

COURSE OVERVIEW

A basic and advanced interactive course about 3D echocardiography using different vendors and workstations to foster the implementation of 3D echocardiography imaging in the daily routine of the echo labs.

This course includes live scanning sessions with 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 3D TTE and 3D TEE, and for those who want to understand the added value of 3D 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 3D 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 3D echocardiography information in the clinical decision making
- Assess cardiac chamber geometry and function using 3D echocardiography
- Use 3D echocardiography to perform quantitative analysis of heart valve morphology and function
- Define the most important clinical uses of 3D TTE and TEE
- Understand the role of 3D echocardiography in structural heart disease interventions
- Recognize the role of 3D echocardiography to assess the most common congenital heart defects

PLATINUM SPONSOR

TOMTEC



Presents for the first time in KSA

HOW AND WHY TO IMPLEMENT 3DE IN THE ROUTINE OF THE ECHOCARDIOGRAPHY LABORATORY

3D TTE and TEE practical course with live scanning and hands-on sessions on workstations

QUESTIONS?

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FEB 20-22, 2020



TBA
RIYADH - KSA

CONFERENCE DETAILS

LOCATION

The Academy of Sciences
Riyadh, Saudi Arabia

EVENT FEES

\$ 1500 | SR 5624
Limited seats
Group and Early bird discount available

PAYMENT METHOD

Please visit our website: www.echotraining.net

ACCREDITATION

Saudi Accreditation (In Process)
American Society of Echo 12 CEU

FOOD AND BEVERAGES

Snacks, coffee, and lunch are offered

SPONSORS

Platinum Sponsor Tomtec
Gold Sponsor GE

SCIENTIFIC PROGRAM

Feb.20th, 2020

8:00-8:30	Registration
8:30-8:45	Welcome and Introduction
8:45-9:00	Sponsor Speaker
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9:00-9:30	SESSION 1.1 – General principles of 3D echocardiography
9:30-10:00	Basics of 4D echocardiography
10:00-10:30	Acquisition of 4D data sets
10:30-11:00	Display and post processing of 4D data sets
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10:30-11:00	Coffee break
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	SESSION 1.2 Workstation session.
11:00-12:30	Acquisition Using Models or Knobology on Workstations
12:30-13:30	Lunch
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	SESSION 1.3
13:30-14:00	Left ventricle
14:00-14:30	Right ventricle
14:30-15:00	Atria
15:00-15:45	Off line RV Tomtec workstation
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15:45-16:15	Coffee break
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	SESSION 1.4 Workstation session.
16:15-17:15	Quantifying cardiac chamber geometry and function

Feb.21th, 2020

8:00-9:00	Feel Free to work on preferred workstation
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	SESSION 2.1 – Anatomy and function of cardiac valves
9:00-9:30	Mitral valve
9:30-10:00	Aortic valve
10:00-10:30	Tricuspid valve
10:30-11:00	Coffee break
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	SESSION 2.2 Workstation session.
11:00-12:00	How to assess anatomy, geometry and function of cardiac valves
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12:00-13:00	Lunch
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13:00-13:30	Off-line 2D strain Tomtec workstation
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	SESSION 2.3 Congenital heart diseases
13:30-14:30	Simple congenital heart diseases (except ASD)
14:30-15:30	Anatomy of ASD/PFO and monitoring their closure
15:30-16:00	Coffee break
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	SESSION 2.4 Workstation session.
16:00-17:00	Bring your cases. Interactive discussion of clinical cases with the faculty

Feb.22th, 2020

8:00-9:00	Feel Free to work on preferred workstation
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	SESSION 3.1 – Miscellaneous
9:00-9:30	Cardiac masses
9:30-10:00	Stress echo or 3D strain
10:00-10:30	How to implement 3DE in the routine of the echo lab?
10:30-11:00	Coffee break
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	SESSION 3.2 Workstation session.
11:00-12:30	You will be the teacher? Refresh about the use of the various software packages
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12:30-13:30	Lunch
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13:30-14:15	Off-line 3D strain Tomtec workstation
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	SESSION 3.3 3DE in the cath lab
14:15-14:45	Monitoring Mitral-Clip procedure and assessing its results
14:45-15:45	Monitoring left atrial appendage closure
15:45-16:45	Closing remarks

KEYNOTE SPEAKER



LUIGI P. BADANO
MD, PhD, FESC, FACC, Hon. FASE

Prof. Badano currently serves as a director of the cardiovascular imaging laboratory at the Istituto Auxologico Italiano, IRCCS, Milan (IT) and a professor of cardiology at the University of Milano-Bicocca, Milan, Italy.