COVID: does it matter ?	13:00 Detect, triage and treat atrial fibrillation and heart failure - <i>Sponsored by Medtronic</i>	13:00 Improving long-term outcomes in Pulmonary Arterial Hypertension : Time matters ! - <i>Sponsored by Janssen</i>
13:00 Influenza and cardiovascular outcomes: protection beyond flu during the time of Covid-19 - <i>Sponsored by Sanofi Pasteur</i>		
Channel 4 - Basic Science	Channel 5 - Coronary Artery Disease - Acute Cardiac Care	Channel 6 - Heart Failure
08:00 Cardiovascular consequences post-COVID: bench to bedside	08:00 Guidelines in Practice: management of the patient with asymptomatic chronic coronary syndrome	08:00 Atrial fibrillation in heart failure : pharmacological or ablation therapy ?
09:30 Dietary interventions for optimised cardiovascular health	09:30 Sudden cardiac death : can we move from prediction to prevention ?	09:30 How should I treat my patient with acute heart failure ?
11:30 Tricuspid valve therapy pathway - <i>Sponsored by GE Healthcare</i>	10:30 Fighting sudden cardiac death the digital way	10:30 Late Breaking Science in Heart Failure
12:00 Immunotherapy for cardiovascular disease	11:30 Home screening for stroke prevention : a practical assessment - <i>Sponsored by OMRON Healthcare Europe B.V.</i>	11:30 Transforming Outcomes for Patients with hATTR Amyloidosis - <i>Sponsored by Alnylam Pharmaceuticals</i>
13:00 Exploring the latest evidence of cardiovascular benefits with glucagon-like peptide 1 receptor agonists - <i>Sponsored by Novo Nordisk A/S</i>	12:00 Great Debate: is revascularisation primarily intended for chronic coronary syndrome patients with symptoms refractory to medical therapy ?	12:00 Great Debate: modern medical therapy makes primary prevention ICDs obsolete in patients with HFREF
	13:00 A Multi-Specialty View of the Latest Data from VERTIS CV and How it Informs Clinical Treatment Decisions for Patients - <i>Sponsored by Merck Sharp & Dohme</i>	13:00 Redefining intensive LDL-c management in high risk patients : The case for combination therapy - <i>Sponsored by PACE-CME</i>

> CHANNEL PROGRAMME

Channel 7 - Cardiovascular Imaging	Channel 8 - Interventional Cardiology & CV Surgery, Stroke, PAD, Aortic Disease	Channel 9 - Preventive Cardiology, Special Populations	Channel 10 - Valvular, Myocardial, Pericardial, Pulmonary, Congenital Heart Disease	Channel 11 - General Cardiology
08:00 Meet the Experts : 4D flow cardiac magnetic resonance in clinical practice	08:00 Guidelines in Practice : antithrombotic therapy in atrial fibrillation and acute myocardial infarction	08:00 Lipoprotein(a) : an emerging lipid risk factor	08:00 How should I treat a patient with severe aortic stenosis and coronary artery disease at low surgical risk ?	08:00 Meet the Experts: cardiomyopathies and sudden cardiac death
09:30 Multimodality cardiac imaging to solve challenging diagnostic questions	09:30 A practical approach to the patient with claudication	09:30 What's next to reduce cardiovascular risk ?	09:30 Decision dilemmas in venous thromboembolism	09:30 Meet the Experts : thoracic aortic diseases - a clinical appraisal for cardiology practice
10:30 What is the role of cardiac magnetic resonance for risk stratification in cardiomyopathies ?	10:30 Aberrant coronary arteries : surgical treatment indications and techniques - <i>Joint with the European Association for Cardio-Thoracic Surgery (EACTS)</i>	10:30 Telerehabilitation in cardiology : is it the future ?	10:30 New directions in pulmonary vascular intervention	10:30 When and how to allow sport activities: a general cardiologist's perspective
12:00 Echocardiography: doing it right in 2021 and beyond	12:00 Great Debate: transcatheter mitral valve repair/replacement for secondary mitral regurgitation - routine or niche ?	12:00 Great Debate: controversy - do patients benefit from omega-3 fatty acids ?	12:00 TAVI in 2021: state of the art	12:00 Are we following the 2018 ESC/ESH Guidelines on Management of Arterial Hypertension in Elderly Patients ?

Channel 12 - Awards and Named Lectures	Channel 13 - Core Cardiology	Channel 14 - Cardiology Toolbox	Channel 15 - International Joint Sessions
08:00 Young Investigator Awards Session in Population Sciences	08:00 Essentials in Imaging - 1 : Optimal use of imaging techniques to address some of the most challenging questions in cardiology	08:00 The practicalities of drug treatment in heart failure	08:00 Cardiology and Cancer - <i>Joint with the European Cancer Organisation (ECO)</i>
09:30 ESC Geoffrey Rose Lecture in Population Sciences and Florence Nightingale Lecture in Nurse-Led Research	09:30 Essentials in Valvular Heart Disease - 1: Aortic and mitral valve disease	09:30 How to handle bleeding in patients on oral anticoagulation	09:30 Rethinking therapeutic and diagnostic strategies for chronic coronary syndromes : European and Japanese perspectives after the ISCHEMIA trial - <i>Joint with the Japanese Circulation Society (JCS)</i>
10:30 Nursing and Allied Professions Investigator Awards	10:30 Essentials in Prevention - 1 : Cardiovascular Epidemiology and Primary Prevention	10:30 Echocardiographic quantification of mitral, aortic and tricuspid regurgitation : a cookbook approach	10:30 Tailored approach for late presenters with congenital heart disease - <i>Joint with the Pan Arab Congenital Heart Disease Association (PACHDA)</i>
	12:00 Essentials in the Cardiology Clinic - 1 : Venous, Peripheral Artery and Aortic Disease	12:00 Managing patients with PFO : practical advice	12:00 Update : arrhythmogenic cardiomyopathy and long QT syndrome - <i>Joint with the South African Heart Association (SAHA)</i>

FRIDAY, 27 AUGUST

> PRIME TIME PROGRAMME

14:00	Inaugural Session
14:30	Hot Line - Dal-GenE
15:00	A Changing Paradigm: Defining the Future Role of SGLT-2 Inhibitors Organised by Radcliffe supported with an unrestricted educational grant from Boehringer Ingelheim
15:30	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure
16:50	The real world of heart failure: putting evidence from trials and guideline recommendations into clinical practice - <i>Sponsored by Novartis</i>
17:25	Hot Line - GUIDE-HF
17:55	Hot Line - EMPEROR-Preserved / EMPEROR-Pooled
18:40	Hot Line - SMART-MI- ICMs
19:00	6 years on, what have we learned from Real World use of PCSK9i ? <i>Sponsored by AMGEN</i>
19:30	Changing the journey of patients with transthyretin amyloid cardiomyopathy (ATTR-CM) - <i>Sponsored by Pfizer</i>
20:15	The Day in Focus - <i>Exclusive for Members & FESC</i>

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

20:15	Highlights from the Young in atrial fibrillation
20:15	Stress echocardiography: key imaging test in clinical practice
20:15	Emerging implications of COVID-19 in acute cardiac care
20:15	Straight from the Heart - Best cases from the Young
20:15	SARS-CoV-2 in the heart: a reason to worry ?
20:15	COVID-19 and basic science
20:15	Diabetes and kidney disease in heart failure: how should we treat the terrible triplets ?
20:15	Highlights from the Young on cutting edge therapy for lowering lipids
20:15	Novel insights into aortic syndromes
20:15	Can we improve outcomes by targeting metabolic risk ?
20:15	A deep dive into mitral regurgitation

> TUTORIALS

Our traditional on-site Practical Tutorials have been revisited to accommodate interactive learning between technical and/or clinical experts in the field and delegates in a virtual classroom environment. You can access them through our schedule overview in the online programme or directly through the virtual exhibition stand of the sponsor hosting the virtual Tutorials: Bristol Myers Squibb and Pfizer, GE Healthcare, Roche Diagnostics International and Servier.

> ACCESS THE RESEARCH GATEWAY

Book time to consult abstracts, clinical cases and latest science on demand. Interact and share with the presenters and your peers from all over the world.

All times in the programme are Central European Summer Time (CEST).

FRIDAY, 27 AUGUST

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

07:15	Atrial fibrillation: risks and management
07:15	Highlights from the Young in basic science
07:15	New imaging insights into valvular heart disease
07:15	Frontiers in the diagnosis and management of cardiac arrest
07:15	Novel insights in electrophysiology and wearables - Best cases from the Young
07:15	Cardiac arrhythmias and COVID-19
07:15	Highlights from the Young in digital health
07:15	Highlights from the Young in heart failure
07:15	Cardiovascular intervention : patient risk and technical features
07:15	New insights into cardio-oncology
07:15	Autoimmune disorders in cardiac disease
07:15	Aortic stenosis: from 'intelligent stethoscope to TAVI'

> CHANNEL PROGRAMME

Channel 1 - Advances in Science	
08:00	Triage of suspected ACS patients
09:00	Lp(a) : From CV risk marker to therapeutic target - Sponsored by PACE-CME
09:30	Diastolic blood pressure: should we care ?
10:30	Advances in science on big data
11:30	Sequential treatment strategy in dyslipidemia vs earlier use of combination therapies: decision-making factors - Sponsored by SERVIER
12:00	Risk stratification in heart disease: the power of molecular tools
13:00	Evolving Cardiovascular risk : Your patient's past, present and future - Sponsored by Bayer AG

Channel 4 - Basic Science	
08:00	Great Debate: is single cell biology a door-opener for personalised medicine or just another playground ?
09:00	Diagnostic and management challenges in HCM - Sponsored by Bristol Myers Squibb
09:30	Late Breaking Basic & Translational Science
10:30	Heart failure : a disease of the blood or blood vessels ?
11:30	2021 EHRA Practical Guide on the use of NOACs in patients with atrial fibrillation- impact on treatment of elderly atrial fibrillation patients ? - Sponsored by Daiichi Sankyo Europe GmbH
12:00	Will basic science solve the problem of arrhythmias ?
13:00	Optimising oral anticoagulation for atrial fibrillation patients undergoing cardiac interventions in 2021: From evidence to practice - Sponsored by Bristol Myers Squibb and Pfizer

Channel 2 - Cardiovascular Pharmacology	
08:00	Great Debate : anticoagulation for stroke prevention in atrial fibrillation - the grey zone
09:00	Why we should not settle for 'ongoing angina', how some hospitals lead by example. - Sponsored by Abbott
09:30	Challenges of cardiovascular pharmacotherapy in the elderly
10:30	Cardiac remuscularization : which is the best approach ?
11:30	Roundtable discussion: NOACs in patients with atrial fibrillation and comorbidities - Sponsored by Boehringer Ingelheim
12:00	Meet the Experts : new cardiorenal pharmacotherapy for diabetes
13:00	Chronic Coronary Syndrome management in clinical practice: challenges in prevention and symptoms control - Sponsored by SERVIER

Channel 5 - Coronary Artery Disease Acute Cardiac Care	
08:00	How to triage the patient with suspected NSTEMI-ACS
09:00	Cardiac Contractility Modulation : Device Based Interventional Heart Failure Management - Sponsored by Impulse Dynamics
09:30	Important aspects of cardiovascular disease in patients with diabetes - Joint with the European Association for the Study of Diabetes (EASD)
10:30	Cardiac arrest and CPR 2021 : hot topics - Joint with the European Resuscitation Council (ERC)
11:30	The Path to Renal Denervation: Newest Data and Patient Considerations - Sponsored by Medtronic
12:00	Meet the Experts: difficult decisions in management of acute coronary syndromes
13:00	Guidelines on NOACs in patients with atrial fibrillation : updates and practical insights - Sponsored by Boehringer Ingelheim

Channel 3 - Arrhythmias and Device Therapy	
08:00	Great Debate: cryoablation as first line treatment for atrial fibrillation. Time for a change to increase efficacy and safety ?
09:00	Transthoracic echo like you've never seen before. - Sponsored by PHILIPS Healthcare
09:30	Defying the odds of stroke in patients with atrial fibrillation : dealing with the left atrium - Joint with the European Stroke Organisation (ESO)
10:30	Sudden cardiac death: from - prevention to early intervention ! - Joint with the Canadian Cardiovascular Society (CCS)
11:30	Key insights from guidelines, clinical trials and real-world evidence to help improve heart failure treatment - Sponsored by Novartis
12:00	Great Debate: will VT ablation improve long-term outcome ?
13:00	The benefits of digital health interventions in cardiovascular disease - Sponsored by WeHealth™ Digital Medicine

Channel 6 - Heart Failure	
08:00	Preventing sudden death in heart failure
09:00	Updated ESC-HF guidelines for the treatment of mitral regurgitation and tricuspid regurgitation; what you need to know - Sponsored by Edwards Lifesciences
09:30	How-To manage HFpEF : state of the art in 2021
10:30	Optimising heart failure management
11:30	Glucagon-like peptide 1 receptor agonists in clinical cardiology practice - Sponsored by Novo Nordisk A/S
12:00	Great Debate: vasodilators no longer have a role in the treatment of acute heart failure
13:00	New Trends in Fibrinolysis - Sponsored by Boehringer Ingelheim International GmbH

> CHANNEL PROGRAMME

Channel 7 - Cardiovascular Imaging	Channel 8 - Interventional Cardiology & CV Surgery, Stroke, PAD, Aortic Disease	Channel 9 - Preventive Cardiology, Special Populations	Channel 10 - Valvular, Myocardial, Pericardial, Pulmonary, Congenital Heart Disease	Channel 11 - Nursing and Allied Professionals
08:00 Meet the Experts : computed tomography evaluation prior to transcatheter aortic valve implantation	08:00 Dealing with transcatheter aortic valve implantation (TAVI) challenges	08:00 Great Debate: metformin - still first-line therapy in type 2 diabetes and heart disease ?	08:00 Guidelines in Practice : management of atrial septal defect with pulmonary hypertension	08:00 Great debate: do digital health interventions work for all cardiovascular patients ?
09:30 New frontiers in cardiovascular computed tomography	09:30 The aorta and sudden cardiac death : from tip to toe	09:30 Cardiotoxicity of cancer therapy: a clinical update	09:30 Preventing maternal sudden cardiac death	09:30 Person-centred care for people with implantable cardioverter defibrillators
10:30 Nuts and bolts of using cardiac CT in preventive cardiology	10:30 Embolic stroke of unknown source: not so cryptic after all	10:30 Preventing atherosclerotic vascular disease throughout life: the earlier the better - <i>Joint with the European Atherosclerosis Society (EAS)</i>	10:30 Drug treatment of inherited cardiomyopathies	10:30 Advanced nurse roles in cardiovascular care : what does the future look like ?
12:00 Guidelines in Practice : working up acute chest pain - imaging in a patient with a nondiagnostic ECG	12:00 Great Debate: controversies in left main revascularisation - to stent or to operate ?	12:00 Meet the Experts: fuel up! - targeting cardiac energy metabolism in type 2 diabetes and heart failure...	12:00 Meet the Experts: genetic variants in cardiovascular disease - what clinicians need to know	12:00 Understanding spontaneous coronary artery dissection

Channel 12 - Awards and Named Lectures	Channel 13 - Core Cardiology	Channel 14 - Cardiology Toolbox	Channel 15 - International Joint Sessions
08:00 Young Investigator Awards Session in Clinical Cardiology	08:00 Essentials in Imaging - 2 : When and how to use cardiac MR, CT and FoCUS	08:00 How to interpret 24-hour and smart watch ECGs	08:00 Diabetes and cardiovascular disease : facing the big challenge ahead - <i>Joint with the Mexican Society of Cardiology (MSC)</i>
09:30 ESC Rene Laennec Lecture on Clinical Cardiology and Andreas Gruntzig Lecture on Interventional Cardiology	09:30 Essentials in Valvular Heart Disease - 2: Challenging Clinical Scenarios	09:30 Workup of syncope: an algorithmic approach	09:30 Adult congenital heart disease : current situation and future issues - <i>Joint with the Japanese Circulation Society (JCS)</i>
10:30 Young Investigator Awards Session in Thrombosis	10:30 Essentials in Prevention - 2 : Drug Treatment in Primary Prevention	10:30 Lipid lowering beyond LDL-cholesterol and statins	10:30 Primary prevention in the Asia-Pacific region - <i>Joint with the Asian Pacific Society of Cardiology (APSC)</i>
12:00 Best Clinical Cases Awards Session - Best cases from the Young	12:00 Essentials in the Cardiology Clinic - 2 : Pulmonary Hypertension, Congenital Heart Disease and Pregnancy	12:00 Statistics and interpretation of clinical trials	12:00 Novel approaches to the treatment of heart failure : a summary - <i>Joint with the Saudi Heart Association (SHA)</i>

SATURDAY, 28 AUGUST

> PRIME TIME PROGRAMME

14:00	Hot Line - MASTER DAPT
14:30	Hot Line - ENVISAGE-TAVI AF
15:00	New therapies for patients following a worsening HF event - <i>Sponsored by Bayer AG</i>
15:30	2021 ESC/EACTS Guidelines for the management of valvular heart disease
16:50	SGLT2 Inhibitor HFpEF Data: From Context to Clinical Pearls <i>Organised by Medscape supported with an unrestricted educational grant from Boehringer Ingelheim</i>
17:25	Hot Line - FIGARO-DKD / FIDELITY Analysis
18:10	Hot Line - APAF-CRT
18:40	Hot Line - DECAAF II
19:00	Add on to take back control: Combining lipid lowering therapies for the management of high and very high risk patients - <i>Sponsored by Daiichi Sankyo Europe</i>
19:30	Venous thromboembolism management in patients with cancer: From trials to clinical practice - <i>Sponsored by Bristol Myers Squibb and Pfizer</i>
20:15	The Day in Focus - <i>Exclusive for Members & FESC</i>

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

20:15	Atrial fibrillation: the role of risk markers
20:15	Transcriptomics and metabolomics to decipher cardiovascular disease
20:15	Cardiac computed tomography : from registries to new applications in coronary artery disease and beyond
20:15	Highlights from the Young in coronary artery disease
20:15	Best clinical cases in acute cardiac care - Best cases from the Young
20:15	COVID-19 insights from non-invasive imaging: what have we learned one year later ?
20:15	Risk factors for outcome in COVID-19
20:15	COVID and digital health
20:15	Acute heart failure: think long-term outcome !
20:15	New Insights into cardiovascular surgery
20:15	Diabetic metabolism and cardiovascular risk
20:15	Frontiers in prognostic research in hypertrophic cardiomyopathy

> TUTORIALS

Our traditional on-site Practical Tutorials have been revisited to accommodate interactive learning between technical and/or clinical experts in the field and delegates in a virtual classroom environment.

You can access them through our schedule overview in the online programme or directly through the virtual exhibition stand of the sponsor hosting the virtual Tutorials: Bristol Myers Squibb and Pfizer, GE Healthcare, Roche Diagnostics International and Servier.

> ACCESS THE RESEARCH GATEWAY

Book time to consult abstracts, clinical cases and latest science on demand. Interact and share with the presenters and your peers from all over the world.

All times in the programme are Central European Summer Time (CEST).

SATURDAY, 28 AUGUST

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

07:15	Syncope, bradycardia and pacemakers : details matter
07:15	Advances in atherosclerosis research
07:15	Hot topics in cardiac magnetic resonance
07:15	Chronic coronary syndromes: pathophysiology, treatment, and prognosis
07:15	Nightmare at the cath lab - Best cases from the Young
07:15	COVID-19 and acute coronary syndromes
07:15	e-Cardiology/digital health
07:15	Cutting-edge clinical investigations in heart failure
07:15	Highlights from the Young in Intervention
07:15	Burning questions for cardiovascular nursing and allied professions
07:15	Predicting outcomes in patients with infective endocarditis

> CHANNEL PROGRAMME

Channel 1 - COVID-19	Channel 2 - Late-Breaking Science	Channel 3 - Arrhythmias and Device Therapy
08:00 Late Breaking Trials - COVID-19	08:00 Late Breaking Trials in Hypertension	08:00 Atrial arrhythmias and anticoagulation: challenging clinical scenarios
09:30 Preventing and managing COVID-19 : where are we ?	09:30 Patient selection for Temporary Mechanical Circulatory Support : who benefits the most ? - Sponsored by ABIOMED	09:30 A new treatment option in HFrEF : How can we incorporate SGLT2 inhibitors into clinical practice ? - Sponsored by the Boehringer Ingelheim and Eli Lilly and Company Alliance
10:30 Enthusiasm vs. evidence for COVID-19 pharmacotherapies : what do we know and what have we learnt ? - Joint with the International Society of Cardiovascular Pharmacotherapy (ISCP)	09:30 Global burden of cardiovascular disease in women; 20/20 vision for 2030 : report of The Lancet commission	09:30 Treatment of asymptomatic patients with arrhythmic substrates : do benefits outweigh side effects ?
11:30 Patient's phenotype at the center of our clinical decisions in heart failure : mission (im)possible ? - Sponsored by SERVIER	10:30 Registries on Valve	10:30 Cardiac device infections : risks and prevention
12:00 Late-Breaking Science on Special Populations	11:30 Empagliflozin across the spectrum of ejection fraction in HF aggregate findings from the EMPEROR programme - Sponsored by Charité Friends & Sponsors Trust.	11:30 New options for LDL-C management in ASCVD - Sponsored by Novartis
13:00 What's next for your patients following a worsening HF event ? - Sponsored by Bayer AG	12:00 Highlights from NEJM - Joint with NEJM	12:00 Meet the Experts: risk calculators to predict sudden cardiac death in cardiomyopathies. A blessing in disguise ?
	13:00 Single-pill combinations (SPCs) first line in ESC/ESH 2018 guidelines for hypertensive patients : where do we stand 3 years later ? - Sponsored by Servier	13:00 Screening for atrial fibrillation: From risk prediction to detection and diagnosis to clinical outcomes - Sponsored by Bristol Myers Squibb and Pfizer
Channel 4 - Basic Science	Channel 5 - Coronary Artery Disease Acute Cardiac Care	Channel 6 - Heart Failure
08:00 Scientists of Tomorrow meet the scientists of today	08:00 Saving the ventricle in acute myocardial infarction with cardiogenic shock (AMICS): ventricular unloading debunked	08:00 Guidelines in Practice: management of a multimorbid patient with HFrEF
09:30 The Clock is Ticking: The Imminent Need to Re-evaluate Standard of Care in the 90-Day High-Risk Post-AMI Period - Sponsored by CSL Behring	09:30 Spontaneous coronary artery dissection in STEMI	09:30 Transcatheter options for the management of HF patients with MR or TR - the new ESC-HF & VHD guidelines - Sponsored by Edwards Lifesciences
9:30 Genetic variants and transcriptional regulators in cardiovascular disease	10:30 Trial Updates in ACS & PCI	10:30 Solutions for typical clinical problems to optimise drug therapy for heart failure
10:30 CRISPR/Cas9 gene editing for heart disease: ready for prime time ?	11:30 Why ZEUS ? Interleukin-6 as the next potential frontier in anti-inflammatory management of atherosclerotic cardiovascular disease - Sponsored by Novo Nordisk A/S	11:30 Tackling residual risk beyond LDL-c therapy : The emerging role of EPA & triglycerides - Sponsored by PACE-CME
11:30 Implantable cardiac devices: Where do we stand ? - Sponsored by Medtronic	12:00 Meet the Experts: cardiovascular catastrophes in critical care - advanced therapies in acute myocarditis and electrical storm	12:00 Hot off the press: latest updates on new therapeutic approaches to HFrEF
12:00 HFpEF : different mechanistic phenotypes require distinct therapeutic strategies	13:00 Getting to the heart of clinical inertia in the management of RAASi-related hyperkalaemia - Organised by CHANGE IME with an unrestricted educational grant from AstraZeneca	13:00 TAVI Update: Latest evidence leads to growing confidence in patient treatment - Sponsored by Medtronic
13:00 Guidelines in atrial fibrillation: application in clinical cases - Sponsored by Boehringer Ingelheim		

> CHANNEL PROGRAMME

Channel 7 - Cardiovascular Imaging	Channel 8 - Interventional Cardiology & CV Surgery, Stroke, PAD, Aortic Disease	Channel 9 - Preventive Cardiology, Special Populations	Channel 10 - Valvular, Myocardial, Pericardial, Pulmonary, Congenital Heart Disease	Channel 11 - Journal Sessions
08:00 Meet the Experts : cardiac magnetic resonance perfusion imaging	08:00 Great Debate: antithrombotic therapeutic dilemmas in PAD - dual antiplatelet or dual-pathway antithrombotic therapy ?	08:00 Guidelines in Practice : sports participation of athletes with coronary disease - finding the right balance	08:00 How should we treat pulmonary arterial hypertension: same old news or new therapies on the horizon ?	08:00 The EHJ's Year in Cardiovascular Medicine 2020 : epidemiology and prevention, ischaemic heart disease, acute coronary syndromes
09:30 Imaging heart failure with preserved ejection fraction	09:30 Preventing recurrent stroke : drugs and devices	09:30 Obstructive sleep apnoea (OSA) : what the cardiologist must know - <i>Joint with the European Respiratory Society (ERS)</i>	09:30 TAVI in bicuspid aortic valves: a challenge	09:30 The EHJ's Year in Cardiovascular Medicine 2020 : heart failure, valvular heart disease, imaging
10:30 Late Breaking Science in Imaging	10:30 Genetic aortic diseases: a deep dive on clinical presentation and management	10:30 Late Breaking Science in Prevention	10:30 Tricuspid valve regurgitation : treatments for the not so forgotten valve	10:30 Best of Cardiovascular Research
12:00 When echocardiography is not enough : multimodality imaging to the rescue	12:00 Great Debate: when less is more - options to reduce the risk of bleeding after PCI	12:00 Meet the Experts : the How-To of exercise prescription in cardiovascular disease	12:00 Sudden cardiac death in adult congenital heart disease (ACHD)	12:00 The Best of the ESC Journal Family : top cited papers in 2021
Channel 12 - Awards and Named Lectures	Channel 13 - Core Cardiology	Channel 14 - Cardiology Toolbox	Channel 15 - International Joint Sessions	
08:00 Young Investigator Awards Session in Coronary Pathophysiology and Microcirculation	08:00 Essentials in Prevention - 3 : Secondary Prevention and Sports Cardiology	08:00 Spiroergometry in clinical practice	08:00 Therapeutic interventions and risk of sudden cardiac death in structural heart disease - <i>Joint with the Brazilian Society of Cardiology (BSC)</i>	
09:30 ESC Paul Hugenoltz Lecture for Innovation and William Harvey Lecture on Basic Science	09:30 Essentials in Coronary Artery Disease - 1 : Contemporary Management of Acute and Chronic Coronary Syndromes	09:30 24-hour ambulatory blood pressure recordings in clinical practice	09:30 Prediction of sudden cardiac death : genetic testing, ECG, and imaging - <i>Joint with the Japanese Circulation Society (JCS)</i>	
10:30 Young Investigator Awards Session in Basic Science	10:30 Essentials in Arrhythmias - 1 : Advice for the Management of Malignant Arrhythmias	10:30 Diagnostic pearls of right heart catheterisation	10:30 Global perspectives on structural heart disease - <i>Joint with the Great Wall International Congress of Cardiology (GW-ICC)</i>	
12:00 Young Investigator Awards Session in Sudden Cardiac Death	12:00 Essentials in Heart Failure - 1 : Definition, Prevention, Diagnosis	12:00 Management of secondary hypertension	12:00 Management of heart failure in special populations - <i>Joint with the Cardiological Society of India (CSI)</i>	

SUNDAY, 29 AUGUST

> PRIME TIME PROGRAMME

14:00	Hot Line - TOMAHAWK
14:30	Hot Line - RIPCORD 2
15:00	The new decade in ASCVD - <i>Sponsored by Novartis</i>
15:30	2021 ESC Guidelines on cardiac pacing and cardiac resynchronisation therapy
16:50	Exploring the cardiorenal benefits of MR antagonism in CKD and T2D - <i>Sponsored by Bayer AG</i>
17:25	Hot Line - ACST-2
17:55	Hot Line - LOOP Study
18:25	Hot Line - SSaSS
19:00	SGLT2 inhibitors and heart failure in the cardiorenal spectrum - <i>Organised by CHANGE IME supported by an unrestricted educational grant from AstraZeneca</i>
19:30	SGLT2 inhibitors and heart failure in the cardiorenal spectrum - <i>Organised by CHANGE IME supported by an unrestricted educational grant from AstraZeneca</i>
20:15	The Day in Focus - <i>Exclusive for Members & FESC</i>

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

20:15	Inherited diseases and ventricular arrhythmias
20:15	Novel insights into arrhythmia mechanisms
20:15	Acute coronary syndromes: diagnosis, treatment, outcomes
20:15	COVID-19 and percutaneous intervention
20:15	COVID-19 and cardiovascular pharmacotherapy
20:15	Public health and health economics
20:15	New frontiers in devices and transplantation
20:15	Novel insight into thromboembolic stroke and transient ischemic attack
20:15	Highlights from the Young in risk factors revisited
20:15	Advances in congenital heart disease: learning from registries and advanced imaging

> TUTORIALS

Our traditional on-site Practical Tutorials have been revisited to accommodate interactive learning between technical and/or clinical experts in the field and delegates in a virtual classroom environment. You can access them through our schedule overview in the online programme or directly through the virtual exhibition stand of the sponsor hosting the virtual Tutorials: Bristol Myers Squibb and Pfizer, GE Healthcare, Roche Diagnostics International and Servier.

> ACCESS THE RESEARCH GATEWAY

Book time to consult abstracts, clinical cases and latest science on demand. Interact and share with the presenters and your peers from all over the world.

All times in the programme are Central European Summer Time (CEST).

SUNDAY, 29 AUGUST

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

07:15	Clinical questions: management of patients with atrial fibrillation
07:15	Novel insights into metabolic strategies to treat cardiovascular disease
07:15	I want to learn more about the most recent research results from multimodality imaging
07:15	Acute coronary syndromes pathophysiology and mechanisms : what's new ?
07:15	Novel therapies for heart failure in the early pipeline
07:15	Best of peripheral vascular and cerebrovascular disease
07:15	Rehabilitation and sports cardiology
07:15	Pulmonary arterial hypertension : risk stratification guides for new treatments and informed outcomes

> CHANNEL PROGRAMME

Channel 1 - Digital Health, Public Health, Health Economics	Channel 2 - Hypertension	Channel 3 - Arrhythmias and Device Therapy
08:00 Practical advice for digitally enabled patient follow-up : stay connected !	08:00 Meet the Experts : invasive treatment of hypertension	08:00 Meet the Experts : sudden cardiac death in the patient with an apparently normal heart
09:30 Modern Glycaemic Management to reduce CV risk in Diabetes - <i>Sponsored by Abbott Diabetes Care</i>	09:30 Precision medicine in the digital world : from data analytics to augmented reality - <i>Sponsored by Siemens Healthineers</i>	09:30 Managing recurring ICD shocks for ventricular tachyarrhythmias
9:30 Social media for the cardiologist	9:30 Meet the Experts: hypertension, atrial fibrillation and dementia	10:30 Tips and tricks in cardiac resynchronisation therapy -
10:30 Death is analogue : let's go digital	10:30 Hypertension and sudden cardiac death - <i>Joint with the European Society of Hypertension (ESH)</i>	11:30 Changing care delivery for coronary artery disease - <i>Sponsored by GE Healthcare</i>
11:30 Cardiac biomarkers are here to stay - <i>Sponsored by Roche Diagnostics International</i>	11:30 Iron deficiency as a therapeutic target in heart failure - new evidence, new guidelines - <i>Sponsored by Charité Friends & Sponsors Trust</i>	12:00 New methods for atrial fibrillation ablation: improving efficacy and safety
12:00 Great Debate : artificial intelligence in cardiology - a marriage made in heaven or hell ?	12:00 Meet the Experts: how to approach the combination of hypertension and atrial fibrillation	13:00 Potassium binding in heart failure management: Enabling guideline-recommended RAASi therapy - <i>Sponsored by PACE-CME</i>
13:00 A STEP forward : Weight loss and improved cardiovascular risk factors - <i>Sponsored by Novo Nordisk A/S</i>	13:00 The big picture of chronic coronary syndromes - Looking for optimal patient outcome - <i>Sponsored by Menarini Group</i>	
Channel 4 - Basic Science	Channel 5 - Coronary Artery Disease Acute Cardiac Care	Channel 6 - Heart Failure
08:00 RNA Therapeutics : from vaccination to regenerative medicine	08:00 Great Debate : rise of the machines ? - human vs. artificial intelligence for ECG interpretation	08:00 Everything you need to know about SGLT2 inhibitors in heart failure
09:30 Single cell biology and analysis : how to make sense of single cell data	09:30 Nonobstructive coronary artery disease : why bother ?	09:30 Meet the Experts : difficult decisions in advanced heart failure
10:30 What 's wrong with current models of cardiovascular disease ?	10:30 You only live twice : key resuscitation controversies in 2021	10:30 Advances in science in heart failure: what does the new decade hold for ventricular assist devices ?
11:30 Telehealth and Remote Patient Monitoring in Cardiology : from temporary adoption during pandemic to standard of care ? - <i>Sponsored by Siemens Healthineers</i>	11:30 New treatment option for acute Pulmonary Embolism patients : Percutaneous pulmonary embolectomy with a large-bore catheter system - First European Experience - <i>Sponsored by Inari Medical Europe GmbH</i>	11:30 Does HCM have the same pathways to Heart Failure? <i>Sponsored by Bristol Myers Squibb</i>
12:00 What does science teach us about life with genetic heart disease ?	12:00 Guidelines in Practice : acute pulmonary embolism	12:00 Valve interventions for heart failure: state of the art
13:00 Cardiovascular risk assessment and prevention: Where do we stand now ? - <i>Sponsored by Abbott</i>	13:00 The Global problem of Heart failure : options when drug therapy is not enough ? - <i>Sponsored by Abbott</i>	13:00 The Future of TAVI : How are the new 2021 ESC VHD guidelines changing management and treatment of patients with aortic stenosis - <i>Sponsored by Edwards Lifesciences</i>

> CHANNEL PROGRAMME

Channel 7 - Cardiovascular Imaging	Channel 8 - Interventional Cardiology & CV Surgery, Stroke, PAD, Aortic Disease	Channel 9 - Preventive Cardiology, Special Populations	Channel 10 - Valvular, Myocardial, Pericardial, Pulmonary, Congenital Heart Disease	Channel 11 - Journals Joint Sessions
08:00 Great Debate: is left ventricular dyssynchrony in imaging relevant for the selection of patients for cardiac resynchronization therapy ?	08:00 Antithrombotic therapy after TAVI	08:00 Meet the Experts : endurance training - is it all good news ?	08:00 Meet the Experts: intervention in primary mitral regurgitation	08:00 Circulation: the full spectrum - <i>Joint with Circulation</i>
09:30 Imaging for risk stratification of native valvular regurgitation	09:30 Saving lives: STEMI and cardiogenic shock	09:30 Management of risk factors in the elderly - <i>Joint with the Argentine Society of Cardiology (ASC)</i>	09:30 NOACs in adult congenital heart disease: show me the evidence ! - <i>Joint with the International Society for Adult Congenital Heart Disease (ISACHD)</i>	09:30 The Lancet - Focus on Hypertension 2021 - <i>Joint with The Lancet</i>
10:30 Late Breaking Science in Artificial Intelligence & Digital Health	10:30 Evolving frontiers for coronary artery disease	10:30 Cardiac biomarkers for atherosclerotic cardiovascular disease risk prediction	10:30 Fontan-associated liver disease - <i>Joint with the Association for European Paediatric Cardiology (AEPC)</i>	10:30 JACC Global burden of cardiovascular disease: the changing dynamics of CVD - <i>Joint with JACC</i>
12:00 Great Debate: post-ISCHEMIA and SCOT-HEART - anatomy is all we need for risk stratification and treatment	12:00 When coronary angiography is not enough: morphology or physiology ?	12:00 Preventing sudden cardiac death in young athletes	12:00 Managing multivalve disease: decision dilemmas	12:00 Highlights of JAMA Cardiology Publications 2020-2021 - <i>Joint with JAMA Cardiology</i>

Channel 13 - Core Cardiology	Channel 14 - Cardiology Toolbox	Channel 15 - International Joint Sessions
08:00 Essentials in Coronary Artery Disease - 2 : Personalised Decisions in Difficult Scenarios	08:00 Extracorporeal cardiopulmonary resuscitation (ECPR) in action : lessons from the experts	08:00 Epidemiology and investigation of sudden cardiac death in the young - <i>Joint with the Cardiac Society of Australia and New Zealand (CSANZ)</i>
09:30 Essentials in Arrhythmias - 2 : A Structured Approach to Managing Atrial Fibrillation	09:30 Chest X-ray and lung ultrasound for the cardiologist	09:30 Sudden cardiac death in Asia - <i>Joint with the Korean Society of Cardiology (KSC)</i>
10:30 Essentials in Heart Failure - 2 : Therapeutic Targets	10:30 Coronary complications and how to fix them	10:30 Myocardial adaptation and maladaptation in failing heart - <i>Joint with the Japanese Circulation Society (JCS) - Young Community</i>
	12:00 LDL lowering - dealing with difficult situations	12:00 Primary prevention guidelines : a comparison between the Chinese Society of Cardiology and the European Society of Cardiology - <i>Joint with the Chinese Society of Cardiology (CSC)</i>

MONDAY, 30 AUGUST

> PRIME TIME PROGRAMME

14:00	Hot Line - IAMI
14:30	Hot Line - PRONOUNCE
15:00	Anticoagulation in Transcatheter Aortic Valve Implantation in Patients with Atrial Fibrillation : Results from ENVISAGE-TAVI AF trial. - <i>Sponsored by Daiichi Sankyo Europe GmbH</i>
15:30	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice
16:50	Hypertension-How and Why Should We Use Single-Pill Combinations in Practice - <i>Organised by MedscapeLive - Supported by an unrestricted educational grant from Sanofi</i>
17:25	Hot Line - STEP Study
17:55	Hot Line - Amulet IDE
18:25	Hot Line - STOPDAPT-2 ACS
19:00	LDL-C management in ACS: Time to Act - <i>Sponsored by Amgen</i>
19:30	Dyslipidemia Challenge - Closing the Gap Between Guidelines and Clinical Practice - <i>Organised by Medscape Live with an unrestricted educational grant from Sanofi</i>
20:15	The Day in Focus - <i>Exclusive for Members & FESC</i>

> LIVE ABSTRACT PRESENTATIONS & DISCUSSIONS

20:15	Inherited diseases and ventricular arrhythmias
20:15	Novel insights into arrhythmia mechanisms
20:15	Acute coronary syndromes: diagnosis, treatment, outcomes
20:15	COVID-19 and percutaneous intervention
20:15	COVID-19 and cardiovascular pharmacotherapy
20:15	Public health and health economics
20:15	New frontiers in devices and transplantation
20:15	Novel insight into thromboembolic stroke and transient ischemic attack
20:15	Highlights from the Young in risk factors revisited
20:15	Advances in congenital heart disease: learning from registries and advanced imaging

> TUTORIALS

Our traditional on-site Practical Tutorials have been revisited to accommodate interactive learning between technical and/or xclinical experts in the field and delegates in a virtual classroom environment. You can access them through our schedule overview in the online programme or directly through the virtual exhibition stand of the sponsor hosting the virtual Tutorials: Bristol Myers Squibb and Pfizer, GE Healthcare, Roche Diagnostics International and Servier.

> ACCESS THE RESEARCH GATEWAY

Book time to consult abstracts, clinical cases and latest science on demand. Interact and share with the presenters and your peers from all over the world.

All times in the programme are Central European Summer Time (CEST).

MONDAY, 30 AUGUST

ESC CONGRESS 2021

THE DIGITAL EXPERIENCE
27 - 30 August

www.escardio.org/ESC2021
#ESCCongress