



الجمعية العمانية لطب القلب  
**OMAN HEART ASSOCIATION**



المركز الوطني لطب وجراحة القلب  
**National Heart Centre**



Acute  
Cardiovascular  
Care Association  
A Registered Branch of the ESC



**EUROPEAN  
SOCIETY OF  
CARDIOLOGY**



**ACCA Middle East - Oman**

**Acute Cardiovascular Care-2019**

**3-5 October, 2019**

Al Bustan Palace Hotel  
**Muscat – Sultanate of Oman**

# Welcome

*Dear Friends and Colleagues*

Cardiovascular diseases (CVDs) are a major cause of premature death worldwide and an important cause of loss of disability-adjusted life years. For most types of CVD, early diagnosis and intervention are independent drivers of patient outcome. Clinicians must be properly trained to deal with these critically ill cardiac patients.

Great advances in scientific knowledge have accumulated since the advent of the cardiac care unit (CCU) in the 1960s. In an effort to focus on acute cardiac care and how to effectively diagnose and manage cardiac complications in critically ill patients, Oman Heart Association (OHA) with the scientific collaboration of the Acute Cardiovascular Care Association (ACCA) of the European Society of Cardiology decided to organize this meeting for the Middle East Health Professionals.

During almost the two-and a half-day meeting, a distinguished faculty from ACCA together with other international and local experts will discuss and present a comprehensive overview of the latest research developments in the field.

We hope that you will enjoy the unique atmosphere of our Congress in the beautiful city of Muscat and that you will join us in making this a memorable occasion.

***Kadhim J. Sulaiman***

President- Oman Heart Association

***Susanna Price***

President- Acute Cardiovascular Care Association

# *Working Groups*

## **Course Co-Directors**

Susanna Price

Kadhim Sulaiman

## **Chairman Scientific Committee**

Uwe Zeymer

## **Chairman Organizing Committee**

Mohammed El Deeb

## **Scientific Committee Members**

Salim Al Maskry

Abdullah A Al Riyami

Adil B Al Riyami

Ghaliah Al Mohani

Said Al Maashani

## **Organizing Committee Members**

Said Al Hinai

Najeeb Al Rawahi

Adil Al Lawaty

Mohamed B Al Riyami

Matloba Al Zadjali

Mohamed Al Kindi

Samah Al Araithi

# Guest Faculty

## **Kurt Huber**

Director, Wilhelminenspital, 3rd Department of Medicine, Cardiology, Intensive Care Unit and Chest Pain Unit. Vienna, Austria.

## **David Jiménez**

Associate Professor of Medicine, University of Alcalá, Chief of the Respiratory Department and Venous Thromboembolism Program at the Ramón y Cajal Hospital, Madrid, Spain.

## **Alexandre Mebazaa**

Professor of Anaesthesiology and Critical Care Medicine at the Hôpital Lariboisière, University Paris 7, France.

## **Susanna Price**

Consultant Cardiologist and Intensivist, Professor of Practice - Cardiology and Intensive Care, Royal Brompton Hospital, London, UK.

## **Walid Saliba**

Director, Atrial Fibrillation Center; Associate Director, Cardiac Pacing and Electrophysiology; Cleveland Clinic, Sydell and Arnold Miller Family, Heart and Vascular Institute, Cleveland, Ohio, USA.

## **Mohammad Shenasa**

Professor Emeritus, Heart and Rhythm Medical Group and Department of Cardiovascular Services, O'Connor Hospital San Jose, California, USA

## **Holger Thiele**

Director and W3-endowed Professorship of Internal Medicine/Cardiology at the Leipzig Heart Centre, Germany.

# *Guest Faculty*

## **Pascal Vranckx**

Clinical Consultant in Interventional Cardiology and Medical Director of the Cardiac Intensive Care and Interventional Cardiology, Hartcentrum in Hasselt – Belgium.

## **Uwe Zeymer**

Senior Physician and Head of Interventional Cardiology Heart Center Ludwigshafen, Department of Cardiology Vice-Director of the Institut für Herzinfarktforschung Ludwigshafen, Germany

*Thursday, 3 October, 2019*

## *ECG Course*

### **Session I**

- 08:30 – 08:50 A Simplified Approach to Diagnosis and Management of Narrow QRS Complex Tachycardias.  
*Mohammad Shenasa*
- 08:52 – 09:12 Bradycardias.  
*Najeeb Al Rawahi*
- 09:14 – 09:34 Recognition and Emergency Management of Wide Complex Tachycardia.  
*Mohammad Shenasa*
- 09:36 – 09:56 Review Tracings.  
*Mohammad Shenasa*  
*Najeeb Al Rawahi*
- 10:00 – 10:20 *Break.*

### **Session II**

- 10:20 – 10:40 Sudden Death Syndromes: What to Look for on ECG?  
*Mohammad Shenasa*
- 10:42 – 11:02 What Every Clinician Should Know About Implantable Devices ?  
*Adel Khalifa*

*Thursday, 3 October, 2019*

## *ECG Course*

11:04 – 11:24 Basics of Clinical Electrophysiology.  
*Ghaliah Al Mohani*

11:26 – 11:46 Review Tracings.  
*Adel Khalifa*  
*Ghaliah Al Mohani*

11:50 – 12:10 *Break.*

### **Session III**

12:10 – 12:30 How to interpret Holter : Guidelines for Generalist and Primary Care Physicians.  
*Mohammad Shenasa*

12:32 – 12:52 Electrolyte Abnormalities and Drug Effects/Toxicities.  
*Nidal Asaad*

12:54 – 13:14 Chamber Hypertrophy and Enlargement.  
*Mohammed Najib*

13:16 – 13:36 Review Tracings.

14:00 *Lunch*

*Thursday, 3 October, 2019*

**Session I**

**Acute Coronary Syndromes - I**

- 16:00 – 16:20 ECG Changes during Myocardial Ischemia and Infarction:  
What Every Physician Should Know?  
*Mohammed El Deeb*
- 16:22 – 16:42 ACS Emergency Patient Assessment and Treatment.  
*Uwe Zeymer*
- 16:44 – 17:04 State of the Art: Optimal Use of High-Sensitivity Troponin.  
*Kurt Huber*
- 17:06 – 17:26 Reperfusion Therapy for STEMI in Oman: Where We Are and Where We Want To Be?  
*Hatem Al Lawaty*
- 17:28 – 17:48 *Discussion.*
- 17:50 – 18:20 *Break.*

**Session II**

**Arrhythmias-I**

- 18:20 – 18:40 A Simplified Approach to Diagnosis and Management of Narrow QRS  
Complex Tachycardias.  
*Mohammad Shenasa*
- 18:42 – 19:02 Acute Management of Atrial Fibrillation  
*Walid Saliba*



*Thursday, 3 October, 2019*

- 19:04 – 19:24 Recognition and Emergency Management of Wide Complex Tachycardia  
*Mohammad Shenasa*
- 19:26 – 19:46 Cardioversion in AF: Indications, Technique, Pretreatment and Complications.  
*Walid Saliba*
- 19:48 – 20:08 *Discussion*

### **Opening Ceremony**

- 20:10 – 20:20 Holy Quran
- 20:20 – 20:30 Welcome Address of OHA President  
*Kadhim J. Sulaiman*
- 20:30 – 20:40 Short Video
- 20:40 – 20:50 ACCA Middle East Muscat : Aim and Hope  
*Uwe Zeymer*
- 20:50 – 21:00 Short Video
- 21:00 – 21:20 Keynote Address:  
Providing Education for the Profession  
*Susanna Price ACCA President*
- 21:20 *Conference Dinner*

*Friday, 4 October, 2019*

**Session III Acute Heart Failure-I**

- 08:30 – 08:50 Diagnosis and Risk Stratification of AHF Syndromes.  
*Alexandre Mebazaa*
- 08:52 – 09:12 Echocardiography and Lung Ultrasonography for the Assessment and Management of AHF.  
*Susanna Price*
- 09:14 – 09:34 How to Use Biomarkers in AHF.  
*Kurt Huber*
- 09:36 – 10:06 Management of AHF in the Emergency Department.  
*Alexandre Mebazaa*
- 10:08 – 10:28 *Discussion.*
- 10:30 – 11:00 *Break.*

**Session IV Arrhythmias - II**

- 11:00 – 11:20 Emergency Department Management and Disposition of Syncope.  
*Walid Saliba*
- 11:22 – 11:42 Paroxysmal AV Block.  
*Mohammad Shenasa*

*Friday, 4 October, 2019*

11:44 – 12:00

*Discussion*

12:00 – 13:30

*Pray and Lunch*

**Session V      Pulmonary Embolism**

13:30 – 13:45

Suspected Pulmonary Embolism: Diagnostic Approach.

*Adil B Al Riyami*

13:47 – 14:02

Efficacy and Safety of Thrombolytic Therapy in Acute PE.

*David Jiménez*

14:04 – 14:19

Acute Management of PE: The Classics.

*Kurt Huber*

14:21 – 14:41

New Oral Anticoagulant Agents (NOACs) as Primary Therapy for PE.

*David Jiménez*

14:43 – 14:58

After the PE: Anticoagulation, Follow-Up and Prognosis.

*David Jiménez*

15:00 – 15:20

*Discussion*

15:20 – 15:40

*Break*

*Friday, 4 October, 2019*

**Session V      Acute Coronary Syndromes II**

- 15:40 – 15:55      How to Manage the Renal Patient with ACS: The Agony and the Ecstasy.  
*Holger Thiele*
- 15:57 – 16:12      Duration of Dual Antiplatelet Therapy after Stenting: Is There a Middle  
Ground between Liberalism and Conservatism?  
*Pascal Vranckx*
- 16:14 – 16:29      Complete Versus Culprit-Only Revascularization in STEMI: Why Is  
There Still a Debate?  
*Holger Thiele*
- 16:31 – 16:46      Management of Antithrombotic Therapy in AF Patients Presenting with ACS.  
*Uwe Zeymer*
- 16:48 – 17:08      *Discussion.*
- 17:10                *Adjourn*

*Saturday, 5 October, 2018*

**Session VII    Cardiogenic Shock**

- 08:30 – 08:45      Risk Stratification and Prognosis for Patients in Cardiogenic Shock After ACS.  
*Holger Thiele*
- 08:47 – 09:07      Current Status of Pharmacologic Therapies in CS.  
*Pascal Vranckx*
- 09:09 – 09:24      Revascularization Strategy.  
*Uwe Zeymer*
- 09:26 – 09:41      Percutaneous Mechanical Support: Is It Really Changing the Prognosis?  
*Holger Thiele*
- 09:45 – 10:00      *Discussion.*
- 10:00 – 10:30      *Break.*

**Session VIII    Acute Heart Failure-II**

- 10:30 – 10:50      Renal Dysfunction in Patients with AHF: How to Prevent and Treat.  
*Alexandre Mebazaa*
- 10:52– 11:12      Coronary Angiography in AHF: For Whom and When?  
Do You Still Believe in Viability ?!  
*Pascal Vranckx*
- 11:14 – 11:34      When to Discharge Patients with AHF?  
*Alexandre Mebazaa*

# *Saturday, 5 October, 2018*

- 11:36 – 11:56      Transitional Care Interventions To Prevent Readmissions for Patients With HF.  
*Susanna Price*
- 11:58 – 12:13      *Discussion*
- 12:13 – 13:30      *Pray and Lunch*

## **Session IX      Arrhythmias-III**

- 13:30 – 13:45      ECG Markers of Sudden Cardiac Death.  
*Mohammad Shenasa*
- 13:47 – 14:02      When to Refer an AF Patient For Catheter Ablation?  
*Walid Saliba*
- 14:04 – 14:19      Bradyarrhythmias and Pacemakers.  
*Ghaliyah Al Mohani*
- 14:21 – 14:36      Post-Arrest Cardiac Catheterization: for Whom and When?  
*Uwe Zeymer*
- 14:38 – 14:53      *Discussion*
- 14:55 – 15:20      *Break.*

*Saturday, 5 October, 2018*

**Session X      Acute Cardiovascular Diseases – Case Studies**

- 16:26 – 16:46      29-Year-Old Man, Smoker, BMI: 30 kg/m<sup>2</sup>, presented to ED with history of cough, hemoptysis and breathlessness for 2 days.  
*David Jiménez*
- 16:48 – 17:08      43-Year-Old Man with a History of Uncontrolled Hypertension with Acute Pleuretic Chest Pain.  
*Susanna Price*
- 17:10 – 17:30      A 67- Year- Old Lady with Severe Chest Pain, ECG Showed STE with Complete Heart Block.  
*Kurt Huber*
- 17:32 – 17:52      Young Lady with Mechanical Mitral Valve Prosthesis Presented with Progressive Exertional Dyspnea.  
*Pascal Vranckx*



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