

TOPIC LIST ESC CONGRESS 2017

SPOTLIGHT "40 years of PCI"

1. ARRHYTHMIAS / PACING / RESYNCHRONISATION

Arrhythmias / Pacing / Resynchronisation

- 01.01 - Mechanisms and pathophysiology
- 01.02 - Genetics
- 01.03 -
 - Electrocardiography/cardioversion/defibrillation
- 01.04 - Non invasive diagnostic methods
- 01.05 - Invasive diagnostic methods
- 01.06 - Atrial fibrillation (AF)
- 01.07 - Supraventricular arrhythmias (excluding AF)
- 01.08 - Ventricular arrhythmias
- 01.09 - Sudden cardiac death
- 01.10 - Syncope
- 01.11 - Drug treatment
- 01.12 - Catheter ablation
- 01.13 - Antibradycardia pacing
- 01.14 - Implantable cardioverter / defibrillator
- 01.15 - Cardiac resynchronisation therapy
- 01.16 - Home and remote monitoring

2. HEART FAILURE (CHRONIC & ACUTE)

Chronic Heart Failure (CHF)

- 02.01 - Pathophysiology and mechanisms
- 02.02 - Cardiotoxicity of drugs
- 02.03 - Ventricular function / haemodynamics
- 02.04 - Diastolic dysfunction
- 02.05 - CHF - Assessment and diagnosis
- 02.06 - CHF - Drug treatment
- 02.07 - CHF - Non pharmacological treatment
- 02.08 - CHF - Transplantation
- 02.09 - CHF - Epidemiology, prognosis and outcome
- 02.10 - CHF - Peripheral circulation, metabolism and skeletal muscle

Acute Heart Failure (AHF)

- 02.11 - AHF - Assessment and diagnosis
- 02.12 - AHF - Drug treatment
- 02.13 - AHF - Epidemiology, prognosis and outcome
- 02.14 - AHF - Non pharmacological treatment
- 02.15 - Heart failure, other

3. VALVULAR DISEASE / PULMONARY CIRCULATION / MYOCARDIAL-PERICARDIAL DISEASE / CONGENITAL HEART DISEASE AND PAEDIATRIC CARDIOLOGY

Valvular disease

- 03.01 - Aortic valve disease
- 03.02 - Mitral valve disease
- 03.03 - Tricuspid valve disease
- 03.04 - Endocarditis
- 03.05 - Rheumatic heart disease

- 03.06 - Valvular disease, other

Pulmonary circulation

- 03.07 - Acute pulmonary embolism
- 03.08 - Chronic pulmonary hypertension
- 03.09 - Pulmonary circulation, other

Myocardial-Pericardial disease

- 03.10 - Cardiomyopathies
- 03.11 - Myocarditis
- 03.12 - Pericardial and myocardial disease
- 03.13 - Tumors of the heart
- 03.14 - Infectious, parasitic and nutritional diseases of the heart

Congenital heart disease / Paediatric cardiology

- 03.15 - Grown up congenital heart disease
- 03.16 - Paediatric cardiology, other
- 03.17 - Foetal cardiology and intervention
- 03.18 - Pregnancy and heart disease

4. CORONARY ARTERY DISEASE / ACUTE CORONARY SYNDROMES and ACUTE CARDIAC CARE

Coronary Artery Disease (CAD)

- 04.01 - CAD - Thrombosis and coagulation
- 04.02 - CAD - Inflammation and immunity
- 04.03 - CAD - Microcirculation and collaterals
- 04.04 - CAD and comorbidities
- 04.05 - Ischaemia, experimental studies
- 04.06 - Stable coronary artery disease

Acute Coronary Syndromes (ACS)

- 04.07 - ACS - Unstable angina
- 04.08 - ACS - NSTEMI
- 04.09 - ACS - STEMI
- 04.10 - ACS - Post infarction period
- 04.11 - ACS - Adjunctive medical therapy
- 04.12 - ACS - Platelets, antithrombotic agents and thrombolysis

Acute cardiac care (ACC)

- 04.13 - ACC - Resuscitation
- 04.14 - Prehospital cardiac care
- 04.15 - ACC - CCU, intensive and critical cardiovascular care

5. INTERVENTIONS / PERIPHERAL CIRCULATION / STROKE / SURGERY

Interventional cardiology

- 05.01 - Invasive coronary imaging and functional coronary imaging
- 05.02 - PCI - Devices and technique
- 05.03 - PCI - Procedural complications
- 05.04 - PCI - Primary and acute PCI
- 05.05 - PCI - Restenosis
- 05.06 - PCI - Long-term outcome
- 05.07 - PCI - Adjunctive drug therapy
- 05.08 - Aortic valve interventions
- 05.09 - Mitral valve interventions
- 05.10 - Tricuspid valve interventions
- 05.11 - Non coronary cardiac interventions, other

- 05.12 - Aortic disease
- 05.13 - Carotid disease

Peripheral circulation / stroke

- 05.14 - Stroke
- 05.15 - Peripheral artery disease - Pathophysiology, epidemiology, diagnosis
- 05.16 - Peripheral artery disease - Drug treatment
- 05.17 - Peripheral artery disease - Interventions

Cardiovascular surgery

- 05.18 - Cardiovascular surgery - Coronary arteries
- 05.19 - Cardiovascular surgery - Valves
- 05.20 - Cardiovascular surgery - Aortic, peripheral arterial and venous surgery
- 05.21 - Cardiovascular surgery - Circulatory assist and other

6. PREVENTION / REHABILITATION / SPORTS / NURSING

Prevention and rehabilitation

- 06.01 - Prevention - Epidemiology
- 06.02 - Prevention - Lipids
- 06.03 - Prevention - Tobacco
- 06.04 - Prevention - Metabolic syndrome, obesity and nutrition
- 06.05 - Prevention - Interventions and outcomes
- 06.06 - Cardiovascular rehabilitation - Interventions and outcomes

Cardiovascular risk assessment

- 06.07 - Risk assessment - Risk factors and scores
- 06.08 - Risk assessment - Biomarkers
- 06.09 - Risk assessment - Imaging

Diabetes, metabolic syndromes

- 06.10 - Diabetes and the heart
- 06.11 - Exercise testing and training
- 06.12 - Sports cardiology

Nursing and primary care / Allied health professionals

- 06.13 - Cardiovascular disease in primary care
- 06.14 - Heart disease - Environmental, psycho-social, cultural, occupational factors
- 06.15 - Age, elderly and cardiovascular disease
- 06.16 - Acute nursing care
- 06.17 - Chronic nursing care
- 06.18 - Public health and health policy

7. HYPERTENSION / CARDIOVASCULAR PHARMACOLOGY

Hypertension

- 07.01 - Hypertension - Pathophysiology and haemodynamics
- 07.02 - Hypertension - Diagnosis and assessment
- 07.03 - Hypertension - Drug treatment
- 07.04 - Hypertension - Device treatment and intervention
- 07.05 - Hypertension, other

Pharmacology and pharmacotherapy

- 07.06 - Cardiovascular drug therapy
- 07.07 - Cardiovascular pharmacology other

8. BASIC SCIENCE

Cardiovascular system (patho)physiology

- 08.01 - Cardiovascular development, anatomy and pathology
- 08.02 - Cardiovascular physiology
- 08.03 - Cardiovascular biology and senescence

Cardiac cellular biology

- 08.04 - Cellular Biology - Stem cells and cell therapy
- 08.05 - Cellular Biology - Metabolism and metabolic syndromes
- 08.06 - Cellular Biology - Ischaemia and protection
- 08.07 - Cellular Biology - Hypertrophy, cell cycle and apoptosis
- 08.08 - Cellular Biology - Growth factors, neurohormones and signal transduction
- 08.09 - Cellular Biology - Excitation-contraction coupling and contractile remodelling
- 08.10 - Cellular Biology - Ion channels and electrophysiology
- 08.11 - Cellular Biology - Other

Vascular biology

- 08.12 - Vascular Biology - Angiogenesis
- 08.13 - Vascular Biology - Lipids
- 08.14 - Vascular Biology - Atherosclerosis
- 08.15 - Vascular Biology - Endothelial function and the microcirculation
- 08.16 - Vascular Biology - Inflammation, growth factors and signal transduction
- 08.17 - Vascular Biology - Remodelling
- 08.18 - Vascular Biology - Platelets
- 08.19 - Vascular Biology - Other

Genetics and gene therapy

- 08.20 - Genetics and gene therapy

Basic Science other

- 08.21 - Basic Science other

9. CARDIAC IMAGING / E-TECHNOLOGY

Nuclear cardiology, CMR and CT

- 09.01 - Nuclear Cardiology (SPECT and PET)
- 09.02 - Cardiovascular Magnetic Resonance (CMR)
- 09.03 - Computed Tomography (CT)

Echocardiography / Doppler

- 09.04 - Echocardiography – Myocardium, tissue characterization, echo-contrast
- 09.05 - Echocardiography - Valvular heart disease
- 09.06 - Echocardiography – Ventricular and atrial function
- 09.07 - Echocardiography - Stress testing
- 09.08 - Echocardiography - 3D and post-processing
- 09.09 - Echocardiography - Surgery and cardiac interventions
- 09.10 - Echocardiography - Other
- 09.11 - Imaging - Hybrid
- 09.12 - Imaging, other

e-Technology

- 09.13 - Image processing and imaging standards
- 09.14 - Cardiovascular signal processing
- 09.15 - Remote patient monitoring and telemedicine
- 09.16 - Computer modelling and simulation
- 09.17 - Big data analysis
- 09.18 - m-Health technology and applications
- 09.19 - e-Cardiology other