



EAE TEACHING COURSE

Echocardiographic Techniques and Clinical Applications

organized in collaboration with the Serbian Society of Echocardiography

Belgrade, Serbia
October 5-6, 2007

Venue

Serbian Academy of Sciences and Arts, Belgrade

Course Directors

Andrade, Maria João, *Portugal*
Neskovic, Aleksandar N, *Serbia*

Lecturers

Andrade, Maria Joao (*Portugal*), *Board member EAE*
Athanasopoulos, Georges (*Greece*), *secretary EAE*
Badano, Luigi (*Italy*), *Board member EAE*
Fraser, Alan (*United Kingdom*), *immediate past president EAE*
Neskovic, Aleksandar N (*Serbia*), *accreditation committee member EAE*
Nihoyannopoulos, Petros (*United Kingdom*), *president EAE*
Pinto, Fausto (*Portugal*), *past president EAE*
Popescu, Bogdan A (*Romania*), *Board member EAE*
Ristic, Arsen D (*Serbia*)

Local Faculty *(chairpersons, case presentations, live scanning)*

Beleslin, Branko
Cvorovic, Vojkan
Deljanin-Ilic, Marina
Djordjevic-Dikic, Ana
Jovanovic, Ida
Kalimanovska-Ostric, Dimitra
Lazarevic, Aleksandar
Stepanovic, Jelena
Stojnic, Bojan
Putnikovic, Biljana
Vlahovic-Stipac, Alja
Vujisic-Tesic, Bosiljka

Course Objectives

This course has been designed for cardiology fellows, cardiologists and cardiology related practitioners (i. e. anaesthesiologists, sonographers) to provide a high-quality and authoritative “state of the art” review of the different topics of echocardiography, including: standard echocardiographic examination using different echo techniques, reading and reporting of echocardiographic data, myocardial function, valvular disease, cardiomyopathies, prosthetic valves, coronary artery disease, pericardial disease, diseases of great vessels.

These topics will be addressed by the lectures, case presentations, and live case demonstrations (with scanning of patients by members of the faculty).

Interactive discussion between faculty and course participants will be strongly encouraged.

The course might be valuable part of the preparation for the EAE transthoracic echo exam.

Registration

Registration fee is 100 Euros.

Registration fee entitles participants to the following:

- Entry to the lecture room
- Entry to the exhibition hall
- Entry to hands on sessions

For **All Information**, please contact:

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Final Programme of the Course

Friday, October 5

08:30

Opening of the course: introductory remarks

08:45-09:05

How to perform complete 2D echo study: standard views and anatomic correlations
Georges Athanassopoulos

09:05-09:25

Standard Doppler assessment: spectral, colour, tissue
Maria Joao Andrade

09:25-09:45

Echocardiographic reading and reporting
Petros Nihoyannopoulos

09:45-10:00

Discussion / Questions from the audience

10:05-10:20

Coffee break

10:20-10:40

Assessment of global and regional LV systolic function
Alan Fraser

10:40-11:00

Assessment of LV diastolic function and noninvasive estimation of filling pressures
Bogdan A. Popescu

11:00-11:20

Contrast echocardiography: principles and clinical applications
Petros Nihoyannopoulos

11:20-11:40

How to set-up digital echo-lab: organization and cost-effectiveness?
Luigi Badano

11:40-11:55

Discussion / Questions from the audience

11:55-12:15

Coffee break

12:15-12:35

Echocardiographic assessment of mitral regurgitation: causes; severity; acute vs. chronic MR; follow-up; candidate for surgery; guiding MV repair?
Alan Fraser

12:35-12:55

Echocardiographic assessment of aortic regurgitation: causes; severity; acute vs. chronic AR; follow-up; candidate for surgery?

Fausto Pinto

12:55-13:10

Discussion / Questions from the audience

13:10-14:45

Lunch break

14:45-15:05

Echocardiographic assessment of mitral stenosis: severity, consequences, and treatment selection

Bogdan A. Popescu

15:05-15:25

Echocardiographic assessment of aortic stenosis: transvalvular gradients vs. aortic valve area; low gradient aortic stenosis

Georges Athanassopoulos

15:25-15:45

Approach to the patient with asymptomatic significant chronic valve disease: follow-up, timing for surgery, testing

Fausto Pinto

15:45-16:05

Infective endocarditis: echo guided therapeutic approach

Fausto Pinto

16:05-16:20

Discussion / Questions from the audience

16:20-17:40

Coffee break

17:40-18:40

Experts read echoes for you!

Interactive session: cases from the audience discussed by the faculty

Announcement

Saturday, October 6

08:30-08:50

Essentials of stress echocardiography

Georges Athanassopoulos

08:50-9:10

The role of echo in acute myocardial infarction and complications of acute MI

Aleksandar N. Neskovic

09:10-9:30

Dilated cardiomyopathy: echo features, contractile reserve, selection for resynchronization therapy

Luigi Badano

09:30-09:50

Hypertrophic cardiomyopathy: echo features; echo guided therapeutic approach

Alan Fraser

09:50-10:05

Discussion / Questions from the audience

10:05-10:25

Coffee break

10:25-10:45

Assessment of the right ventricle

Petros Nihoyannopoulos

10:45-11:05

Pericardial diseases: effusion, masses, constriction vs restriction, echo guided pericardiocentesis

Arsen D. Ristic

11:05-11:25

The role of echo in pulmonary embolism

Aleksandar N. Neskovic

11:25-11:45

The role of echo in aortic diseases

Maria Joao Andrade

11:45-12:00

Discussion / Questions from the audience

12:00-12:20

Coffee break

12:20-12:40

Intracardiac masses and sources of emboli: case presentations and images

Bogdan A. Popescu

12:40-13:00

How to assess prosthetic valves: normal features; gradients; leaks; thrombosis

Luigi Badano

13:00-13:15

Discussion / Questions from the audience

13:15-13:30

Closing Remarks

Hands-on sessions with faculty:

normal 2D and Doppler examination, views, pitfalls

9:30-11:00, *during morning sessions on Friday and Saturday*

Hands-on sessions with faculty:

standard tissue Doppler examination, pitfalls

11:30-13:00, *during morning sessions on Friday and Saturday*

Exhibition

during whole duration of the course