TOPIC LIST ESC CONGRESS 2013 - Spotlight 2013: 'The heart interacting with systemic organs'

1. Arrhythmias

Arrhythmias / Pacing / Resynchronisation

1.01 Mechanisms of arrhythmias
1.02 Genetic aspects of arrhythmias
1.03 Electrocardiography
1.04 Non invasive studies
1.05 Invasive electrophysiological studies
1.06 Atrial fibrillation (AF)
1.07 Supraventricular arrhythmias (excluding AF)
1.08 Ventricular arrhythmias
1.09 Sudden death / resuscitation
1.10 Syncope
1.11 Antiarrhythmic drugs
1.12 Catheter ablation
1.13 Cardioversion / defibrillation
1.14 Antibradycardia pacing
1.15 Automatic implantable cardioverter / defibrillator
1.16 Resynchronisation therapy

2. Heart Failure / LV dysfunction

Heart failure / LV dysfunction

2.01 Pathophysiology and diagnosis
2.02 Pharmacologic therapy
2.03 Neurohormones
2.04 Medical aspects of transplantation
2.05 Basic mechanisms
2.06 Cardiac surgery
2.07 Diastolic dysfunction
2.08 Ventricular function/haemodynamics
2.09 Peripheral circulation, metabolism and skeletal muscle
2.10 Prognosis
2.11 Heart failure, other

3. Valvular disease / Pulmonary circulation / Myocardial-Pericardial disease/Congenital heart disease & Paediatric cardiology

Valvular disease

3.01 Aortic valve disease
3.02 Mitral valve disease
3.03 Endocarditis
3.04 Surgery and intervention in valve disease
3.05 Valvular heart disease, other
3.06 Rheumatic heart disease
3.07 Valvular imaging

Pulmonary circulation

3.08 Acute pulmonary embolism
3.09 Chronic pulmonary hypertension
3.10 Right ventricular function
3.11 Pulmonary circulation, other
3.12 Pulmonary circulation imaging

Myocardial-Pericardial disease

3.13 Cardiomyopathies
3.14 Myocarditis
3.15 Pericardial disease / Tumours
3.16 Pericardial and myocardial disease, other
3.17 Infectious and parasitic diseases
3.18 Nutritional heart diseases
3.19 Myorcardial-pericardial imaging

Congenital heart disease / Paediatric cardiology

3.20 Morphology, pathology and genetics
3.21 Grown-up congenital heart disease and surgery
3.22 Foetal cardiology
3.23 Congenital heart disease imaging
3.24 GUCH and paediatric cardiology others
3.25 Pregnancy and heart disease

4. Ischaemia / CAD / ACC

Thrombosis & platelets, microcirculation

4.01 Thrombosis and platelets
4.02 Inflammation and microcirculation

Ischaemia / ACS / infarction

4.03 Ischaemia, experimental studies
4.04 Angina pectoris stable
4.05 Angina pectoris unstable
4.06 Infarction acute phase STEMI
4.07 Infarction acute phase non STEMI
4.08 Post infarction period
4.09 Adjunctive medical therapy
4.10 Antithrombotic agents
4.11 Thrombolysis and mechanical reperfusion
4.12 CAD and comorbidities

Acute cardiac care

4.13 CPR (Cardiopulmonary resuscitation)
4.14 Acute cardiac care, other

5. Interventions / Peripheral Circulation / Stroke / Surgery

Coronary circulation

5.01 Physiology, haemodynamics and microcirculation
5.02 Invasive coronary imaging
5.03 Vulnerable plaque

Interventional cardiology

5.04 PCI: pre-clinical studies
5.05 PCI/Stents: devices and technique
5.06 PCI: procedural complications
5.07 PCI: lesion/patient subsets
5.08 PCI: longterm outcome
5.09 Non coronary cardiac interventions
5.10 Restenosis

Peripheral circulation/stroke

5.11 Pathophysiology, epidemiology, diagnosis
5.12 Invasive / medical treatment
5.13 Stroke

Cardiovascular surgery

5.14 CAD surgery
5.15 Valvular heart disease surgery
5.16 Minimal invasive and robotic surgery
5.17 Aorta, peripheral arterial and venous surgery
5.18 Heart transplantation and LV assist devices

6. Prevention / Rehabilitation / Sports / Nursing

Basic and translational science

6.01 Basic and translational science

Sports cardiology

6.02 Exercise testing and training
6.03 Sports cardiology

Prevention and rehabilitation

6.04 Primary cardiovascular prevention: interventions and outcomes
6.05 Secondary cardiovascular prevention: interventions and outcomes
6.06 Cardiovascular rehabilitation: interventions and outcomes

Epidemiology and health policy

6.07 Physical activity
6.08 Tobacco
6.09 Diabetes, dysglycaemia and metabolic syndrome
6.10 Psycho-social
6.11 Nutrition
6.12 Overweight, obesity and central obesity
6.13 Social, economic and cultural
6.14 Cardiovascular risk
6.15 Public health and health policy
6.16 Vital and other statistics
6.17 Cost-effectiveness

Nursing

6.18 Acute nursing care
6.19 Chronic nursing care

7. Hypertension / Pharma

Hypertension

7.01 Autonomic nervous system and humoral regulations
7.02 Haemodynamics, heart and hypertension
7.03 Treatment of hypertension
7.04 Ambulatory pressure monitoring
7.05 Hypertension, other
7.06 Hypertension: regional and ethnic profiles
7.07 Hypertension and diet

Pharmacology and pharmacotherapy

7.08 Drug therapy
7.09 Guidelines and implementation in low resource settings
7.10 Pharmacogenomics

8. Basic Science

Cardiovascular system (patho)physiology

8.01 Developmental biology
8.02 Cardiovascular anatomy and pathology
8.03 Integrative physiology and control mechanisms
8.04 Stem cells and cell therapy
8.05 Genetics and gene therapy

Cardiac cellular biology

8.06 Metabolism and metabolic syndromes
8.07 Ischaemia and protection
8.08 Hypertrophy, cell cycle and apoptosis
8.09 Growth factors, neurohormones and signal transduction-cardiac
8.10 Excitation-contraction coupling and contractile remodelling
8.11 Ion channels and electrophysiology
8.12 Cardiac biology, other

Vascular biology

8.13 Angiogenesis
8.14 Lipids
8.15 Atherosclerosis
8.16 Endothelial function
8.17 Inflammation, growth factors and signal transduction- vascular
8.18 Vascular remodelling
8.19 Vascular biology, other

9. Cardiac Imaging / Computers

Nuclear cardiology, CMR & CT

9.01 Scintigraphy (SPECT)
9.02 Positron emission tomography (PET)
9.03 Cardiovascular Magnetic Resonance (CMR)
9.04 X-ray Computed tomography (CT)
9.05 Imaging, other

Echocardiography / Doppler

9.06 Echo-ventricular function
9.07 Echo-valvular heart disease
9.08 Echo-contrast / tissue characterization
9.09 Stress echo
9.10 Echo/Doppler, other

Computers in cardiology

9.11 ECG and arrhythmia analysis
9.12 Internet and telemedicine
9.13 Image processing and DICOM
9.14 Computers and databases

(Topic List ESC Congress 2013 - Amsterdam - 13/06/2012)