

MANAGEMENT OF CARDIOVASCULAR DISEASES: A Look At The Present and a Glance Into The Future

FOCUS ON AORTIC VALVE DISEASE AND HEART FAILURE



24-26 June 2021
(Virtual)

18 CME Points Have Been Applied For

Course Directors

Gino Gerosa, MD

Chief, Cardiac Surgery
Director, Heart Transplant and Mechanical
Circulatory Support Program
University Hospital of Padua

Matthew Harinstein, MD, MBA, FACC

Senior Vice President, Chief Operating Officer,
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ISMETT *Istituto di Ricovero
e Cura a Carattere
Scientifico*

UPMC | **HEART AND
VASCULAR INSTITUTE**

ENDORSED BY

International School of Cardiac Surgery of the "Ettore Majorana" Foundation and Centre for Scientific Culture,
Erice, Italy



Rationale

New technologies are changing the practice of medicine and surgery, posing new challenges to physicians involved in the diagnosis and treatment of cardiovascular diseases. This virtual, interactive course is dedicated to all health professionals, researchers, and scientists, whose area of interest is the field of cardiovascular diseases. It will enable participants (cardiologists, cardiac surgeons, cardiovascular imaging specialists, anaesthesiologists, cardiovascular researchers, allied health professionals, and bioengineers) to have the opportunity to spend three days with internationally recognized experts in the field of cardiovascular disease.

This course will focus on aortic valve disease, aortic aneurysms, and on special aspects of heart failure. The expertise and knowledge of a top-class interdisciplinary faculty will provide a comprehensive review of the topics addressed.

Conference Goals

At the completion of the course, participants will have had the opportunity to:

- Gain additional knowledge of state of the art, innovative scientific and technological advances to be considered and implemented in the daily practice across various clinical scenarios
- Engage with world renowned cardiovascular disease experts to promote a scientific network encouraging individual professional growth.

Course Faculty

Luigi Adamo, MD, PhD

Assistant Professor of Medicine
John Hopkins University
Baltimore, MD, U.S.

Cristina Basso, MD

Full Professor of Pathology
University of Padua
Padua, IT

Chiara Bucciarelli-Ducci, MD

Consultant Cardiologist and Senior Lecturer
University of Bristol
Bristol, UK

Filippo Cademartiri, MD

Professor of Radiology
IRCCS-SDN
Naples, Italy

Francesco Clemenza, MD

Consultant Cardiologist
IRCCS-ISMETT
Palermo, IT

Tirone Esperidiao David, MD

Professor of Surgery
Faculty of Medicine, University of Toronto
Toronto, CA

Ruggero De Paulis, MD

Director of the Cardiac Surgery Department
European Hospital
Rome, IT

Andrea Di Lenarda, MD

Director of Cardiovascular Center
ASUGI and University of Trieste
Trieste, IT

Caterina Gandolfo, MD

Chief of Interventional Cardiology
IRCCS-ISMETT, UPMC Italy
Palermo, IT

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Associate Chief Medical Officer, UPMC International
Associate Professor of Medicine, University of Pittsburgh
School of Medicine
UPMC Heart and Vascular Institute

Aldo Pietro Maggioni, MD

Director ANMCO Research Center
Florence, IT

Dennis McNamara, MD, MS

Professor of Medicine - Director of the Center for Heart
Failure Research
UPMC
Pittsburgh, PA, U.S.

Carmelo Mignosa, MD

Coordinator Minimally Invasive Cardiac Surgical Program
IRCCS-ISMETT
Palermo, IT

Francesco Musumeci, MD

Director of Cardiac Surgery and Transplantation
S. Camillo Hospital
Rome, IT

Salvatore Novo, MD

Emeritus Professor of Cardiology
University of Palermo
Palermo, IT

Salvatore Pasta

Professor of Industrial Engineering
University of Palermo
Palermo, IT

Michele Pilato, MD

Director, Department for Cardiothoracic Diseases
and Cardiothoracic Transplantation
Head of Cardiac Surgery
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Palermo, IT

Continued on next page

Course Faculty *continued*

Alfio Maria Quarteroni

Professor of Numerical Analysis
Polytechnic University of Milan
Milan, IT

Claudio Rapezzi, MD

Director of Department of Cardiology,
Department of Cardiology, University of Bologna,
Sant Orsola-Malpighi Hospital
Bologna, IT

Mauro Rinaldi, MD

Director of Cardiac Surgery
AOU Citta' della Salute e della Scienza, Molinette
University of Turin
Turin, IT

Prem Soman, MD, PhD

Professor of Medicine
Director of Nuclear Cardiology, Associate Chief of
Cardiology (Faculty Development), and UPMC Heart
and Vascular Institute
Pittsburgh, PA, U.S.

Ibrahim Sultan, MD, FACS, FACC

Associate Professor of Cardiothoracic Surgery
Director, UPMC Center for Thoracic Aortic Disease
Surgical Director, UPMC Center for Heart Valve Disease
Heart and Vascular Institute, University of Pittsburgh Medical
Center - Department of Cardiothoracic Surgery, University of
Pittsburgh SOM - Pittsburgh, PA, U.S.

Corrado Tamburino, MD

Professor of Cardiology
Director, Division of Cardiology
University of Catania
Catania, IT

Ugo Filippo Tesler, MD

Director International School of Cardiac Surgery
Ettore Majorana Foundation and Centre for Scientific Culture
Erice (TP), Italy

Gaetano Thiene, MD

Emeritus Professor of Pathology
University of Padua
Padua, IT

SCIENTIFIC PROGRAM

**Presenters subject to change*

All times are Central European Summer Time (CEST)

Thursday, 24 June 2021

2:00 - 2:05 p.m. Introduction
Angelo Luca

2:05 - 2:15 p.m. Welcome
Gino Gerosa, Matthew E. Harinstein,
Michele Pilato, Ugo Tesler

PLENARY 1 **Aortic Stenosis: Evolution of treatment**

2:15 - 2:35 p.m. Intervention Anatomy and Pathology of Aortic Valve Stenosis
Cristina Basso

2:35 - 2:55 p.m. Echo Evaluation of TAVI
Matthew E. Harinstein

2:55 - 3:15 p.m. How Do I Treat AVS: TAVI-TF for Interventional Cardiologists
Corrado Tamburino

3:15 - 3:35 p.m. How Do I Treat AVS: TAVI-TF for Cardiac Surgeons
Francesco Musumeci

3:35 - 3:55 p.m. Transcatheter Versus Surgical Aortic Valve Replacement: What Does The Latest Evidence Tell Us?
Ruggero De Paulis

3:55 - 4:15 p.m. Sutureless Aortic Valve Replacement and Minimally Invasive Approach
Carmelo Mignosa

4:15 - 4:30 p.m. Discussion

4:30 - 5:00 p.m. The Era of Cardiovascular Imaging Services: Impact of New Models And New Tools in the Management of Cardiovascular Disease
Filippo Cademartiri

5:00 - 6:15 p.m. [Interactive Section 1](#)

Friday, 25 June 2021

PLENARY 2

**Bicuspid Aortic Valve and
Aortic Syndromes**

2:00 - 2:20 p.m. A Real Syndrome
Gaetano Thiene

**2:20 - 2:40 p.m. Ascending Aortic Aneurysm: Is
Enough the Magic Number?**
Mauro Rinaldi

2:40 - 3:00 p.m. TAVI in BAV
Caterina Gandolfo

**3:00 - 3:20 p.m. Surgery for Acute Aortic Dissection:
State of the Art**
Ibrahim Sultan

**3:20 - 3:50 p.m. State of The Art: Surgery for Aortic
Valve Disease And Aneurysm**
Tirone Esperidiao David

3:50 - 4:20 p.m. Discussion

**4:20 - 4:40 p.m. Computational Modelling of Aortic
Valve Disease**
Salvatore Pasta

**4:40 - 5:00 p.m. Mathematic Models and
Cardiovascular Disease**
Alfio Quarteroni

5:00 - 6:00 p.m. [Interactive Section 2](#)

Saturday, 26 June 2021

PLENARY 3

Heart Failure and Cardiomyopathies

2:00 - 2:20 p.m. Introduction / Spectrum of Transplant Pathology of Heart Failure

Salvatore Novo, Gaetano Thiene

2:20 - 2:40 p.m. ARNI: Clinical Benefits and Conceptual Innovations for Management of Heart Failure

Francesco Clemenza

2:40 - 3:00 p.m. New drugs in HFrEF and HFpEF

Aldo Pietro Maggioni

3:00 - 3:30 p.m. Discussion

3:30 - 3:50 p.m. Peripartum Cardiomyopathy: Update on Pathogenesis and the Role of Bromocriptine Therapy

Dennis McNamara

3:50 - 04:10 p.m. Reverse Remodelling In Dilated Cardiomyopathy

Luigi Adamo

4:10 - 4:30 p.m. "From Human to Mechanical to Biological Heart"

Gino Gerosa

4:30 - 4:50 p.m. Discussion

4:50 - 5:10 p.m. Cardiac MRI for the Diagnosis of Cardiomyopathies

Chiara Bucciarelli-Ducci

5:10 - 5:40 p.m. Novel Imaging Techniques for the Diagnosis of Cardiac Amyloidosis

Prem Soman

5:40 - 6:00 p.m. Amyloidosis: From Red Flags to Therapeutic Innovations

Claudio Rapezzi

6:00 - 6:20 p.m. Iron Deficiency

Andrea Di Lenarda

GENERAL INFORMATION

Registration

Registration is free of charge and available here cardiovascular.govirtual.it

Please note that online registration is mandatory and possible until June 23, 2021 or until the predetermined limit is reached.

Official Language

English

CME Continuing Medical Education

COLLAGE s.p.a (provider 309) has included the meeting in the 2021 educational plan.

CME REF.: 309-318226

CME Credits: 18

The webinar will be suited for:

- Medical doctors and surgeons (cardiology; respiratory diseases; internal medicine; cardiac surgery; thoracic surgery; vascular surgery; family doctors; continuity assistance; community medicine)
- Medical Radiology Technician [Cardiocirculatory and Perfusion Physiopathology Technician Cardiovascular]
- Medical Radiation Technologists
- Nurse

CME Provider and Organizing Secretariat

COLLAGE S.p.A.

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In order to obtain CME credits, participants must:

- Attend the 90% of the meeting
- Fill-in the CME evaluation questionnaire (credits will be granted to those who will answer 75% correctly)
- Belong to the accredited medical profession and specializations related to the webinar
- Submit the required documentation, sign in and sign out at the virtual registration desk at the beginning/end of the webinar

CME Certification

The certificate of attendance with the number of CME assigned credits can be downloaded after 15 days from the last date of the webinar through the website www.fadcollage.it

CERTIFICATE OF ATTENDANCE

Certificate of attendance will be sent on request at the end of the webinar.

You can send the request to the provider and organizing secretariat giorgia.napolitano@collage-spa.it

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