



Bulgarian  
Society of Cardiology

MEMBER OF THE ESC



*18 October 2014*

*Sofia, Bulgaria*

# **Echocardiography for trainees**

Teaching course with hands-on sessions

*Organized by the EACVI Club 35 and Bulgarian  
Working Group of Echocardiography*

## Organizing committee

Associate Professor Yoto Yotov

Iana Simova

Krasimira Hristova

## Scientific committee

Raluca Dulgheru, Liège, Belgium

Maurizio Galderisi, Naples, Italy

Krasimira Hristova, Sofia, Bulgaria

Denisa Muraru, Padua, Italy

Associate professor Bogdan A. Popescu, Bucharest, Romania

Iana Simova, Sofia, Bulgaria

Associate professor Yoto Yotov, Varna, Bulgaria

# Scientific Programme

08:30 - 08:45 Opening and presentation of the course  
Yoto Yotov

## Session I

### **Speckle-tracking echocardiography**

Moderators: Maurizio Galderisi, Ely Kinova

08:45-09:15 Principles of speckle-tracking echocardiography - How does it work, what does it add?

Bogdan A. Popescu

09:15-09:45 Clinical applications of LV deformation analysis

Bogdan A. Popescu

09:45-10:15 How to measure right ventricular deformation? - Does it have an added value in comparison to standard techniques?

Denisa Muraru

10:15-11:15 *Practical session with hands-on tutorial on workstations: speckle-tracking echocardiography*

Bogdan A. Popescu, Iana Simova

11:15-11:30 Coffee break

## Session II

### **3D echocardiography**

Moderators: Bogdan A. Popescu, Krasimira Hristova

11:30-12:00 3D echocardiography for assessing heart chambers

Denisa Muraru

12:00-12:30 3D echocardiography for assessing heart valves

Raluca Dulgheru

12:30-13:30 *Practical session with hands-on tutorial on workstations: 3D echocardiography*

Denisa Muraru, Raluca Dulgheru

13:30-14:30 Lunch

## Session III

### **Stress echocardiography and heart valve disease**

Moderators: Denisa Muraru, Sotir Marchev

14:30-15:00 Different stress echocardiography modalities

Maurizio Galderisi

15:00-15:30 Aortic stenosis in the setting of normal or reduced ejection fraction  
- Role of stress echocardiography

Iana Simova

15:30-16:00 Organic and functional mitral regurgitation - Difference in severity estimation and management

Yoto Yotov

16:00-17:00 *Practical session with hands-on tutorial on workstations: valvular heart disease*

Maurizio Galderisi, Denisa Muraru

17:00-17:15 Coffee break

## Session IV

### **Diastolic function and athlete's heart**

Moderators: Tzvetana Katova, Raluca Dulgheru

17:15-17:45 How to assess diastolic function in different clinical situations?

Rumiana Radoslavova

17:45-18:15 Athlete's heart - How to differentiate sport physiology from pathology?

Maurizio Galderisi

18:15-19:15 Clinical case presentations by EACVI Club 35 members

Alexander Nossikoff, Svetlin Tsonev, Sofia Georgieva, Desislava Petrova

Discussants: Bogdan A. Popescu, Maurizio Galderisi

19:15-19:30 Closing remarks

## Faculty:

Raluca Dulgheru*	CHU Sart Tilman, Liège, Belgium
Maurizio Galderisi	University of Naples Federico II, Naples, Italy
Sofia Georgieva*	National Cardiology Hospital, Sofia, Bulgaria
Krasimira Hristova	National Cardiology Hospital, Sofia, Bulgaria
Tzvetana Katova	National Cardiology Hospital, Sofia, Bulgaria
Ely Kinova	University Hospital “Queen Joanna”, Sofia, Bulgaria
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*\*EACVI Club 35 members*