

BASIC KNOWLEDGE IN ADVANCED ECHO TECHNIQUES

With hands-on teaching sessions

(Speckle-tracking echocardiography, 3D echocardiography)

**Organized by the European Association of Cardiovascular Imaging
(EACVI) Heart Imagers of Tomorrow and the
Working Group of Echocardiography and other Imaging modalities
of the Romanian Society of Cardiology**

Endorsed by the European Association of Cardiovascular Imaging

Organizing Committee:

Prof. Dragos Vinereanu, Bucharest, Romania, President-elect of the Romanian Society of Cardiology, EACVI member

Prof. Bogdan A. Popescu, Bucharest, Romania, President-elect of the EACVI, Vice-President of the Romanian Society of Cardiology

Dr. Matteo Cameli, Siena, Italy, Committee Member of the EACVI Heart Imagers of Tomorrow, member of the EACVI TTE Certification Committee

Dr. Sorina Mihaila, Bucharest, Romania, Committee Member of the EACVI Heart Imagers of Tomorrow

Dr. Ruxandra Jurcut, Bucharest, Romania, President of the Romanian Working Group of Echocardiography and other Imaging modalities, Member of the EACVI Education Committee

International Faculty:

Prof. Luigi Paolo Badano, Padova, Italy, Past President of the EACVI

Prof. Thor Edvardsen, Oslo, Norway, Chair, EACVI Scientific Documents Committee

Dr. Denisa Muraru, Padova, Italy, Past Chair of the Club 35 EACVI, Member of the EACVI Scientific Documents Committee

Dr. Matteo Cameli, Siena, Italy, Committee Member of the EACVI Heart Imagers of Tomorrow, member of the EACVI TTE Certification Committee

National Faculty:

Assoc. Prof. Cristian Mornos, Timisoara, Romania, Secretary of the Romanian Working Group of Echocardiography and other Imaging modalities, EACVI member

Dr. Ovidiu Chioncel, Bucharest, Romania, Board member, Romanian Society of Cardiology, EACVI member

Basic Course in Advanced Echo Techniques Endorsed by

Dr. Monica Rosca, Bucharest, Romania, Member of the Romanian Working Group of Echocardiography and other Imaging modalities, EACVI member

Dr. Roxana Rimbas, Bucharest, Romania, Member of the Romanian Working Group of Echocardiography and other Imaging modalities, EACVI member

Dr. Maria Magdalena Gurzun, Bucharest, Romania, Committee Member of the EACVI Heart Imaging of Tomorrow, Member of the Romanian Working Group of Echocardiography and other Imaging modalities

Dr. Andrea Ciobanu, Bucharest, Romania, Member of the Romanian Working Group of Echocardiography and other Imaging modalities, EACVI member

Project Officer at the EACVI

Camille Granier-Brunello, France

SINAIA, ROMANIA

Hotel International

25th September 2016

Scientific Programme, Sunday, 25th September 2016

MORNING SESSIONS	
8.30-8.50	Welcome address - Dragos Vinereanu and Bogdan A. Popescu Introduction and purpose of the course - Sorina Mihaila and Matteo Cameli
Chairpersons: Dragos Vinereanu, Thor Edvardsen	
8.50-9.10	Basic principles of deformation imaging. TDI and Speckle Tracking Strain Echocardiography - Dragos Vinereanu
9.10-9.30	Clinical applications of deformation imaging – Matteo Cameli
9.30-9.50	Tips and tricks for imaging deformation acquisition and analysis – Thor Edvardsen
9.50-10.10	Stress echocardiography – Monica Rosca
10.10-10.30	Basic principles of 3D transthoracic echocardiography acquisition and display – Luigi Paolo Badano
10.30-11.00 Coffee break	
11.00-12.30	Hands-on sessions (Workstations from GE, Siemens and Philips – Clinical cases showing 2D speckle tracking strain of the LV and the LA, TDI analysis, etc) GE workstations – Bogdan A. Popescu and Thor Edvardsen Siemens workstations – Sorina Mihaila and Magdalena Gurzun Philips workstations – Ovidiu Chioncel and Andrea Ciobanu
12.30-13.30 Lunch	

Basic Course on Three-Dimensional Echocardiography Endorsed by

Chairpersons: Luigi Badano, Matteo Cameli	
13.30-13.50	Left ventricular size and function by 3DE – Ovidiu Chioncel
13.50-14.10	Right ventricular size and function by 3DE – Luigi Badano
14.10-14.30	Left atrial size and function by 3DE – Denisa Muraru
14.30-14.50	2DE, 3DE or CMR for chamber quantification? – Roxana Rimbas
14.50-15.10	The added value of 3D transesophageal echo – Bogdan A. Popescu
15.10-15.40 Coffee break	
AFTERNOON SESSIONS	
Chairpersons: Bogdan A. Popescu, Denisa Muraru	
15.40-16.00	The mitral valve assessment by 3DE – Sorina Mihaila
16.00-16.20	The forgotten valve: tricuspid valve assessment using 3DE – Denisa Muraru
16.20-16.40	Imaging in ischemic heart disease – Dragos Vinereanu
16.40-17.00	Imaging in pulmonary hypertension – Ruxandra Jurcut
17.00-17.20	Imaging in cardiomyopathies – Cristian Mornos
17.20-18.50	Hands-on sessions (Workstations from GE, Philips and Siemens – Clinical cases showing the 3D analysis of the LV and RV volumes and EF, mitral valve prolapse by 3D transesophageal echo, mitral regurgitation assessment using 3D PISA, etc) GE workstations – Denisa Muraru and Luigi Badano Philips workstations – Ovidiu Chioncel and Andrea Ciobanu Siemens workstations – Sorina Mihaila and Magdalena Gurzun

18.50-19.00 – Conclusions of the course. Final remarks.

The course will be conducted in English. The lectures will last maximum 16 minutes allowing for 4 minutes of discussion after each presentation.