



# Masterclass in Acute Cardiovascular Care

March 27th & 28th 2017

Hotel Paddington in London (UK)



EUROPEAN  
SOCIETY OF  
CARDIOLOGY®

## **Monday, 27 March 2017 – Room Grand Westin 1**

**10:15-10:30 Welcome from the Course directors**

**10:30-12:30 Chest pain: Pre-hospital and in the emergency department**

Chairpersons: **M Lettino (Milan, IT) - H Bueno (Madrid, ES) - K Huber (Vienna, AT)**

10:30 Clinical case: my patient has chest pain at home: what should I do?  
**P Goldstein (Lille, FR)**

11:00 Clinical case: my patient with chest pain stays in a chest Pain Unit!  
**F Breuckmann (Arnsberg, DE)**

11:30 State of the art lecture: chest pain in the emergency department  
**NL Mills (Edinburgh, UK)**

12:00 Discussion with the experts  
**M Lettino (Milano, IT) - H Bueno (Madrid, ES) - P Goldstein (Lille, FR)**  
**NL Mills (Edinburgh, UK) - K Huber (Vienna, AT) - F Breuckmann (Arnsberg, DE)**  
**U Zeymer (Ludwigshafen, DE), C Müller (Basel, CH)**

### **Learning Objectives**

- Discuss the modern management of patients presenting with acute chest pain at home, at work or in the emergency department
- Obtain an update on accelerated diagnostic chest pain protocols
- Highlight the value of chest pain units

### **Discussion Main Themes**

- What is the Value of Pre-hospital ECG Registration and Transmission?
- What is the Value of Pre-hospital Troponins?
- Pre-treatment with P2Y12 receptor blockers?
- Current Status of Accelerated Diagnostic Chest Pain Protocols
- Do we Need More Heart Scores?
- Coronary Computed Tomography and Cardiac Stress Imaging in the ED

**12:30 – 13:30 Luncheon Panel Update ACS management**

Chairpersons: **Leonardi (Pavia, IT) - U Zeymer (Ludwigshafen, DE)**

Patient case presentations:

12:30 A patient with 30 min chest pain presenting at the ER two hours after onset of symptoms  
**C Müller (Basel, CH)**

12:50 A patient with a chest pain and atrial fibrillation  
**K Huber (Vienna, AT)**

13:10 A patient with chest pain and ST elevation in aVR and ST depression in all other leads  
**S Geveart (Gent, BE)**



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## Learning Objectives

- Application of the 2015 ESC guidelines on the management of ACS without persisting ST elevation with the help of the ACCA Clinical Decision-Making Toolkit

## Discussion Main Themes

- Difficulties in the diagnosis of NSTEMI ACS: early presenters
- Antithrombotic/antiplatelet treatment before invasive angiography: quid in situations with possible need for urgent CABG
- Antithrombotic/antiplatelet treatment after PCI for NSTEMI ACS: which combination and how long in patients with persistent/permanent atrial fibrillation

## 14:00-16:00 Out of Hospital Cardiac Arrest (OHCA)

Chairpersons: **C Hassager (Copenhagen, DK) - P Goldstein (Lille, FR) - E De Maria (Carpi, IT)**

14:00 Sudden death rescued with the help of an App  
**Henriksen (Odense, DK)**

14:30 Sudden death rescued with the help of a pump (ECPR)  
**J Belohlavek (Praha, CZ)**

15:00 State of the art lecture: 21st Century Post resuscitation management including of OHCA  
**A Cariou (Paris, FR)**

15:30 Discussion with the experts and the audience  
**C Hassager (Copenhagen, DK) - E De Maria (Carpi, IT) - P Goldstein (Lille, FR)  
J Belohlavek (Praha, CZ) - A Cariou (Paris, FR) - SL Leonardi (Pavia, IT) - Henriksen (Odense, DK)**

## Learning Objectives

- Discuss innovative ways to shorten the timelines in OHCA
- Explore when ECPR should be considered in refractory OHCA
- Obtain an update on temperature management in post resuscitation care

## Discussion Main Themes

- How can we shorten the time lines in OHCA?
- When to consider extracorporeal cardiopulmonary resuscitation (ECPR) for refractory OHCA?
- ECPR Implementation and Training
- Temperature management after successful resuscitation for OHCA

## 16:00 - 16:30 Coffee break

## 16:30 - 18:00 Meet the experts: Acute Heart Failure

Chairpersons: **C J M Vrints (Edegem, BE) - J Masip (Barcelona, ES) - O Dar (Harefield, UK)**

16:30 Auditing Acute Heart Failure: lessons for the future and Discussion  
**T A McDonagh (London, UK)**

17:00 Acute dyspnea: how to disentangle COPD & Acute Heart Failure and Discussion  
**C Müller (Basel, CH)**

17:30 Management of acute heart failure now and in the future and Discussion  
**M R Cowie (London, UK)**

## Learning Objectives

- Hear about the current management of acute heart failure and discover where we can improve care
- Discuss the use of biomarkers in the diagnosis of acute HF
- Provide an update on the ESC Clinical Practice Guidelines on acute heart failure and the use of novel medications
- Each presentation will be followed by discussions with the audience

## Tuesday, 28 March 2017 – Room Grand Westin 1

### 08:30 - 11:45 **Meet the experts: Cardiogenic Shock**

Chairpersons: **J Stepinska (Warsaw, PL) - S Halvorsen (Oslo, NO) - T Gershlick (Leicester, UK)**

08:30 Why we need a consensus document on cardiogenic shock and Discussion  
**H Thiele (Luebeck, DE)**

09:00 Positive pressure ventilation in cardiogenic shock: friend or foe? And Discussion  
**J Masip (Barcelona, ES)**

09:30 Management of the right ventricle in cardiogenic shock and Discussion  
**S Price (London, UK)**

### 10:00 – 10:30 **Coffee break**

10:30 Inotropes: effects on the heart, the microcirculation and other organs and Discussion  
**A Sionis (Barcelona, ES)**

11:00 Revascularisation strategy in cardiogenic shock and Discussion  
**T Gershlick (Leicester, UK)**

11:30 Discussions with the experts.

**J Stepinska (Warsaw, PL) - S Halvorsen (Oslo, NO) - T Gershlick - H Thiele (Luebeck, DE)  
J Masip (Barcelona, ES) - S Price (London, UK) - A Sionis (Barcelona, ES)**

## Learning Objectives

- Obtain an update on all aspects of cardiogenic shock through case based lectures
- Enter in discussion with experts in the field

### 12:00 – 13:00 **Luncheon Panel Update Acute Heart Failure**

Chairpersons: **J Masip (Barcelona, ES), C J M Vrints (Edegem, BE)**

Patient case presentations:

12:00 A patient with acute heart failure and concomitant ACS  
**D Walker (Hastings, UK)**

12:20 A patient with acute heart failure and severe aortic stenosis  
**I Malik (London, UK)**

12:40 A patient with acute heart failure and renal impairment  
**S Geveart (Gent, BE)**

## Learning Objectives

- Application of the 2016 ESC guidelines on the management of Acute and Chronic Heart Failure with the help of the ACCA Clinical Decision-Making Toolkit

## Discussion Main Themes

- Revascularisation in AHF
- Controversies in AHF complicating valvular disease
- Timing of interventions in complicated AHF
- Risk stratification of patients with complicated AHF
- Novel interventions in cardiorenal syndrome

## 13:00 - 14:30 **State of the art: Mechanical circulatory support in cardiogenic shock**

Chairpersons: **S Price (London, UK), R Trimlett (London, UK)**

13:00 Mechanical Circulatory Support in Cardiogenic Shock – What every cardiologist needs to know  
The Cardiologist's view  
**P Vranckx (Hasselt, BE)**

13:45 Mechanical Circulatory Support in Cardiogenic Shock – What every cardiologist needs to know  
The Surgeon's view  
**R Trimlett (London, UK)**

## Learning Objectives

- To learn all practical aspects of hemodynamic support in cardiogenic shock
- Learn how a multi-disciplinary collaboration should be organized

## 14:30 - 15:00 **ACCA's vision for the future**

Chairpersons: **S Price (London, UK) - M Lettino (Milan, IT)**

14:30 Masterclass take home messages  
**S Price (London, UK)**

14:45 ACCA's Vision – our mission and our future together  
**M Lettino (Milan, IT)**