

Interventional EchoCardiography 2019



A Multidisciplinary Approach
to Structural Heart Intervention

Milano, Italy
April 3rd - 5th, 2019

Chairman: Eustachio Agricola
Ospedale San Raffaele, Milano - Italy



IEC 2019

Istituto di Ricovero e Cura a Carattere Scientifico

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UNDER THE AUSPICES



AAE

ASIAN-PACIFIC
ASSOCIATION OF
ECHOCARDIOGRAPHY



EACVI

European Association of
Cardiovascular Imaging

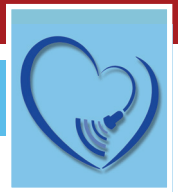
SIECVI

SOCIETÀ ITALIANA DI ECOCARDIOGRAFIA E CARDIOVASCOLAR IMAGING



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HEART
FOUNDATION

INTERNATIONAL FACULTY



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Nieuwegein, The Netherlands

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Stephan Von Bardeleben

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Dee Dee Wang

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Madrid, Spain

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Rosa Sicari
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Maurizio Tusa
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Cosmo Godino

Giacomo Ingallina

Alberto Margonato

Patrizio Mazzone

Giulio Melisurgo

Matteo Montorfano

Michele Oppizzi

Federico Pappalardo

Vittorio Romano

Stefano Stella



9.00 **Welcoming address**
*E. Agricola, F. Faletta, J. Narula,
M. Vannan, J.L. Zamorano*

9.10 **MAIN SESSION**
**Interventional cardiac imaging:
the essential**
Chairpersons: *F. De Cobelli, E. Donal,
B. Popescu*

- Fluoroscopy
A. Latib
- Basic echocardiography
A. Berrebi
- CT
G. Pontone
- MRI
A. Esposito

10.20 **KEY LECTURE**
Introduction
G. Hundley
The role of imaging:
yesterday, today, tomorrow
J. Narula

10.40 *Break*

11.00 **KEY LECTURE**
Introduction
B. Popescu
Future education of the interventional
imager: the vision of EACVI
T. Edvardsen

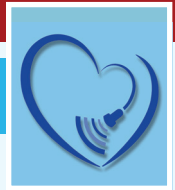
11.20 **MAIN SESSION**
**The advances in interventional
cardiac imaging: the present and
a glimpse into the future**
Chairpersons: *F. Benedetto, M. Picard*

- Advances in echocardiography
X. Zhou
- ICE
J. Ribeiro
- 3D printing
D.D. Wang
- Fusion imaging
F. Faletta
- Invention vs innovation:
imaging in the era
of cardiovascular revolution
A. Guidotti

12.40 **KEY LECTURE**
Introduction
T. Edvardsen
All together: multimodality
interventional imaging
J.L. Zamorano

1.00 *Lunch Workshops*

3.00 **KEY LECTURE**
Introduction
O. Alfieri
The spectrum of heart valve diseases:
how many patients really need a
catheter-based therapy?
M. Enriquez-Sarano



3.20 **MEET THE EDITORS ROUND TABLE**

Chairpersons: *P.G. Camici, J. Narula,
J.L. Zamorano*

- JACC imaging
Y.S. Chandrasekhar
- Circulation
G. Hundley
- JASE
M. Picard
- EHJCVI
G. Maurer
- Cardiovascular Ultrasound
R. Sicari

4.30 *Break*

4.45 **MAIN SESSION**

LAA closure - Electrophysiologic procedures - Leak closure - VIV and VIR

WORKING TOGETHER

Chairpersons: *P. Colonna, E. Donal,
A. Latib*

- **LAA closure**
What do I need? (Interventionist)
S. Berti
Did I answer your question?
(Imager)
M. Swaans
- **Electrophysiologic procedures**
What do I need? (Interventionist)
P. Mazzone
Did I answer your question?
(Imager)
A. Moreo

■ **Leak closure**

What do I need? (Interventionist)
G. Pedrazzini

Did I answer your question?
(Imager)
E. Sade

■ **Noblestitch**

LIVE CASE

M. Montorfano

What do you need from the imager?
M. Tusa

6.25 **HEART TEAM AT WORK:
CASES PRESENTATION CONSENSUS
AND DISSENSUS**

Discussants: *A. Barosi, A. Cappelletti,
A. Latib, G. Pedrazzini*

7.25 *Adjourn*



8.00

KEY LECTURE
Introduction

M. Enriquez-Sarano

State-of-the-art of transcatheter mitral valve therapy
O. Alfieri

8.20

LIVE CASE - MITRAL VIV

Discussants: *M. Enriquez-Sarano, F. Maisano, S. Von Bardeleben*

■ **VIV and VIR**

What you need from the imager?
S. Little

9.00

KEY LECTURES
Introduction

V. Delgado, M. Galderisi

■ The imaging for mitral interventions: what do we really need?
R. Dulgheru

■ Screening and patient selection for the best transcatheter therapeutic option of mitral regurgitation
E. Agricola

■ How to evaluate and interpret the results of transcatheter mitral valve procedures
S. Little

■ Diagnosis of endocarditis in the era of catheter-based therapy
G. Habib

10.00

MAIN SESSION

Interventional mitral valve therapy

WORKING TOGETHER (Part 1)

Chairpersons: *C. Godino, J. Morales, M. Pepi*

LEAFLET REPAIR

■ **MitraClip**

What do I need? (Interventionist)
C. Grasso

Did I answer your question? (Imager)
S. Scandura

■ **PASCAL**

What do I need? (Interventionist)
A. Latib

Did I answer your question? (Imager)
N. Wunderlich

10.40 *Break*

10.55

WORKING TOGETHER (Part 2)

Chairpersons: *E. Agricola, C. Grasso, F. Maisano*

■ **Chordal approach**

What do I need? (Interventionist)
P. Denti

Did I answer your question? (Imager)
M. Pepi

■ **Annuloplasty**

What do I need? (Interventionist)
S. Von Bardeleben

Did I answer your question? (Imager)
N. Wunderlich

■ **Transcatheter mitral valve replacement**

What do I need? (Interventionist)
M. Mack

Did I answer your question? (Imager)
D.D. Wang



■ **Percutaneous balloon mitral valvuloplasty**

What do I need? (Interventionist)

M. Ancona

Did I answer your question?

(Imager)

G-R. Hong

12.10

HEART TEAM AT WORK: CASES PRESENTATION CONSENSUS AND DISSENSUS

Discussants: *O. Alfieri, P. Denti,*

M. Vannan, S. Von Bardeleben

1.10

Lunch Workshops

3.10

LIVE CASE - LAA CLOSURE

Discussants: *E. Donal, J. Ribeiro, M. Tusa*

3.50

KEY LECTURES

Introduction

A. Colombo, J.L. Zamorano

■ State-of-the-art of transcatheter aortic valve replacement

G. Tarantini

■ Imaging of the aortic valve: what do we really need?

V. Delgado

4.20

MAIN SESSION

Transcatheter aortic valve replacement

WORKING TOGETHER

Chairpersons: *F. Antonini-Canterin,*

A. Colombo, T. Moccetti,

J.L. Zamorano

■ The planning process: 5 simple rules (Imager)

J. Morales

■ What do I need during procedure? (Interventionist)

C. Di Mario

■ Fluoroscopy is enough!! (Interventionist)

F. Bedogni

■ Not at all!! You need TEE and 3D!! (Imager)

M. Monaghan

■ Let's make a compromise: the minimalistic approach by TTE could be the best solution (Imager)

E. Brochet

■ I have to treat a patient with aortic regurgitation: is it possible? What do I need? (Interventionist)

S. Petronio

■ Yes!! Did I answer your question? (Imager)

E. Donal

■ Give me 5 simple rules to access PVL (Imager)

B. Cosyns

■ How can I diagnose thrombosis? (Imager)

M. Galderisi

5.40

Break

5.55

HEART TEAM AT WORK: CASES PRESENTATION CONSENSUS AND DISSENSUS

Discussants: *A. Castiglioni, A. Colombo,*

E. Donal, A. Margonato

7.00

Adjourn



8.10 **KEY LECTURES**
Introduction

F. Maisano, T. Moccetti

- The future of structural heart disease interventions
A. Colombo
- Lessons from MITRA-FR and Coapt Trials
M. Mack

8.50 **LIVE CASE - MITRACLIP**

Discussants: *A. Castiglioni, A. Latib, M. Mack*

9.40 **KEY LECTURE**
Introduction

A. Colombo

Hypertension, heart failure and coronary microvascular dysfunction: pathophysiology and therapeutic approaches
P.G. Camici

10.00 **KEY LECTURES**
Introduction

E. Agricola, M. Vannan

- State-of-the-art of transcatheter tricuspid valve therapy
F. Maisano
- The imaging for tricuspid interventions: what do we need and what is missing?
L. Badano

10.45 *Break*

11.00 **MAIN SESSION**
Interventional tricuspid valve therapy

WORKING TOGETHER

Chairpersons: *L. Badano, M. Mack*

- **Tricuspid clip**
What do I need? (Interventionist)
P. Denti

Did I answer your question? (Imager)
F. Faletra, J. Morales
- **TriCinch**
What do I need? (Interventionist)
N. Buzzatti

Did I answer your question? (Imager)
M. Vannan
- **Cardioband**
What do I need? (Interventionist)
S. Von Bardeleben

Did I answer your question? (Imager)
M. Zuber



■ **Forma**

What do I need? (Interventionist)

A. Latib

Did I answer your question?

(Imager)

N. Wunderlich

■ **Tricuspid valve replacement**

What do I need? (Interventionist)

A. Latib

What do I need? (Imager)

E. Agricola

12.50

**HEART TEAM AT WORK:
CASES PRESENTATION CONSENSUS
AND DISSENSUS**

Discussants: *M. De Bonis, A. Latib,
F. Maisano, M. Oppizzi*

2.00

Closing remarks



CALL FOR YOUNG INVESTIGATORS SESSION

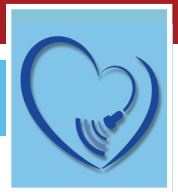
At IEC 2019, we would like to offer the opportunity to submit challenging cases about structural heart diseases.

Medical school graduates of all nationalities, up to the age of 40, are allowed to present cases (ppt presentation).

All those interested in taking part may submit a ppt presentation in English, to be sent to the Organising Secretariat (info@iecmilano.it) by **March 1st, 2019**.

- Accepted presentations will be discussed during the Sessions "Heart team atwork: cases presentation consensus and dissensus"
- Free registration will be offered to presenting Authors of accepted presentations
- Registration, travel and accommodation will be offered to presenting Authors of 1st, 2nd and 3rd classified presentation

USEFUL INFORMATION



Venue

San Raffaele Congress Centre

Address

Via Olgettina 58
20132 Milano IT

Airports

Milano Linate (MIL) - 7 km
Milano Malpensa (MXP) - 50 km
Orio al Serio (BGY) - 45 km

Railway Stations

Milano Centrale - 8 km
Milano Cadorna - 11 km
Milano Garibaldi - 10 km

Subway

Green line - Cascina Gobba station
People mover shuttle to San Raffaele Hospital

Bus

Line 925 (3rd stop)

Parking

indoor and outdoor pay parkings



Information



TAXI



Subway



Convention Center





USEFUL INFORMATION

Organising Secretariat

Achelois - Professional Congress Organiser

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Registration

To register, please visit the official website www.iecmilano.it

STANDARD RATE	€ 183,00 (VAT INCLUDED)
MEMBERS*	€ 122,00 (VAT INCLUDED)
EACVI HIT (<i>Heart Imagers of Tomorrow</i>)	FREE OF CHARGE
RESIDENTS**	FREE OF CHARGE
STUDENTS**	FREE OF CHARGE

- * Members of Italian Society of Echocardiography and CardioVascular Imaging (SIECVI), European Association of Cardiovascular Imaging (EACVI), Asian-Pacific Association of Echocardiography (AAE)
- ** A certification from the Institute will be requested

Educational Grants

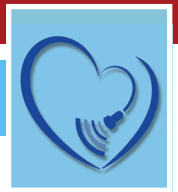
To receive information about benefit from industry grants for your participation, please write to: info@iecmilano.it



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Target Audience

The Interventional EchoCardiography is designed for cardiologists, cardiac imaging experts, interventional cardiologists, cardiac

anesthesiologists, cardiac surgeons, who are involved in catheter-based therapies for structural heart disease.

Learning Objective

- Illustrate the most common and the new transcatheter therapeutic options for structural heart diseases;
- Show the latest imaging techniques for procedural planning and intra-procedural monitoring;
- Discuss patient selection and procedural planning; which patient for which procedure;
- Demonstrate procedure-specific imaging needs;
- Recognize potential complications of percutaneous interventions for structural heart disease.

Useful information

- **Congress venue** San Raffaele Congress Centre, Milano - Italy
- **Official language** English
- **Registrations** Available on the congress website

For continually updated information

www.iecmilano.it