

PROGRAM

Course Directors:

Prof. Dr. Edyta Plonska-Gosciniak

Prof. Jens-Uwe Voigt

Dr. Krasimira Hristova

Thursday, 3 April 2014

Hall SOFIA 2

11:00 - 13:15	Registration
13:15 - 13:30	Welcome Prof. Dr. Edyta Plonska-Gosciniak, Prof. Jens-Uwe Voigt, Assoc. Prof. Yoto Yotov
13:30 - 15:30	Session 1: Basic principles of cardiac function assessment Chairmen: Y. Yotov, E. Plonska-Gosciniak
13:30 - 13:50	Imaging myocardial function P. Claus
13:50 - 14:10	Tissue Doppler to assess LV systolic function D. Vinereanu
14:10 - 14:30	Speckle Tracking to assess LV systolic function JU Voigt
14:30 - 14:50	LV diastolic function F. Rademakers
14:50 - 15:10	RV function assessment by echocardiography L. Herbots
15:10 - 16:00	Coffee break
16:00 - 18:00	Session 2: Morphology and Function Assessment with 3D Echo Chairmen: K. Hristova, F. Schmidt
16:00 - 16:24	Acquiring and processing 3D echos: Tips and tricks from the expert M. Garbi
16:24 - 16:48	Approaching the impossible: 3D echo and RV function G. Claessen
16:48 - 17:12	Where is the advantage? LV volume and function by 3D echo B. Cosyns

17:12 - 17:36 Guiding treatment: 3D echo and valve disease
J. Magne

17:36 - 18:00 Outlook: 3D functional imaging and more
P. Claus

18:00 - 19:00 Welcome drink

Friday, 4 April 2014

Hall SOFIA 2

8:30 - 10:30

Session 3: Evaluation of LV Function

Chairmen: K. Hristova, D. Vinereanu

8:30 - 8:50 Function imaging in hypertrophic cardiomyopathy
Y.Yotov

8:50 - 9:10 Aortic stenosis and aortic regurgitation: impact on cardiac mechanics
E. Donal

9:10 - 9:30 Mitral stenosis and mitral regurgitation: impact on cardiac mechanics
J. Magne

9:30 - 9:50 The influence of regional dysfunction: Assessing Dyssynchrony
JU Voigt

9:50 - 10:10 LV during systemic diseases –the impact of MDI
E. Plonska-Gosciniak

10:10 - 10:30 Clinical application on MDI in patients after chemotherapy
L. Herbots

10:30 - 11:00 Coffee break

Hands-on Workshop (Session sponsored by Sopharma Trading JSC – GE Healthcare)

Hall SOFIA 1

11:00 - 12:30 Speckle Tracking in clinical practice with JU Voigt

Hall SOFIA 2

Chairmen: Tz. Katova, H. Skulstad

11:00 - 12:30 Clinical cases with demonstration

12:30 - 13:30 Lunch

13:30 - 15:30

Session 4: Function Imaging in Ischemic Disease

Chairmen: E. Kinova, P. Claus

13:30 - 13:50 Secrets of post systolic shortening: The relation between deformation and function
H. Skulstad

13:50 - 14:10	Function Imaging in stress echocardiography F. Schmidt
14:10 - 14:30	What does perfusion echo add ? B. Cosyns
14:30 - 14:50	Rotation, Twist and Torsion in ischemic disease L.E. Sade
14:50 - 15:10	What does 3D echo add? K. Hristova
15:10 - 15:30	Functional imaging in preserved EF and dilated cardiomyopathy E. Donal
15:30 - 16:00	Coffee break
16:00 - 18:00	Session 5: RV function assessment Chairmen: S. Marchev, H. Skulstad
16:00 - 16:24	“Small brother” of the LV? - RV physiology and pathophysiology JU Voigt
16:24 - 16:48	RV adaptation and remodeling in chronic pressure loading G. Di Salvo
16:48 - 17:12	The athlete’s heart – What is the role of RV? G. Claessen
17:12 - 17:36	The RV in pulmonary hypertension W. Budts
17:36 - 18:00	Should we assess mechanical dyssynchrony in the RV? H. Skulstad
20:00	Gala Diner

Saturday, 5 April 2014

Hall SOFIA 2

8:30 - 10:30	Session 6: RV and LV function assessment in adult CHD. Chairmen: I. Velkovski, W. Budts
8:30 - 8:50	The RV after TOF repair: what happens later? W. Budts
8:50 - 9:10	The univentricular heart and Fontan circulation: what are the problems and how can we recognize them? O. Miller
9:10 - 9:30	Cardiac mechanics after arterial switch OP in TGA W. Budts

9:30 - 9:50 The systemic RV and RV in hypoplastic left heart syndrome
O. Miller

9:50 - 10:10 Cardiac function after successful repair of aortic coarctation
G. Di Salvo

10:10 - 10:30 3D echo in congenital heart diseases
O. Miller

10:30 - 11:00 Coffee break

Hands-on Workshop (Session sponsored by Sopharma Trading JSC – GE Healthcare)

Hall SOFIA 1

11:00 - 12:30 Speckle Tracking in clinical practice with JU Voigt

Hall SOFIA 2

11:00 - 12:30 Chairmen: N. Zlatareva, W. Budts
Clinical cases with demonstration

12:30 - 13:50 Session 7: Other Imaging Modalities

Chairmen: E.Genova, F. Rademakers

12:30 - 12:50 Multimodality imaging in CAD – what is the current role of cardiac MRI?
F. Rademakers

12:50 - 13:10 Tissue characterization – how can MRI assist?
P. Claus

13:10 - 13:30 Multimodality/fusion imaging in CHD
O. Miller

13:30 - 13:50 Future development of multi-modality imaging and echocardiography
F. Rademakers

13:50 - 14:00 Closing remarks