

PROMOTED BY



FONDAZIONE
INTERNAZIONALE
MENARINI

INTERNATIONAL CLOSED WORKSHOP

Ragusa

23rd - 24th June 2017

*Cardiac imaging in clinical
practice: the challenges that
we have won and those that
still lie ahead*



Under the auspices of:



Università degli
Studi di Messina



SIC Società Italiana di Cardiologia



Learning Objectives

At a time of great vivacity and of progress of cardiac imaging, it is my pleasure to introduce the International Workshop “**Cardiac Imaging In Clinical Practice**” that aims to take stock of “**the challenges that we have won and those that still lie ahead**” in the difficult path of the heart disease diagnosis.

The meeting will be divided into 4 mini-courses, with a very practical cut, where the current progress of various imaging techniques and of newest applied software will be highlighted. Furthermore, for each topic, the future applications of more advanced cardiac imaging, still under refinement, will be anticipated.

The four mini-courses will be completely dedicated to the most important cardiac imaging technologies in order to focus on specific modalities that are: 3D echocardiography, strain and vortex flow imaging, cardiac magnetic resonance and multimodality imaging.

Main topics of the mini courses are: valve heart disease, heart failure, cardiomyopathies, disease of the aorta, coronary artery disease, arrhythmias, cardiac resynchronization therapy and structural interventional cardiology.

Before or at the end of each course, one or more “breakingnews” lectures will be held by experts international cardiologists.

The lectures will face subjects of clinical cardiology (cardiac oncology, translational medicine, arrhythmias, cardiomyopathies, coronary artery disease etc.) and of cardiac imaging (advanced evaluation of systolic function, role of imaging in percutaneous valve procedures, fusion imaging, imaging of myocardial fibrosis, nuclear imaging in endocarditis and imaging of pericardial disease).

The international workshop will be opened to invited physicians who will have an unique chance to share their knowledge and expertise in the field of cardiac diseases management through advanced cardiac imaging.

Enjoy the meeting and your stay in Ragusa!

Titti Zito

FACULTY

NINA AJMONE MARSAN	Amsterdam (NL)	ROBERTA MANGANARO	Messina
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BIJOY KHANDHERIA	Milwaukee (USA)	MARIA CHIARA TODARO	Messina
GIOVANNI LA CANNA	Milano	MARIA PAOLA TRIFIRO'	Messina
SALVATORE LA CARRUBBA	Palermo	OLGA VRIZ	San Daniele del Friuli
MASSIMO LOMBARDI	San Donato Milanese	CONCETTA ZITO	Messina
FRANCESCO LUZZA	Messina		

MORNING Friday, June 23rd, 2017

10:00 Registration of participants and welcome coffee

10:30 **Opening Ceremony**

Greetings from University of Messina Authorities and from:

Prof. D. Cucinotta Director of Clinical and Experimental Medicine Department
AOU Policlinico G. Martino University of Messina

Prof. G. Oreto Director of Cardiology and CCU and of Postgraduate School in
Cardiovascular Diseases - AOUPoliclinico G. Martino University of Messina

Dr. F. De Luca Head of Unit for Patients' Safety and HTA - Health Department of Region Sicily

Prof. S. Carerj Director of Non invasive Cardiovascular Diagnostics Unit
AOU Policlinico G. Martino University of Messina

Dr. G. Caracciolo International Scientific Director Fondazione Internazionale Menarini

Dr. C. Zito Assistant Professor of Cardiovascular Disease
AOU Policlinico G. Martino University of Messina

OPENING LECTURE

11:00 Cardiac Imaging in 2017. From M-mode to the Fusion: is a true evolution?

SPEAKER: *F. Pinto*

PRESENTER: *S. Carerj*

COURSE 1 - 11:30 / 13:00

3D ECHOCARDIOGRAPHY FROM THE BASIC TO THE FUTURE

CHAIRPERSONS: *A. Manganaro, F. Benedetto, S. Novo*

11:30 CARDIAC ANATOMY: HOW TO ACQUIRE, HOW TO DISPLAY

F. Faletta

11:50 MITRAL VALVE: LAST NEWS FROM 3D TECHNOLOGY

G. La Canna

12:10 LEFT VENTRICLE QUANTIFICATION:

THE ROLE OF "HEART MODEL"

F. Faletta

12:30 AORTIC VALVE DISEASE THROUGH THE THIRD DIMENSION:
WHAT ADDITIONAL INSIGHT?

G. La Canna

Discussion 12:50 / 13:00

DISCUSSANTS: *G. Selvaggio, M. Cusmà Piccione, S. Scandura, M. P. Trifirò*

STATE OF THE ART LECTURE

13:00 Hypertrophic Cardiomyopathy: 50 year odyssey

SPEAKER: *B. Khandheria*

PRESENTER: *R. Citro*

13:30 Lunch

AFTERNOON Friday, June 23rd, 2017

BREAKING NEWS LECTURE

- 15:30** Bye, Bye EF
SPEAKER: *J. C. Plana*
PRESENTER: *G. Novo*

COURSE 2 - 16:00 / 17:30

DEFORMATION IMAGING AND FLUID DYNAMICS TO DATE

CHAIRPERSONS: *V. Calvi, M. P. Calabrò, F. Pitrolo*

- 16:00** GLS FROM THE BENCH TO THE BEDSIDE AND FUTURE CHALLENGES
C. Zito
- 16:20** OFF-LABEL APPLICATIONS OF 2D STRAIN: WHAT WE HAVE LEARNED
S. Carerj
- 16:40** STRAIN TO PREDICT ARRHYTHMIAS: TODAY AND TOMORROW
D. Mele
- 17:00** FLUID DYNAMIC:
CARDIAC RESYNCRONIZATION THERAPY AND BEYOND
G. Pedrizzetti

Discussion 17:20 / 17:40

DISCUSSANTS: *C. Buceti, S. La Carrubba, S. Miceli, L. Oreto, G. Picciolo*

- 17:40** Coffee break

LECTURES POINT

Hot topics in clinical cardiology

- 18:00** Cardioncology 2017
SPEAKER: *J. C. Plana*
PRESENTER: *I. P. Monte*
- 18:30** Translational research in the quest for novel HF therapies
SPEAKER: *C. G. Tocchetti*
PRESENTER: *M. Tescione*
- 20:00** Dinner

MORNING Saturday, June 24th, 2017

EXPERT READING

- 09:00** Myocardial fibrosis by CMR: from reparative to interstitial fibrosis
SPEAKER: *M. Lombardi*
PRESENTER: *F. Antonini Canterin*

COURSE 3 - 09:30 / 11:00

MAGNETIC RESONANCE IMPROVES

CHAIRPERSONS: *G. Oreto, F. Arrigo, S. Carerj*

- 09:30** CARDIAC IMAGING OF MYOCARDIAL ISCHEMIA
A. Pingitore
- 09:50** CARDIAC IMAGING OF MYOCARDITIS
J. Bogaert
- 10:10** CARDIAC IMAGING OF CARDIOMYOPATHIES
G. Di Bella
- 10:30** CARDIAC IMAGING OF SUDDEN DEATH
G. Aquaro

Discussion 10:50 / 11:10

DISCUSSANTS: *G. Falanga, R. Donato, C. Franzutti, M. C. Todaro*

- 11:10** Coffee break

KEY NOTE LECTURES

Challenges in Cardiology

- 11:40** LV Non Compaction: State of the Art Imaging
SPEAKER: *B. Khandheria*
PRESENTER: *F. Luzza*
- 12:10** Takotsubo cardiomyopathy: a comprehensive overview
SPEAKER: *A. Prasad*
PRESENTER: *O. Vríz*
- 12:40** Pathophysiology of functional tricuspid regurgitation: new insights from 3D echocardiography
SPEAKER: *L. Badano*
PRESENTER: *C. Zito*
- 13:15** Lunch

AFTERNOON Saturday, June 24th, 2017

COURSE 4 - 14:45 / 16:15

MULTIMODALITY IMAGING HAS BEEN INCLUDED IN

CHAIRPERSONS: *S. Felis, L. Patanè, A. Nicosia*

14.45 PATIENTS' SELECTION FOR TAVR

N. Ajmone Marsan

15.05 INTERVENTIONAL MITRAL VALVE PROCEDURES

B. Khandheria

15.25 ICD AND CRT-DEVICES IMPLANTATION:
FOR IMPROVING CURRENT INDICATIONS

M. Bertini

15.45 AORTOPATHIES MANAGEMENT

N. Ajmone Marsan

Discussion 16:05 / 16:15

DISCUSSANTS: *R. Manganaro, P. Crea, S. Mangano, G. Giordano*

Coffee station

EXPERT READINGS

16.15 Cardiac Multimodality Imaging in Coronary Artery Disease

SPEAKER: *F. Pinto*

PRESENTER: *F. Benedetto*

16.45 Fusion Imaging: are we ready?

SPEAKER: *F. Faletra*

PRESENTER: *W. D'Este*

17.15 Nuclear Medicine Imaging in Endocarditis

SPEAKER: *S. Baldari*

PRESENTER: *A. Migliorato*

CLOSURE LECTURE

17.45 Pericardial Imaging

SPEAKER: *J. Bogaert*

PRESENTER: *G. Di Bella*

18.15 **CLOSING REMARKS**

SPEAKER: *C. Zito*

MEETING VENUE

Donnafugata Congress Centre

Contrada Piombo. 97100 RAGUSA - Ph. +39 0932 914264

- *Lunches and coffee breaks will be served in the Meeting area*
- *Participants will receive the Abstract book at the Meeting*

SCIENTIFIC DIRECTOR

Concetta Zito

Cardiology - Department of Clinical and Experimental Medicine - University of Messina

CO-PRESIDENTS OF THE WORKSHOP

Scipione Carerj & Giuseppe Oreto

Cardiology - Department of Clinical and Experimental Medicine - University of Messina

INTENDED AUDIENCE

This workshop is intended for cardiologists, sonographers, cardiac surgeons, interventional cardiologists, cardiovascular fellows

PROMOTED BY

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