An update on cardiovascular prevention
26 Aug 09:00 - 10:30
Prevention - Interventions and outcomes
Symposium, General Cardiology for Physicians, Technicians and General Practitioners, Today on ESC TV
“Lonely Hearts” are not reality: cardiac disease and comorbidities.
Pavel SVITIL (Jihlava, Czech Republic)

Poster session 1: Hypertension treatment (drugs and devices)
26 Aug 11:00 - 16:00
Miscellaneous
Renal denervation in comparison to intensified pharmacotherapy in true resistant hypertension. Two-year outcomes of randomised PRAGUE-15 study.
Jan ROSA (Praha 2, Czech Republic)

Poster session 1: Catheter ablation
26 Aug 11:00 - 16:00
Miscellaneous
Comparison of computed tomography of the left atrium with and without ECG gating before atrial fibrillation catheter ablation - a prospective, randomized, double-blind study
Tomas SKALA (Olomouc, Czech Republic)
Comparison of adenosine-mediated pulmonary vein dormant conduction absence and presence with its subsequent elimination in atrial fibrillation recurrence rate after catheter ablation
Tomas SKALA (Olomouc, Czech Republic)

Poster session 1: Stable CAD
26 Aug 11:00 - 16:00
Miscellaneous
Should the treatment of patients with established coronary heart disease and hyperglycaemia be extended by a random administration of antidiabetics?
Jan BRUTHANS (Praha 4, Czech Republic)
Heart and brain interaction
26 Aug  11:00 - 12:30
Prevention - Epidemiology
Symposium, Vilnius - Village 4
Heart and brain similarities
Petr WIDIMSKY (Prague, Czech Republic)

**Poster session 1: Carotid disease and stroke**
26 Aug  11:00 - 16:00
Miscellaneous
Comparison of outcomes of acute stroke patients with isolated middle cerebral artery occlusion versus terminal internal carotid artery (T-type) occlusion treated with endovascular intervention
Jana VAVROVA (Praha 10, Czech Republic)

Cardiovascular development, anatomy and pathology
26 Aug  11:00 - 12:30
Cardiovascular development, anatomy and pathology
Rapid Fire Abstract
Picasso - The Hub
The anatomical characterization of the mouse coronary and septal arteries with confocal microscopy
Wan Chin HSIEH (Prague, Czech Republic)

Biomarkers in acute coronary syndromes
26 Aug  11:00 - 12:30
ACS - NSTEMI
Rapid Fire Abstract
Agora 1 - Agora
The highest predictive value of neuron-specific enolase for clinical outcomes in cardiac arrest survivors is on day 3 and day 4 after collapse: results from a prospective study.
Dagmar VONDRAKOVA (Prague, Czech Republic)

Poster session 1: Cardiomyopathy
26 Aug  11:00 - 16:00
Miscellaneous
Significance of the viral presence in the myocardium on left ventricular systolic function and prognosis in recent onset dilated cardiomyopathy
Jan Krejci (Prague 4, Czech Republic)

Large inter-laboratory variability in the assessment of the presence of viral genomes in endomyocardial biopsies in patients with recently diagnosed dilated cardiomyopathy
Tomas Palecek (Prague 2, Czech Republic)

The brain in hypertension
26 Aug 12:35 - 13:25
Hypertension - Pathophysiology and haemodynamics
Moderated Posters
Chairpersons: Renata Cifkova (Prague, Czech Republic)

How to measure blood pressure
26 Aug 13:30 - 15:00
Hypertension - Diagnosis and assessment
Symposium, Mobile App - Ask a Question
Astana - Village 2
Chairpersons: Renata Cifkova (Prague, Czech Republic), Giuseppe Mancia (Milano, Italy)

Rare but not so rare! - How to spot the signs of Fabry disease and act in time
26 Aug 15:30 - 17:00
Cardiomyopathies - Satellite Symposium
Podgorica - Village 6
Prompt treatment initiation for a long-lasting effect.
Ales Linhart (Prague, Czech Republic)

Dilemmas in coronary interventions
27 Aug 07:30 - 08:15
Invasive coronary imaging and functional coronary imaging
Cardiology@breakfast, Spotlight of the Congress
Dali - The Hub
Role of coronary imaging in multivessel diseases
Petr Kala (Brno, Czech Republic)

Career counselling - Be proactive and listen to the champions
27 Aug 07:30 - 08:15
Cardiology detectives: arrhythmia and cardiac imaging quiz
27 Aug  08:30 - 10:00
Image processing and imaging standards
Special Session, Cardiologists of Tomorrow, Mobile App - Vote and Ask a Question
Gaudi - The Hub
Chairpersons: Josef KAUTZNER (Prague, Czech Republic), Konstantin A KRYCHTIUK (Vienna, Austria)
ECG in the intensive care unit: fast and furious
Petr PEICHL (Prague, Czech Republic)

What cardiologists need to know about stroke
27 Aug  08:30 - 10:00
Stroke
Symposium, Association/Council Highlight, Mobile App - Ask a Question
Luxembourg - Village 6
Interventional cardiology procedures in stroke prevention (LAAO, PFOO)
Petr WIDIMSKY (Prague, Czech Republic)

Poster session 2: ICD
27 Aug  08:30 - 12:30
Miscellaneous
Safety and effectiveness of endovasal lead extraction in patients with bacterial endocarditis: the olomouc lead extraction study.
Milos TABORSKY (Olomouc, Czech Republic)

Poster session 2: Coronary artery disease: from bench to bedside
27 Aug  08:30 - 12:30
Miscellaneous
Immune-inflammatory response after bioresorbable vascular scaffold implantation in patients with acute myocardial infarction with ST elevation in a long-term perspective.
Martin KOZEL (Prague, Czech Republic)
Ventricular arrhythmias: Improved treatment and risk prediction
27 Aug 10:05 - 10:55
Ventricular arrhythmias
Moderated Posters
Chairpersons: Josef KAUTZNER (Prague, Czech Republic)

Cardiomyopathy in Fabry disease
27 Aug 10:05 - 10:55
Cardiomyopathies
Moderated Posters
Prompt initiation of agalsidase alfa therapy is associated with improved cardiovascular outcomes in the Fabry Outcome Survey
Ales LINHART (Prague, Czech Republic)

Complications after cardiac interventions
27 Aug 10:05 - 10:55
PCI - Procedural complications
Moderated Posters, Spotlight of the Congress
Chairpersons: Petr KALA (Brno, Czech Republic), Goran STANKOVIC (Belgrade, Serbia)

Evolution and current status of 3D transesophageal echocardiography diagnosis, illustrated by clinical cases
27 Aug 11:00 - 12:00
Miscellaneous
Hands-On Tutorials
Hands-On Room 5 - Exhibition
Chairpersons: Josef NECAS (Brno, Czech Republic), Sylva KOVALOVA (Brno, Czech Republic)

Problem solved: challenging situations in the Cath Lab
27 Aug 11:00 - 12:30
PCI - Procedural complications
Clinical Cases, Spotlight of the Congress
Gaudi - The Hub
Acute clopidogrel-induced myelodysplastic syndrome after elective PCI
Eva GANOVSKA (Brno, Czech Republic)
Posters:

**Poster session 3: Atrial fibrillation ablation**
27 Aug 14:00 - 18:00

Early and delayed alteration of local atrial electrograms around single radiofrequency ablation lesion
Stepan HAVRANEK (Prague, Czech Republic)

**Poster session 3: Pulmonary hypertension: pathophysiology**
27 Aug 14:00 - 18:00

Contribution of right ventricular deformation analysis to screening of pulmonary hypertension in patients with systemic sclerosis and mixed connective tissue disease
Jan LATAL (Olomouc, Czech Republic)

**Poster session 3: Hypertension and basic science**
27 Aug 14:00 - 18:00

Screening for sleep apnoea in patients with resistant hypertension using microRNAs: preliminary report
Jan NOVAK (Brno, Czech Republic)

**Poster session 3: Acute cardiac care**
27 Aug 14:00 - 18:00

Mortality benefit of primary transportation to PCI capable centre persists through eight-year follow-up in patients with ST-segment elevation myocardial infarction.
Abdulwasya ALMAWIRI (Hradec Kralove, Czech Republic)

Prognosis prediction in cardiac arrest survivors remaining comatose more than four days after collapse: results from a prospective registry
Petr OSTADAL (Prague, Czech Republic)
Multimodal approach to the prediction of short- and long-term prognosis in cardiac arrest survivors: results from a prospective registry.

Dagmar VONDRAKOVA (Prague, Czech Republic)

Long-term outcomes of patients treated with mini-invasive mechanical circulatory support for cardiogenic shock or refractory cardiac arrest

Petr OSTADAL (Prague, Czech Republic)

**Coronary revascularisation: what is next?**
27 Aug 14:00 - 15:30
Invasive coronary imaging and functional coronary imaging
Symposium, Mobile App - Ask a Question
Luxembourg - Village 6

**Chairpersons:** Cindy GRINES (Manhasset, United States of America), Petr KALA (Brno, Czech Republic)

**Best Clinical Cases - Awards session**
27 Aug 14:00 - 15:30
Miscellaneous
Clinical Cases
Gaudi - The Hub

**Chairpersons:** Michal PAZDERNIK (Praha, Czech Republic), Maddalena LETTINO (Milano, Italy)

**Hypertension pathophysiology**
27 Aug 15:35 - 16:25
Hypertension - Pathophysiology and haemodynamics
Moderated Posters

**Chairpersons:** Renata CIFKOVA (Prague, Czech Republic)

**Mechanical circulatory support and heart transplantation**
27 Aug 15:35 - 16:25
CHF - Transplantation
Moderated Posters

**Permanent pacing after heart transplantation: factors associated with its need**
Katerina LEFFLEROVA (Praha 4, Czech Republic)

**Impact of concomitant disease on coronary artery disease**
27 Aug 16:30 - 18:00
CAD and comorbidities
Rapid Fire Abstract
Agora 1 - Agora

Insights to patophysiology and risk factors of cardiac allograft vasculopathy: A prospective study using highly automated coronary optical coherence tomography segmentation software in 3D
Michal PAZDERNIK (Praha, Czech Republic)

Evolution and current status of 3D transesophageal echocardiography diagnosis, illustrated by clinical cases
27 Aug 17:00 - 18:00
Miscellaneous
Hands-On Tutorials
Hands-On Room 5 - Exhibition
Chairpersons: Josef NECAS (Brno, Czech Republic), Sylva KOVALOVA (Brno, Czech Republic)

Poster session 4: Myocarditis
28 Aug 08:30 - 12:30
Miscellaneous

Role of endomyocardial biopsy in differential diagnosis of the non-ischemic causes of recently developed left ventricular systolic dysfunction.
Renata AIGLOVA (Olomouc, Czech Republic)

Unusual coronary pathology: what to do
28 Aug 08:30 - 10:00
PCI - Devices and technique
Expert Advice, Mobile App - Ask a Question, Spotlight of the Congress
Luxembourg - Village 6
Coronary anomalies and fistulae.
Viktor KOCKA (Praha 6 - Brevnov, Czech Republic)

Posters session 4: PCI - Procedural complications
28 Aug 08:30 - 12:30
Miscellaneous

Genetic variations associated with increased bleeding risk may improve the pre-procedural bleeding risk stratification: an analysis of polymorphisms of key platelet receptors
Magdalena SIONOVA (Prague, Czech Republic)
**Poster session 4: Cardiovascular Magnetic Resonance: cardiomyopathy**

28 Aug 08:30 - 12:30

Miscellaneous

Cardiac magnetic resonance including T1 mapping in patients with Duchenne and Becker muscular dystrophy.

Roman PANOVSKY (Brno, Czech Republic)

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**Poster session 4: Acute heart failure (AHF)**

28 Aug 08:30 - 12:30

Miscellaneous

GDF-15 augments BNP-based risk prediction in patients with chronic systolic heart failure and kidney disease

Jan BENES (Praha 4- Michle, Czech Republic)

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**Poster session 4: Cardiovascular surgery**

28 Aug 08:30 - 12:30

Miscellaneous

Incidence, predictors, and prognostic values of periprocedural myocardial injury in patients undergoing transcatheter aortic valve implementation for aortic stenosis: a meta-analysis

Wan Chin HSIEH (Prague, Czech Republic)

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**Ventricular function and haemodynamics**

28 Aug 10:05 - 10:55

Ventricular function / haemodynamics

Moderated Posters

Right versus left ventricular remodeling in chronic heart failure induced by volume overload: invasive pressure-volume and myocardial proteome comparative analysis

Tereza HAVLENOVA (Praha, Czech Republic)

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**Cable-free, hassle-free? What is the benefit of leadless technologies for pacing, defibrillation and CRT?**

28 Aug 11:00 - 12:30

Anti-bradycardia pacing

Symposium

Skopje - Village 5

Leadless cardiac pacing: technologies and recent data

Petr NEUZIL (Praha, Czech Republic)
Evolution and current status of 3D transesophageal echocardiography diagnosis, illustrated by clinical cases
28 Aug 12:30 - 13:30
Miscellaneous
Hands-On Tutorials
Hands-On Room 5 - Exhibition
Chairpersons: Josef NECAS (Brno, Czech Republic), Sylva KOVALOVA (Brno, Czech Republic)

Stroke prevention in atrial fibrillation (AF) and beyond – Current guidelines and evolving concepts
28 Aug 12:45 - 13:45
Stroke
Satellite Symposium
Spotlight Stage - Spotlight Stage
Chairpersons: Hans-Christoph DIENER (Essen, Germany), Petr WIDIMSKY (Prague, Czech Republic)

Poster session 5 : Cardiomyopathy
28 Aug 14:00 - 18:00
Miscellaneous
Sleep apnea diagnosis by using polysomnography may improve individual risk stratification in patients with hypertrophic cardiomyopathy
Tomas KARA (Brno, Czech Republic)

Poster session 5 : Comorbidities and mortalities
28 Aug 14:00 - 18:00
Miscellaneous
Atrial fibrillation may result in decreased local cerebral perfusion.
Martin BLAHA (Prague, Czech Republic)

Poster session 5 : Chronic heart failure (CHF)
28 Aug 14:00 - 18:00
Miscellaneous
Prognostic impact of new humoral substances in chronic heart failure
Lenka SPINAROVA (Brno, Czech Republic)

Poster session 5 : Bleeding and LAA occlusion
Long-term evaluation of safety and efficiency of left atrial appendage (LAA) occlusion
Veronika LEKESOVA (Praha 5, Czech Republic)

Dilated cardiomyopathy: the clinical relevance of genetic assessment
28 Aug  14:00 - 15:30
Cardiomyopathies
Advances in Science
Rabat - Village 7
Comparison of genetic signature of isolated left ventricular non-compaction cardiomyopathy and familial dilated cardiomyopathy as assessed by whole exome sequencing.
Milos KUBANEK (Prague, Czech Republic)

Tailored antiplatelet therapy in PCI
28 Aug  14:00 - 15:30
PCI - Adjunctive drug therapy
Meet the Experts, Mobile App - Ask a Question
Luxembourg - Village 6
Patient with a bleeding complication three weeks after DES implantation.
Petr KALA (Brno, Czech Republic)

Evolution and current status of 3D transesophageal echocardiography diagnosis, illustrated by clinical cases
28 Aug  15:30 - 16:30
Miscellaneous
Hands-On Tutorials
Hands-On Room 5 - Exhibition
Chairpersons: Josef NECAS (Brno, Czech Republic), Sylva KOVALOVA (Brno, Czech Republic)

Innovations in hypertension management and devices
28 Aug  16:30 - 18:00
Hypertension : Device treatment and intervention
Rapid Fire Abstract, Spotlight of the Congress
Agora 2 - Agora

**Chairpersons:** Anthony HEAGERTY (Manchester, United Kingdom), Milos TABORSKY (Olomouc, Czech Republic)

Adrenal venous sampling in primary aldosteronism: cosyntropin infusion increases the success rate of the procedure but can mask the lateralization of aldosterone secretion.

Miroslav SOLAR (Hradec Kralove 5, Czech Republic)

Early morphologic alterations in renal artery wall and renal nerves in response to catheter-based renal denervation procedure in sheep: difference between single-point and multiple-point ablation.

Milos TABORSKY (Olomouc, Czech Republic)

Long term effect of transvenous carotid body ablation in the treatment of patients with resistant hypertension

Petr NEUZIL (Praha, Czech Republic)

**Poster session 6 : Cardiomyopathies**

29 Aug 08:30 - 12:30

The utility of simplified apical 4-chamber view evaluation of relative apical sparing of longitudinal strain in diagnosing AL amyloid cardiomyopathy

Michal FIKRLE (Pelhrimov, Czech Republic)

**Poster session 6 : Vascular diseases - 2**

29 Aug 08:30 - 12:30

Near-infrared spectroscopic assessment of carotid plaque in diabetic versus non-diabetic patients undergoing carotid stenting

Cyril STECHOVSKY (Prague, Czech Republic)

Near-infrared spectroscopy analysis of the carotid artery plaque composition based on the distribution of shear stress

Martin HORVATH (Prague, Czech Republic)

**New ESC Clinical Practice Guidelines 2016/2017 - Clinical cases put into perspective**

29 Aug 08:30 - 10:00

Guidelines in Daily Practice, Education, Mobile App - Vote and Ask a Question

Goya - The Hub

Doubts with long-term DAPT after STEMI? What do new Guidelines/consensus documents teach us? Case

Michal PAZDERNIK (Praha, Czech Republic)
Poster session 6 : Risk estimation in high risk individuals
29 Aug 08:30 - 12:30
Miscellaneous
Predicators and case fatality rate of perioperative major cardiovascular events in cardiac patients undergoing non-cardiac surgery.
Zuzana MOTOVSKA (Prague, Czech Republic)

Unique situations in the management of ventricular arrhythmias - Finding shelter from the storm
29 Aug 11:00 - 12:30
Ventricular arrhythmias
Clinical Cases
Gaudi - The Hub
Chairpersons: Jiří PLASEK (Ostrava, Czech Republic)

Bringing STEMI guidelines to the bedside
29 Aug 11:00 - 12:30
ACS - NSTEMI
Guidelines in Daily Practice, Mobile App - Vote and Ask a Question
Bucharest - Village 8
STEMI and cardiogenic shock - What do the guidelines say?
Petr WIDIMSKY (Prague, Czech Republic)

Poster session 7 : CAD and comorbidities
29 Aug 14:00 - 18:00
Miscellaneous
Trends in the treatment and outcomes of elderly patients with acute coronary syndrome: Results from the CZECH registries
Petr TOUSEK (Prague, Czech Republic)

Poster session 7 : Primary and acute PCI
29 Aug 14:00 - 18:00
Miscellaneous
Selective coronary angiography, percutaneous coronary intervention and asymptomatic periprocedural myocardial injury
Martin GRIVA (Kromeriz, Czech Republic)
Best Posters 7: Best Posters in advanced heart failure
29 Aug  14:00 - 18:00
Miscellaneous
Levels of various microRNAs are altered in endomyocardial biopsies during acute cellular rejection in patients after heart transplantation.
Jan NOVAK (Brno, Czech Republic)

Fighting sudden cardiac death: challenges and new strategies
29 Aug  14:00 - 15:30
Sudden cardiac death
Symposium, Association/Council Highlight, Today on ESC TV
Skopje - Village 5
The burden of SCD across Europe: the EHRA perspective
Josef KAUTZNER (Prague, Czech Republic)

Poster session 7 : Echo in arrhythmia
29 Aug  14:00 - 18:00
Miscellaneous
Transoesophageal echocardiography findings in young patients with cryptogenic ischemic stroke
Marketa JECMENOVA (Brno, Czech Republic)

Evolution and current status of 3D transoesophageal echocardiography diagnosis, illustrated by clinical cases
29 Aug  14:00 - 15:00
Miscellaneous
Hands-On Tutorials
Hands-On Room 5 - Exhibition
Chairpersons: Josef NECAS (Brno, Czech Republic), Sylva KOVALOVA (Brno, Czech Republic)

Clinically important aspects of cardiomyopathy
29 Aug  16:30 - 18:00
Cardiomyopathies
Symposium, Mobile App - Ask a Question
Valetta - Village 5
Rare treatable cardiomyopathies - Current knowledge
Ales LINHART (Prague, Czech Republic)
Peripheral arterial diseases.

Petr WIDIMSKY (Prague, Czech Republic)