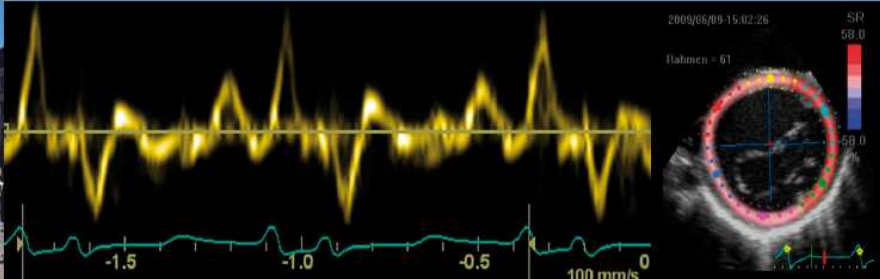




6th European Echocardiography Course On Congenital Heart Disease

Munich, 16th – 19th November 2011



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**Munich, 16th – 19th November 2011,
Auditorium of the Deutsches Herzzentrum München,
Lazarettstr. 36, D 80636 München**

Program

Wednesday: 16/11/2011

Session I **Chair:** *Helmut Baumgartner/ Jackie McGhie*

09.00 – 09.15 Opening remarks
John Hess and Manfred Vogt, München

09.15 – 09.45 Basic principles of ultrasound imaging
Els Pieper, Groningen

09.45 – 10.15 Image optimisation
Jackie McGhie, Rotterdam

10.15 – 10.45 Doppler techniques and quantification
Els Pieper, Groningen

10.45 – 11.00 Discussion

Coffee/Tee break 11.00 – 11.30

Session II **Chair:** *Els Pieper, David Coleman*

11.30 – 11.50 Image windows and views
Luc Mertens, Toronto

11.50 – 12.15 Valvular stenosis and regurgitation: assessment of severity
Helmut Baumgartner, Münster

12.15 – 12.45 Basics of Real Time 3 D Echocardiography
Jackie McGhie, Rotterdam

12.45 – 13.00 Discussion

Lunch: 13.00 – 14.00

Session III **Chair:** *Jackie McGhie, Manfred Vogt*

14.00 – 15.00 Segmental approach to normal and abnormal situs
Morphology: *Andrew Cook, London*
Echocardiography: *Jan Marek, London*

15.00 – 16.00 Interatrial communications
Morphology: *Andrew Cook, London*
Echocardiography-paediatric: *David Coleman, Dublin*
Imaging and intervention: *Manfred Vogt, München*

Coffee/Tee break 16.00 – 16.30

- Session IV** **Chair:** *Jan Marek, David Coleman*
- 16.30 – 17.30** Atrio-ventricular septal defects
Morphology: *Andrew Cook, London*
Echocardiography: *Christoph Röhlig, München*
- 17.30 – 18.30** Ventricular septal defects
Morphology: *Andrew Cook, London*
Echocardiography: *John Simpson, London*

Thursday 17/11/2011

- Session V** **Chair:** *Folkert Meijboom, Mark Friedberg*
- 09.00 – 10.00** LV outflow tract obstruction
Morphology: *Andrew Cook, London*
Echocardiography: *Victor Tomek, Prague*
- 10.00 – 11.00** RV outflow tract obstruction
Morphology: *Andrew Cook, London*
Echocardiography – paediatric and pre-OP: *David Coleman, Dublin*
Echocardiography – adult and post-OP: *Helmut Baumgartner, Münster*

Coffee/Tee break 11.00 – 11.30

- Session VI** **Chair:** *Helmut Baumgartner, Victor Tomek*
- 11.30 – 12.30** Double outlet right ventricle
Morphology: *Andrew Cook, London*
Echocardiography: *Manfred Vogt, München*
- 12.30 – 13.00** Image orientation and how to prepare for the accreditation examination
John Simpson, London

Lunch: 13.00 – 14.00

- Session VII** **Chair:** *Luc Mertens, Andreas Kühn*
- 14.00 – 15.00** Complete transposition
Morphology: *Andrew Cook, London*
Echocardiography pre-OP and arterial switch: *Manfred Vogt, München*
Echocardiography atrial switch and Rastelli:
Folkert Meijboom, Utrecht
- 15.00 – 16.00** Congenitally corrected transposition
Morphology: *Andrew Cook, London*
Echocardiography: *Mark Friedberg, Toronto*

Coffee/Tee break 16.00 – 16.30

Session VIII **Chair:** *Manfred Vogt, Folkert Meijboom*

16.30 – 17.30 Coarctation and aortic arch anomalies
Morphology: *Andrew Cook, London*
Echocardiography: *Victor Tomek, Prague*

17.30 – 18.30 Intrapericardial arterial trunk abnormalities
Morphology: *Andrew Cook, London*
Echocardiography: *Andreas Kühn, München*

Friday 18/11/2011

Session IX **Chair:** *John Simpson, David Coleman*

09.00 – 10.00 Functionally single ventricle
Morphology: *Andrew Cook, London*
Echocardiography: *Luc Mertens Toronto*

10.00 – 11.00 How small is too small? Univentricular palliation – versus biventricular correction
The cardiologist's view: *Jan Marek, London*
The surgeon's view: *Christian Schreiber, München*

Coffee/Tee break 11.00 – 11.30

Session X **Chair:** *Luc Mertens, Victor Tomek*

11.30 – 11.50 Evaluation and follow-up for Norwood I postoperative period
Echocardiography: *John Simpson, London*

11.50 – 12.10 Functional assessment of the single ventricle
Echocardiography: *Luc Mertens, Toronto*

12.10 – 12.30 Evaluation of the adult with single ventricle palliation
Echocardiography: *Folkert Meijboom, Utrecht*

Lunch: 12.30 – 13.30

Hot topics in congenital Echocardiography

Session XI **Chair:** *Els Pieper, Helmut Baumgartner,*

13.30 – 14.00 Cardiomyopathies: hypertrophic, dilated and restrictive
Echocardiography: *Mark Friedberg, Toronto*

14.00 – 14.45 Endocarditis: What's the role of echo in congenital heart disease at any ages?
Echocardiography: *Andreas Kühn, München*

14.45 – 15.30 Tumour or thrombus? What paediatricians should know
Echocardiography: *Christoph Röhlig, München*

Coffee/Tee break 15.30 – 16.00

Session XII Hands-on and Accreditation Examination and the Quiz

Hands-on session I: TEE Simulator (2 groups)

Hands-on session II: 3d reconstruction (4 groups)

16.00 – 18.00 Accreditation examination and the Quiz for Echo-Oskar award
John Simpson, London

16.00 – 18.00 TEE-simulator
Andreas Kühn and Christoph Röhlig, München

16.00 – 18.00 3d reconstruction on workstation
Folkert Meijboom, Utrecht, Jan Marek, London, Jackie McGhie, Rotterdam, Els Pieper, Groningen

20.00 Onwards: Social event and announcement of the best score of the test examination: **EchoOskar award 2011**

Saturday 19/11/2011

**Mini symposium on ventricular systolic function assessment:
Integration of different components**

Session XIII Chair: *Jan Marek, Mark Friedberg*

09.00 – 09.30 Definition of ventricular performance: an integrated approach
Luc Mertens, Toronto

09.30 – 10.00 Effect of geometry on cardiac function – assessment of remodelling
Piet Claus, Leuven

10.00 – 10.30 Effect of loading on myocardial function: Is it possible to measure “contractility”?
Bart Bijmens, Barcelona

10.30 – 11.00 Effect of electrical and mechanical dyssynchrony on ventricular performance
Mark Friedberg, Toronto

11.00 – 11.30 Discussion

Lunch: 11.30 – 12.30

Session XIV **From theory to daily live application: how to apply these concepts using new echo techniques**
Chair: *Luc Mertens, Bart Bijmens*

12.30 – 13.00 How to assess RV and LV volumes in CHD
Folkert Meijboom, Utrecht

13.00 -13.30 How to assess LV myocardial function in CHD
Luc Mertens, Toronto

13.30 – 14.00 How to assess RV myocardial function in CHD
Mark Friedberg, Toronto

14.00 – 14.30 How to assess electro-mechanical dyssynchrony in CHD
Jan Marek, London

Coffee/Tee break 14.30 – 15.00

Session XV **Ventricular diastolic assessment in congenital heart disease**
Chair: *Piet Claus, Bart Bijmens*

15.00 – 15.30 Definition of diastolic function: an integrated approach
Luc Mertens, Toronto

15.30 – 16.00 How to assess diastolic function in CHD at any ages
Mark Friedberg, Toronto

16.00 Closing remarks and outlook to 2012
Folkert Meijboom, Utrecht, Luc Mertens, Toronto, Jan Marek, London

6th European Echocardiography Course on Congenital Heart Disease

Faculty list:

<i>Helmut Baumgartner</i>	<i>Münster/Germany</i>
<i>Bart Bijmens</i>	<i>Barcelona/Spain</i>
<i>Piet Claus</i>	<i>Leuven, Belgium</i>
<i>Andrew Cook</i>	<i>London/England</i>
<i>David Coleman</i>	<i>Dublin/Ireland</i>
<i>Mark Friedberg</i>	<i>Toronto/Canada</i>
<i>Andreas Kühn</i>	<i>München/Germany</i>
<i>Jan Marek</i>	<i>London/England</i>
<i>Jackie McGhie</i>	<i>Rotterdam/ The Netherlands</i>
<i>Folkert Meijboom</i>	<i>Utrecht/ The Netherlands</i>
<i>Luc Mertens</i>	<i>Toronto/Canada</i>
<i>Els Pieper</i>	<i>Groningen/The Netherlands</i>
<i>Christoph Röhlig</i>	<i>München/Germany</i>
<i>Christian Schreiber</i>	<i>München/Germany</i>
<i>John Simpson</i>	<i>London/England</i>
<i>Victor Tomek</i>	<i>Prague/Czech Republic</i>
<i>Manfred Vogt</i>	<i>München/Germany</i>