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L Badano

Y Yotov

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Krasimira Hristova, Sofia, Bulgaria

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Sotir Marchev, Pleven, Bulgaria

Tsvetana Katova, Sofia, Bulgaria

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EVENT MANAGER



Company for International Meetings Ltd. www.cim.bg

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VENUE

Inter Expo Center - Sofia Address: 147, Tsarigradsko Chaussee Blvd., Sofia, Bulgaria www.iec.bg

REGISTRATION

To register complete the attached registration form and return by e-mail or fax to CIM.

The registration form is available online at http://echo.cardiobg.com For registration and hotel booking enquiries, please contact:

Mrs. Daniela Radulova e-mail: daniela@cim.bg fax: +359 2 988 80 35 tel: +359 2 980 60 74

COURSE FEE

150 Euro for cardiologist in practice 100 Euro for cardiologist in training, students, nurses

The fee includes participation in all the scientific sessions, access to the exhibition area, the binder containing all the recommendation documents issued by the EAE, coffee breaks and refreshments. Welcome drink (on Tuesday, 5th April 2012) lunch and Gala dinner (on Friday, 6th April 2012).

ACCREDIATION

The course will be reviewed for accreditation by the European Board for Accreditation in Cardiology (EBAC).

LANGUAGE

The course will be held in English.







EAE Teaching Course

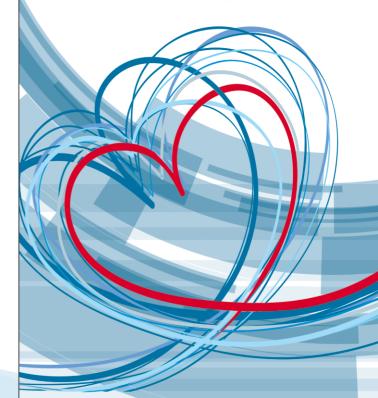
Organized with the Bulgarian Working Group on Echocardiography

NEW **ECHOCARDIOGRAPHIC** TECHNIQUES FOR

MYOCARDIAL FUNCTION IMAGING With live demonstrations

5th **- 7**th April 2012

Inter Expo Center - Sofia, Bulgaria



Dear colleagues,

On behalf of the Bulgarian Working Group on Echocardiography and the Bulgarian Society of Cardiology in close collaboration with EAE, it is our pleasure to welcome you to the EAE Educational Course, 5^{th} - 7^{th} April 2012, in Sofia, Bulgaria, where specialists from European countries will gather seeking to grow in the field of Myocardial Deformation Imaging.

The European Association of Echocardiography is committed to maintaining a high standard of professional excellence among cardiologists specialised in Echocardiography and to promoting excellence in clinical diagnosis, research, technical development, and education in cardiovascular ultrasound and other imaging modalities in Europe.

The course aims at cardiologist in training and cardiologist in practice who work in the field of echocardiography and who have a specific interest myocardial function imaging, to provide a high quality and authoritative review of the used techniques and current clinical applications and will focusing in the latest approaches on myocardial deformation imaging and 3D echocardiography with important theoretical, but mainly very practical topics in daily clinical practice.

All topics will be addressed by state-of-the-art lectures and two hours of live case demonstrations by an international faculty of experts in the field. It will provide the opportunity to learn, update and have hands-on training with in-depth review of the subject with the pioneers in the field. Leading experts from Europe will be available to have one to one interaction during the course.

The course will be held in English. There are only limited seats for the course. Register fast to avoid disappointment.

For future information and registration please contact our partner Company of International Meetings Ltd. – Event Manager of the Course.

Please join us and share your vision and ideas, and participate in promoting excellence in diagnosis, research, education and technical developments in cardiovascular ultrasound and other imaging modalities in wonderful spring atmosphere in green Sofia and Bulgaria.

Sincerely yours,

Tzvetana Katova MD, PhD, FESC Executive Director of Local Organizing Committee

Yoto Yotov MD, PhD, FESC Executive Director of Local Organizing Committee

Krasimira Hristova, MD, FESC Local Course Director

COURSE DESCRIPTION

- Tissue Doppler and Speckle Tracking methods
- · 3D deformation imaging
- Special applications of contrast echocardiography
- Principles of left and right ventricular function assessment
- Cardiac function under different loading conditions
- Cardiac resynchronization therapy
- Myocardial deformation imaging in patients with heart failure
- Myocardial deformation imaging in valvular heart diseases

SCIENTIFIC PROGRAM

Thursday, 05.04.2012

15:30 - 15:45	Welcome and Introductory Lecture			
	Imaging the heart with ultrasound. K. Hristova			

15:45 - 16:00 Opening Ceremony
Tzvetana Katova, Luigi Badano, Assen Gudev

16:00 - 18:50 Basics of Myocardial Function Imaging Chairpersons: Luigi Badano, Yoto Yotov

16:00 - 16:20 From fibre shortening to ejection. *F. Rademakers*

16:20 - 16:40 How to measure myocardial deformation by ultrasound? *J. D'hooge*

16:40 - 17:00 How to do it in the clinic:

Normal patterns and pitfalls. JU Voigt

17:00 - 17:20 Measuring myocardial deformation in 3Dimensions. *L. Badano*

17:20 - 17:40 Magnetic Resonance Imaging: Competitive or Complementary? F. Rademakers

17:40 - 17:50 Discussion

18:00 - 20:00 Welcome drink

Friday, 06.04.2012

08:30 - 10:00 Imaging Coronary Artery Disease: Myocardial Function by Echo

Chairpersons: Jens Uwe Voigt, Krasimira Hristova

08:30 - 08:50 Beyond wall thickening: Deformation patterns in coronary artery disease. *JU Voigt*

08:50 - 09:10 Global and regional function in patients with AMI. *K. Hristova*

09:10 - 09:30 Stress echo, infarction and reperfusion injury. *A. Neskovic*

09:30 - 09:50 What does 3D add to stress echocardiography?

09:50 - 10:00 Discussion

10:00 - 10:30 Coffee break

10:30 - 12:00 Function Imaging of the Right Ventricle

Chairpersons: Frank Rademakers, Yoto Yotov

10:30 - 10:50 How to assess RV function in the clinic? JU Voigt

10:50 - 11:10 RV function in congenital heart diseases and pulmonary hypertension. *R Jurcut*

11:10 - 11:30 RV function in systemic hypertension K. Hristova

11:30 - 11:50 RV and pulmonary circulation during exercise.

A La Gerche

11:50 - 12:00 Discussion

12:00 - 13:00 Live case demonstration I

Chairpersons: Alexander Neskovic, Tzvetana Katova

12:00 - 12:20 Case 1. Regional Dysfunction by Speckle tracking. *B Popescu*

12:20 - 12:40 Case 2. Global and Regional function by 3Dechocardiography. *L Badano*

12:40 - 13:00 Case 3. Asynchrony assessment. JU Voigt

13:00 - 14:00 Lunch

14:00 - 15:30 Cardiomyopathy and CRT

Chairpersons: Luigi Badano, Krasimira Hristova

14:00 - 14:20 Prognostic Value of Deformation Imaging in Ischemic cardiomyopathy. *T. Edvardsen*

14:20 - 14:40	IV twist in	nhysiology :	and disease	R Ponescu
14.20 - 14.40	LV LVVISLIII	priyolology a	anu uistast.	D I Opescu

14:40 - 15:00 Dilated Cardiomyopathy: How to assess dyssynchrony in 2D? JU Voiat

15:00 - 15:20 Dilated Cardiomyopathy: How to assess dyssynchrony in 3D? B. Cosyns

15:20 - 15:30 Discussion

15:30 - 16:00 Coffee break

16:00 - 17:30 Assessing Hemodynamics and Ventriculo-Arterial Coupling

Chairpersons: Thor Edvardsen, Vera Yotova

16:00 - 16:20 Quantifying myocardial function in valvular heart disease. *E. Kinova*

16:20 - 16:40 3D echo to assess congenital heart disease in children. *I. Velkovski*

16:40 - 17:00 Speckle tracking echocardiography to assess patients with TGA. *R. Marinov*

17:00 - 17:20 Ventriculo-arterial coupling: Assessment by Strain imaging of arterial wall. *A. Fraser*

17:20 - 17:30 Discussion

19:00 - 23:00 Gala dinner

Saturday, 07.04.2012

08:30 - 10:00 Hypertrophy, Diastole & Atrial Deformation Chairpersons: Alan Fraser, Tzvetana Katova

08:30 - 08:50 Diastolic Function: What is it and how to describe it best? *JU Voigt*

08:50 - 09:10 Diastolic Stress Testing. A. Neskovic

09:10 - 09:30 LV function in hypertrophic disease. V. Yotova

09:30 - 09:50 Assesment of left atrial function - Does it offer added value? *B. Popescu*

09:50 - 10:00 Discussion

10:00 - 10:30 Coffee break

10:30 - 12:20 LV Function Assessment - With and without Contrast Chairpersons: Aleksandar Neskovic. Tzvetana Katova

10:30 - 10:50 Myocardial Function Imaging in Private Practice. S. Marchev

10:50 - 11:10 Quantifying LV Function - How good are we?

11:10 - 11:30 Contrast echo on evaluation of cardiac function -basic principles, *Y. Yotov*

11:30 - 11:50 The role of Contrast enhanced 3D echocardiography. *B. Cosyns*

11:50 - 12:10 A new approach to assess intraventricular flow. *JU Voigt*

12:10 - 12:20 Discussion

12:20 - 13:20 Live case demonstration II

Chairpersons: Bogdan Popescu, Sotir Marchev

12:20 - 12:40 Case 1. Assessing Diastolic Function V. Yotova

12:40 - 12:50 Case 2. Assessing Atrial Function B. Popescu

13:10 - 13:30 Case 3. Assessing RV Function Y. Yotov

13:30 - 13:40 Closing Remarks, Farewell K. Hristova, JU Voigt For further information on the scientific program, please contact:

Krasimira Hristova MD, FESC Local Course Director

E- mail: khristovabg@yahoo.com