

COURSE OVERVIEW

A basic and advanced interactive course about 4D echocardiography using different imaging scanners, and workstations to foster the implementation of 4D echocardiography imaging in the daily routine of the echo labs.

This course includes both live scanning sessions with models and expert guided hands-on sessions on workstations.

WHO SHOULD YOU ATTEND

This activity is designed for cardiologists, cardiac surgeons, interventional cardiologists, anesthesiologists, sonographers, who require advanced training in 4D TTE and 4D TEE, and for those who want to understand the added value of 4D echocardiography to assess the anatomy and the pathophysiology of various heart diseases to plan surgical and interventional procedures.

LEARNING OBJECTIVES

Upon completion of this program, participants will be better able to:

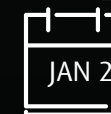
- Understand the added value of 4D echocardiography to assess the anatomy and the pathophysiology of the various heart diseases and be able to incorporate its use in the daily practice of the echo lab
- Integrate 4D echocardiography information in the clinical decision making
- Assess cardiac chamber geometry and function using 4D echocardiography
- Use 4D echocardiography to perform quantitative analysis of heart valve morphology and function
- Define the most important clinical uses of 4D TTE and TEE
- Understand the role of 4D echocardiography in structural heart disease interventions
- Recognize the role of 4D echocardiography to assess the most common congenital heart defects

IMPLEMENTATION OF 4D TTE AND 4DTEE IN THE ROUTINE OF THE ECHOCARDIOGRAPHY LABORATORY

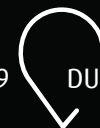
4D TTE and 4D TEE theoretical and practical course with live scanning and hands-on sessions on workstations

QUESTIONS?

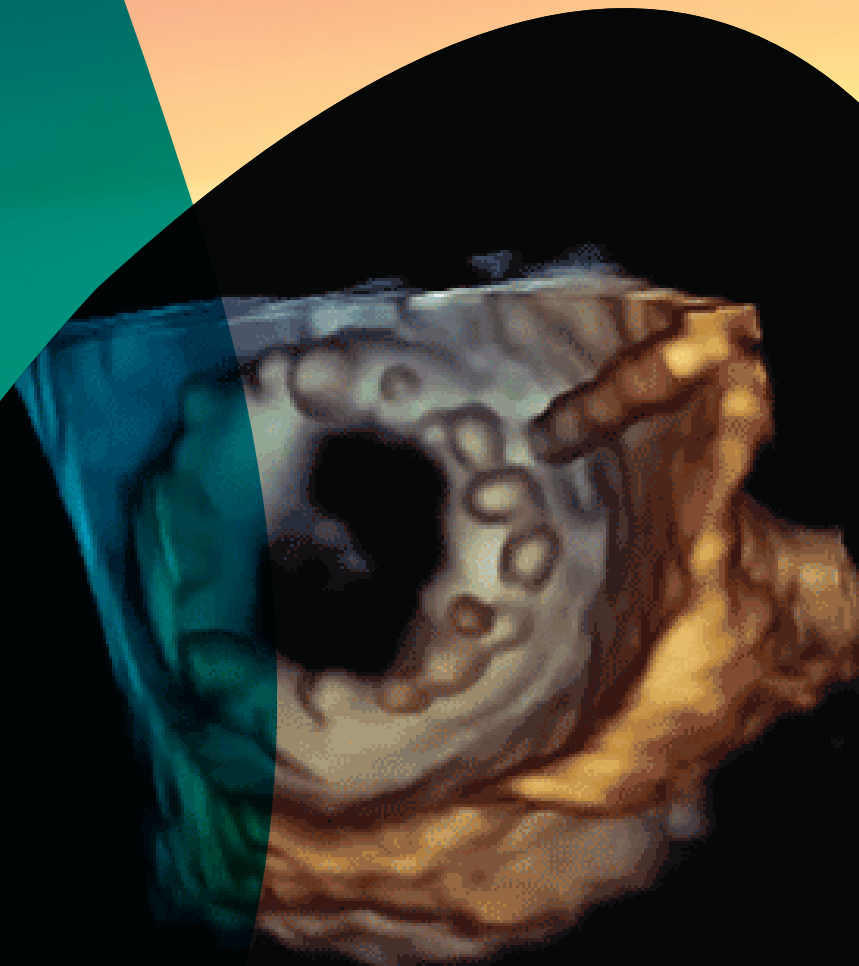
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JAN 24 TO 26, 2019



DUBAI



CONFERENCE DETAILS

LOCATION

Dubai/ UAE

HOTEL ACCOMODATION

Rooms at discounted prices are available

EVENT FEES

Through Nov. 30th. 2018
Physicians 5500 AED

Sonographers 5000 AED

After Nov. 30th.2018
Physicians 6000 AED

Sonographers 5500 AED

REFUND

Full refund before Dec. 1st. 2018

ACCREDITATION

To be announced

SEATS

Limited seats available

FOOD AND BEVERAGES

Snacks, coffee, and lunch are offered

PARKING

Valet parking available

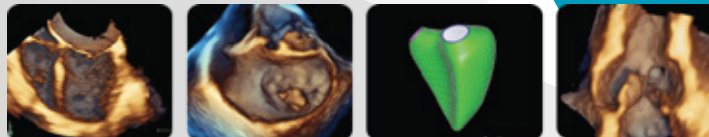
SCIENTIFIC PROGRAM

Thursday, January 24th, 2019

08.30-09.00	Registration/ coffee/ snacks	
09.00-09.30	Basics of 4D echocardiography	Luigi Badano
09.30-10.00	Acquisition of 4D data sets	Denisa Muraru
10.00-10.30	Display and post processing of 4D data sets	Denisa Muraru
10.30-11.00	Coffee	
11.00-12.30	Hands-on session I: Acquisition of left heart structures using the matrix probe (biplane, LV triplane and 4D full volume, 4D zoom, 4D color)	
12.30-13.30	Lunch	
13.30-14.00	Platinum Sponsor speaker	
14.00-15.00	The added value of 3D echo for assessing the mitral valve	Luigi Badano
15.00-15.30	The added value of 3D echo for assessing the aortic valve	Denisa Muraru
15.30-16.00	Coffee	
16.30-17.30	Workstation Session: mitral valve quantification	

Friday, January 25th, 2019

08.30-09.00	Registration/ coffee/ snacks	
09.00-10.00	The added value of 3D echo for assessing the left ventricle	Luigi Badano
10.00-10.30	4D strain	Denisa Muraru
10.30-11.00	Coffee	
11.00-11.30	The added value of 3D echo for assessing the left atrium	Denisa Muraru
11.30-12.30	Work Station: LV and LA quantification	
12.30-13.30	Lunch	
13.30-14.30	The added value of 3D echo for assessing the right ventricle	Denisa Muraru
14.30-15.00	Q&A	
15.00-15.30	Hands-on session: Acquisition of right heart structures	
15.30-16.00	Coffee	
16.00-16.30	More Hands-on	
16:30-17:00	The added value of 3D echo for assessing the tricuspid valve	Luigi Badano



Saturday, January 26th, 2019

08.30-09.00	Registration/ coffee/ snacks	
09.00-09.30	How to implement 3DE in the routine of the echo lab	Luigi Badano
09.30-10.00	The added value of 3D echo for assessing cardiac masses	Denisa Muraru
10.00-10.30	4D stress echo	Luigi Badano
10.30-11.00	Coffee	
11.00-12.30	Workstation Session: quantification of LV, RV, mitral valve and masses	
12.30-13.30	Lunch	
13.30-14.30	Mitral Clip and TAVI procedure	Luigi Badano
14:30-15:00	ASD and LAA closure	Denisa Muraru
15.00-15:30	Clinical cases showing the added value of 3D echo	

KEYNOTE SPEAKERS



LUIGI P. BADANO
MD, PhD, FESC, FACC

Prof Badano is Professor of cardiovascular imaging at the University of Padua School of Medicine, Padua, Italy and currently serves as the Director of the Echocardiography laboratory.



DENISA MURARU
MD, PhD

Denisa Muraru is a cardiologist, currently working as a researcher and echocardiographer at the University of Padua (Italy).
Chair of the Education Committee of the European Association of Cardiovascular Imaging (EACVI)