The Mitral Conferences

Minimally Invasive Cardiac Surgery and Non Conventional Interventional Cardiology

MICS 2018
Mitral Conferences

JUNE 8-9, 2018
ROME, ITALY

www.mics2018.it
www.mitralacademy.it

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Giuseppe Speziale
Conference Directors MICS 2018
David Adams
Khalil Fattouch
Patrizio Lancellotti
President MICS 2018
Giuseppe Speziale

Conference Directors MICS 2018
David Adams
Khalil Fattouch
Patrizio Lancellotti

MICS 2018 is compliant with:

Endorsed by:
Research, innovation, interdisciplinary approach: these are the major pillars of MICS.

MICS 2018 is a two-day symposium focused specifically on the newest issues of minimally and ultra-minimally invasive and robotic mitral, tricuspid, atrial fibrillation surgery and less conventional catheter based mitral procedures.

This Conference is organized by the Mitral Academy, a cultural association whose goals include a common work platform dedicated to the progress gained in the medical-scientific field by mitral valve surgery.

MICS 2018 is addressed to cardiac surgeons, interventional and non-interventional cardiologists, anesthesiologists and perfusionists involved in minimally invasive mitral valve surgery, ranging from basic diagnosis to advanced treatment.

World Opinion Leaders in this field have been invited as Faculty to share their experience with the audience.

Giuseppe Speziale
National Coordinator Cardiac Surgical Units, GVM Care&Research, Vice President GVM Care&Research
AN INSTITUTION FOR MITRAL EXCELLENCE

The process of repairing the mitral valve is complex and requires a long learning and training curve. In addition, a surgeon’s performance may vary over time. This is the reason why a continuous monitoring and mentoring system is necessary. The Mitral Academy therefore arises out of the need to establish a real ‘cultural platform’, a meeting point for heart surgeons ‘keen on’ mitral surgery, where sharing mitral culture at a different level can be possible. The Mitral Academy is made up by international cardiac surgeons, opinion leaders who will use a formal - theoretical and practical - teaching system, in different periods of the year. Fellowships are foreseen as integral parts of the practical-theoretical training course.

Academy Directors:

DAVID ADAMS / 1
Professor and Chairman of the Department of Cardiovascular Surgery, The Mount Sinai Hospital, New York (USA)

KHALIL FATTOUCH / 2
Professor and Lead Clinician, Department of Cardiac Surgery, Maria Elenora Hospital, GVM Care&Reserach, Palermo (Italy)

PATRIZIO LANCELLOTTI / 3
Professor and Head of Intensive Care Cardiology Unit, Professor of Clinical Medicine, University of Liège (Belgium)
Faculty Board MICS 2018:

OTTAVIO ALFIERI / 4
Professor of Cardiac Surgery,
S. Raffaele University Hospital, Milan (Italy)

GILLES DREYFUS / 5
Professor of Cardiovascular Surgery,
University René Descartes, Paris
and Professor of Cardiovascular Surgery,
Imperial College, London (France / UK)

GEBRINE EL KHOURY / 6
Head of Cardiovascular and Thoracic Surgery
Department at Saint-Luc Hospital
and Professor at Université Catholique de Louvain (UCL), Brussels (Belgium)

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Chair of Cardiology, University of Ferrara (Italy)

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Professor of Cardiac Surgery, Padua University and Head of Cardiac Surgery Unit, Padua University Hospital (Italy)

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Professor and Chair Department of Cardio-Thoracic Surgery
Leiden University Medical Center
Leiden (The Netherlands)

RUEDIGER LANGE / 10
Head of Department of Heart and Vascular Surgery,
German Heart Centre, Munich (Germany)

AZEEM LATIB / 11
Senior Interventional Cardiologist
Interventional Cardiology Unit
San Raffaele Hospital and EMO-GVM Centro Cuore Columbus, Milan (Italy)

THOMAS MODINE / 12
Consultant Cardiac Surgeon and Structural Heart Specialist, Chru de Lille (France)
and Jiaotong University, Shanghai (China)

LUC PIERARD / 13
Head of Department of Cardiology,
University Hospital Sart Tilman, Liege (Belgium)
Chair, ESC Council in Valvular Heart Disease

GIUSEPPE TARANTINI / 14
Professor and Head of Interventional Cardiology,
University of Padua (Italy)

SHUICHIRO TAKANASHI / 15
Sakakibara Heart Institute,
Department of Cardiovascular Surgery, Tokyo (Japan)
8.00  Registration and Coffee
8.20  Welcome Address

**8.50-9.50**  
**SESSION 1**  
**INDICATIONS FOR TREATMENT**

*Chairs:* G. Dreyfus, M. Garbi, R. Rosenhek

- Timing of mitral valve repair for degenerative mitral regurgitation  
  Y. Okada
- Timing of mitral valve surgery in secondary mitral regurgitation  
  R. Klautz
- Timing for mitral valve surgery in endocarditis  
  P. Lancellotti
- Heart team in the mitral valve pathway: myth or reality?  
  M. Massetti
- Valve remodeling in degenerative mitral regurgitation  
  T. Asai

**Q&A**

*Discussants:* A. Albertini, R. Gregorini, G. Mazzesi

**9.50-10.40**  
**SESSION 2**  
**JOINT SESSION WITH SIECVI**

*Chairs:* F.E. Agrò, F. Benedetto, C. Zito

- Main echo findings useful for surgery in functional mitral regurgitation  
  G. La Canna
- Novelties in 3D echocardiography  
  M. Pepi
- Mitral regurgitation associated with aortic valve disease: pearls and pitfalls from echo  
  F. Antonini-Canterin
- 2D and 3D Echo useful for repair in degenerative Mitral Regurgitation  
  P. Lancellotti

**Q&A**

*Discussants:* S. Carerj, P. Caso, R. Citro

**10.40-11.30**  
**SESSION 3**  
**DEGENERATIVE MITRAL VALVE DISEASE**

*Chair:* R. De Paulis, F. Miraldi, L. Monti

The Morphology: Learning how to Strategize like a Reference Surgeon  
D. Adams
The symptoms - Truly vs not asymptomatic patient
R. Rosenhek
The ventricle - Normal vs “subclinical” vs over systolic dysfunction
M. Garbi
Pulmonary pressure
P. Lancellotti
Q&A

Discussants: S. Caparrotti, G. Mottola, C. Zebele

11.30-12.00
LIVE IN BOX
SURGICAL TECHNIQUES: HOW I REPAIR

Chairs: D. Adams, K. Fattouch, R. Klautz
The Posterior leaflet G. El Khoury
The Fuji Technique H. Arai
Anterior leaflets R. Lange
Commissures G. Dreyfus
Bi leaflets D. Adams
Butterfly technique T. Asai
Relock approach G. Speziale,
M. Moscarelli
Q&A

Discussants: E. Coscioni, M. Glauber, C. Mignosa

12.00-12.20
KEYNOTE LECTURE

Presented by K. Fattouch
Raising Our Standards
D. Adams
Q&A

12.30-13.45 Lunch

13.45-14.55
SESSION 4
MINIMALLY INVASIVE SURGERY

Chairs: M. Diena, R. Lange, M. Rinaldi
Why to start minimally invasive mitral valve surgery program
M. Glauber
Patients selection
K. Fattouch

Robotic surgery
F. Musumeci
Total videoscopic minimally invasive approach
L. Salvador
Periareolar approach
M. Solinas
3-port 3D endoscopic mitral valve surgery using “windows technique”
T. Ito
Q&A

Discussants: E. Greco, D. Paparella

14.55-15.25
GLADIATORS SESSION
MINIMALLY INVASIVE AS STANDARD OF CARE

Chairs: D. Adams, G. El Khoury, R. Klautz
1. Sternotomy and robotic are the gold standard
G. Dreyfus
2. Endoscopy minimally invasive approach for all
R. Lange

15.25-16.05
KEYNOTE LECTURES

Presented by K. Fattouch
The 100% repair and 100% minimally invasive
G. Speziale
Mitral Valve repair in endocarditis
G. El Khoury

16.05-17.00
SESSION 5
LONE AND CONCOMITANT ATRIAL FIBRILLATION

Chairs: S. Iacopino, C. Lavalle, C. Muneretto
Concomitant AF surgery
C. Muneretto
Lone AF surgery Patient Selection
A. Curnis
Lone AF surgery
G. Nasso
Hybrid approach to alone AF
G. De Martino
Q&A

Discussants: M. Ciccone, C. Comoglio, G. Del Prete

ADJ
8.30-9.30

SESSION 6
JOINT SESSION
WITH GISE-SICCH
TRANSCATHETER MITRAL
AND TRICUSPID APPROACH

Chairs: A. Marchese, T. Modine, S. Tonioni
Transcatheter direct mitral valve annuloplasty
F. Maisano
Transcatheter indirect mitral valve annuloplasty
A. Latib
Transcatheter mitral replacement: clinical update and rationale
T. Modine
Transcatheter valve in valve or valve in ring
C. Grasso
Percutaneous solutions for secondary TR
A. Latib
Q&A

Discussants: R. Lange, M. Mancone, T. Tesorio

9.30-10.10

SESSION 7
MITRALCLIP

Chairs: D. Dudek, F. Fedele, F. Romeo
Indication and Real world experience
Y. Ohno
Quantitation of mitral regurgitation
L. Pierard
2D and 3D echo for percutaneous Mitral therapy
A. Berrebi
Q&A

Discussants: F. De Felice, A. Latib, L. Patanè
10.10-11.00

SESSION 8
TRANSAPICAL PROCEDURES

Chairs: D. Adams, G. Gerosa, O. Alfieri

Transapical off pump chordal implantation: devices and outcomes
L. Martinelli
Transapical mitral valve annuloplasty
G. Gerosa
Transapical mitral valve replacement
T. Modine
Transapical valve in valve and valve in ring
M. Cassese
Q&A

Discussant: C. Antona, G. Iannelli, G. Luzi

11.00-11.50

SESSION 9
CONCOMITANT TRICUSPID REGURGITATION

Chairs: M. Chello, R. Di Bartolomeo, M. Di Biase

Functional tricuspid and right ventricular anatomy
A. Calafiore
When to treat concomitant tricuspid regurgitation
M. De Bonis
Annuloplasty and adjunctive techniques
G. Dreyfus
New criteria for TV repair based on its morphology; 3D echo measurements of TV annulus
S. Takanashi
Q&A

Discussants: R. Coppola, V. Fiorani, P. Fratto

11.50-12.00

Mitral Academy Awards Ceremony

12.00-13.00

KEYNOTE LECTURES

Presented by G. Speziale
The future of Heart Valve Therapy
O. Alfieri

Presented by A. Marchese
The Interventional Cardiology view in transcatheter coronary and structural interventions
A. Colombo

Presented by G. Speziale
The future of Cardiology
R. Ferrari

13.00-13.30

Q&A

13.30-13.40

Closing Remarks
MICS FACULTY

- David Adams (USA)
- Felice Eugenio Agrò (IT)
- Alberto Albertini (IT)
- Ottavio Alfieri (IT)
- Carlo Antona (IT)
- Francesco Antonini-Canterin (IT)
- Hirokuni Araí (J)
- Thoru Asai (J)
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- Alain Berrebi (F)
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■ Tullio Tesorio (IT)
■ Stefano Tonioni (IT)
■ Carlo Zebele (IT)
■ Concetta Zito (IT)
GENERAL INFORMATION

SCIENTIFIC INFORMATION

CONFERENCE VENUE
Pontificia Università Urbaniana
Via Urbano VIII, 16 00120 Rome - Italy

CME ACCREDITATION
The Conference has been assigned n. 9,8 Italian CME credits for Physicians (angiology, cardiology, internal medicine, cardiac surgery, general surgery, physical medicine, respiratory medicine, thoracic surgery, vascular surgery, anaesthesia and resuscitation, hygiene, epidemiology and public healthcare, occupational medicine and safety at work, general medicine (family doctors), cardio-circulatory physiopathology and cardiovascular perfusion Technicians and Nurses.
Provider ECM: Maria Cecilia Hospital (Provider n. 3409)
Training objective: Technical-professional contents (knowledge and expertise) specific of each profession, specialisation and ultra-speciality activity.

OFFICIAL LANGUAGE
English is the official language of the Conference. Simultaneous translation will be provided.

ATTENDANCE CERTIFICATES
Attendance Certificates will be made out upon request to all Participants at the end of the Conference.

LUNCH AND COFFEE POINTS
Lunch and coffee points will be served in the Conference venue.

REGISTRATION

On-site Registration: € 500,00 (Vat Included)
The Registration fee includes:
• Admission to scientific sessions
• Entrance in the exhibition area
• Conference kit
• Coffee Points and Lunch
• Attendance Certificate

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ORGANIZING SECRETARIAT
MICS 2018 is promoted by the Mitral Academy

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