

COURSE OVERVIEW

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

This course includes 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 understand the anatomy and pathophysiology in various heart diseases and guide 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

PLATINUM SPONSOR



GOLD SPONSOR

GE Healthcare



PHILIPS



WHY AND HOW TO IMPLEMENT 4D TTE AND 4D TEE IN THE ROUTINE OF THE ECHOCARDIOGRAPHY LABORATORY

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

QUESTIONS?

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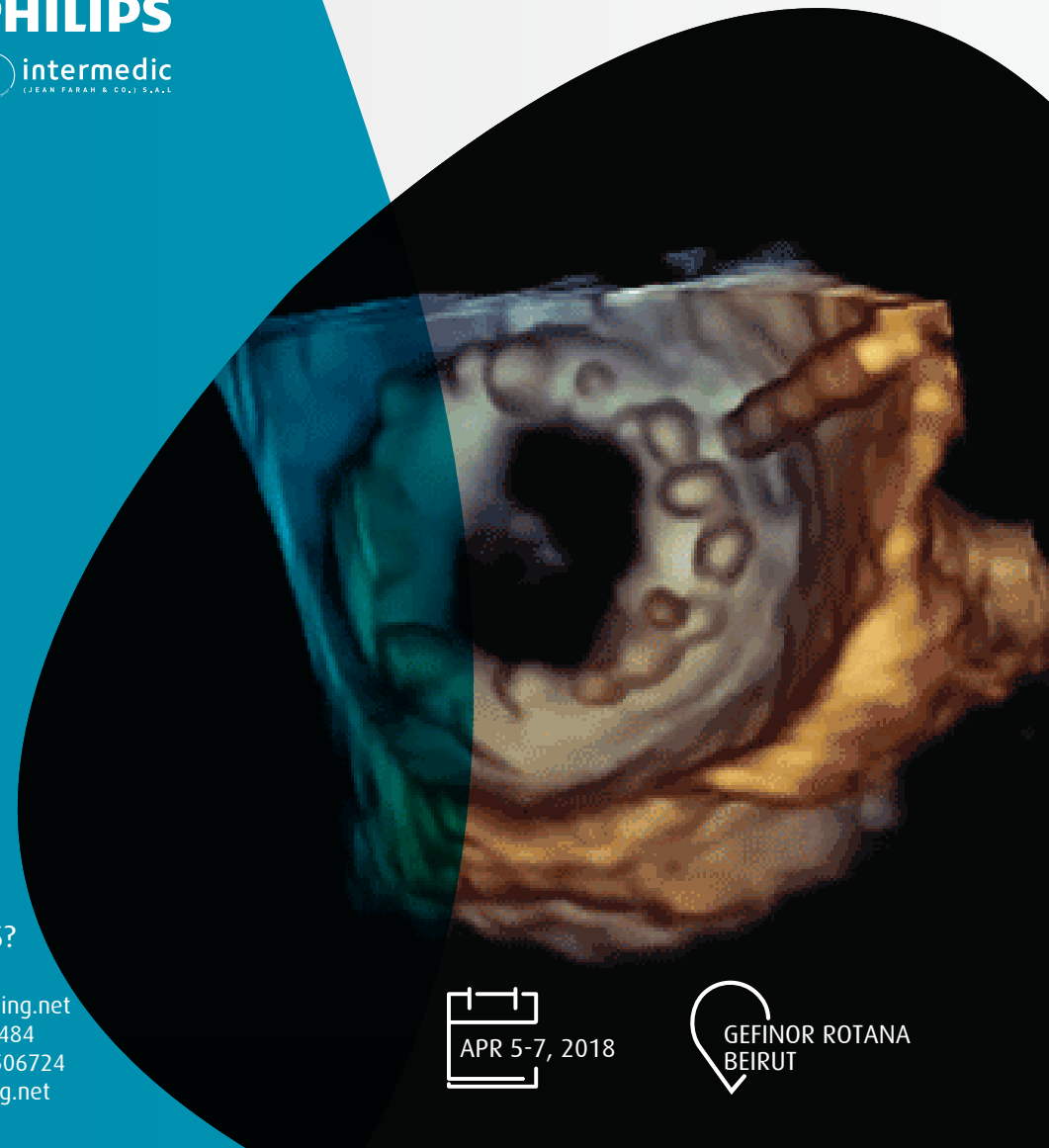
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www.echotraining.net



APR 5-7, 2018



CONFERENCE DETAILS

LOCATION

Gefinor Rotana
P.O. Box 113-5202
Beirut, Lebanon
Tel. +961 (1) 371888/ Fax +961 (1) 360831

DISCOUNTED HOTEL ACCOMMODATIONS

Single: \$ 110+ VAT per night
Double: \$ 125+VAT per night
Complimentary wireless internet
Contact: res.gefinor@rotana.com & mention Medical Training Consultancy

EVENT FEES

\$ 1500
Limited seats
Group and Early bird discount available

ACCREDITATION

To be announced

FOOD AND BEVERAGES

Snacks, coffee, and lunch are offered

PARKING

Valet parking available

SCIENTIFIC PROGRAM

Thursday, April 5th, 2018

08.30-09.00	Registration/ coffee/ snacks	
09.00-09.30	Basics of 4D echocardiography	Luigi Badano
09.30-10.00	4D data sets: acquisition, display and post-processing	Denisa Muraru
10.00-10.30	Platinum speaker	
10.30-11.00	Coffee	
11.00-11.45	Live session I: Multiplane and 4D acquisitions (live, full-volume, zoom, color)	
11.45-12.30	Workstation Session: AFI 2D & Tri-Plane	
12.30-13.30	Lunch	
13.30-14.00	Mitral valve	Luigi Badano
14.00-14.30	Aortic valve	Denisa Muraru
14.30-15.00	Tricuspid valve	Luigi Badano
15.00-15.30	Coffee	
15.30-16.30	Live session II: Image acquisition: heart valves	
16.00-17.15	Workstation: Valve quantitation	

Friday, April 6th, 2018

08.30-09.00	Registration/ coffee/ snacks	
09.00-09.30	Left ventricle	Luigi Badano
09.30-10.00	Right ventricle	Denisa Muraru
10.00-10.30	AFI and 4D data acquisition during stress	Luigi Badano
10.30-11.00	Coffee	
11.00-11.30	Left atrium	Denisa Muraru
11.30-12.30	Live session: left ventricular data set acquisition	
12.30-13.30	Lunch	
13.30-14.00	4D-Strain analysis	Denisa Muraru
14.00-15.00	Workstation Session: post-processing and quantitation of left ventricular data sets	
15.30-16.00	Coffee	
16.00-16.45	Live session: right ventricular data set acquisition	
16.45-17.15	Workstation Session: post-processing and quantitation of right ventricular data sets	

Saturday, April 7th, 2018

08.30-09.00	Registration/ coffee/ snacks	
09.00-09.30	Current status of 4D TEE/TTE: indications and guidelines	Luigi Badano
09.30-10.00	Data Acquisition in 4D-TEE	Denisa Muraru
10.00-10.30	Workstation session: 4D TEE data set navigation	
10.30-11.00	Coffee	
11.00-11.30	Atrial septal defects and PFO closure	Denisa Muraru
11.30-12.00	MitraClip procedure (Luigi Badano)	Luigi Badano
12.00-12.30	Left atrial appendage closure	Denisa Muraru
12.30-13.30	Lunch	
13.30-14.00	Congenital diseases /masses	
14.00-15.00	Workstation Session: aortic annulus sizing for TAVR, mitral valve analysis for Mitral Clip, quantification of LAA, ASD, perivalvular leak	
15.00-16.30	The added value of 4D echocardiography. Clinical cases presented by the Faculty and attendees	

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)

