



10th EUROPEAN ECHOCARDIOGRAPHY

COURSE on congenital heart disease

LEUVEN
October
14th-17th
2015

Wednesday, October 14th, 2015

09.00 Opening remarks

Werner Budts, Leuven - Luc Mertens, Toronto

Session I

Chairs: *David Coleman, Dublin - Jan Marek, London*

09.05 Optimisation of image acquisition

Jackie McGhie, Rotterdam

09.35 Imaging windows and views in CHD

Jacqueline Wheatley, Toronto

10.05 Comparing quantitative measurements in individuals
of different size and age

Luc Mertens, Toronto

10.30 *Coffee break*

Session II

Chairs: *Folkert Meijboom, Utrecht - Owen Miller, London*

11.00 Assessment of systolic function - a practical approach

Andreea Dragulescu, Toronto

11.30 Assessment of diastolic function - a practical approach

Luc Mertens, Toronto

12.00 What is different in adult CHD?

Folkert Meijboom, Utrecht

12.30 *Lunch*

Session III

Chairs: *Andreea Dragulescu, Toronto - Folkert Meijboom, Utrecht*

13.30 Segmental approach to normal and abnormal situs
Morphology
Echocardiography

Andrew Cook, London

Jan Marek, London

14.30 Interatrial communications

Morphology
Echocardiography

Andrew Cook, London

David Coleman, Dublin

Role of TEE in adults and in interventional closure

Manfred Vogt, Munich

15.40 *Coffee break*

Session IV

Chairs: *Werner Budts, Leuven - Xavier Iriart, Bordeaux*

16.15 Ventricular septal defects
Morphology
Echocardiography

Andrew Cook, London

Andreea Dragulescu, Toronto

17.15 Live Scanning

Jacqueline Wheatley, Toronto

Thursday, October 15th, 2015

Session V

Chairs: *Xavier Iriart, Bordeaux - Manfred Vogt, Munich*

- 08.30** Atrio-ventricular septal defects
Morphology *Andrew Cook, London*
Echocardiography *Jan Marek, London*
- 09.30** LV outflow tract obstruction
Morphology *Andrew Cook, London*
Echocardiography *Owen Miller, London*
Quantification of valve stenosis *Folkert Meijboom, Utrecht*
- 10.40** *Coffee break*

Session VI

Chairs: *Jackie McGhie, Rotterdam - Folkert Meijboom, Utrecht*

- 11.00** Tetralogy of Fallot
Morphology *Andrew Cook, London*
Echocardiography - Pre-operative imaging *David Coleman, Dublin*
Echocardiography - Post-operative imaging *Werner Budts, Leuven*
- 12.10** Double outlet right ventricle
Morphology *Andrew Cook, London*
Echocardiography *Luc Mertens, Toronto*
- 13.10** *Lunch*

Session VII

Chairs: *David Coleman, Dublin - Luc Mertens, Toronto*

- 14.15** Transposition of the Great Arteries
Morphology *Andrew Cook, London*
Pre-operative assessment *Xavier Iriart, Bordeaux*
Post-operative after the arterial switch procedures *Folkert Meijboom, Utrecht*
- 15.25** Congenitally corrected transposition
Morphology *Andrew Cook, London*
Echocardiography *Manfred Vogt, Munich*
- 16.25** *Coffee break*
- 16.45** How to prepare for the accreditation examination *Owen Miller, London*
- 17.15** Cases of the day (Adult CHD)



Friday, October 16th, 2015

Session VIII

Chairs: *Jan Marek, London - Jens-Uwe Voigt, Leuven*

- 09.00** Functionally single ventricle
Morphology *Andrew Cook, London*
Echocardiographic assessment of morphology *Andreea Dragulescu, Toronto*
Functional assessment, Glenn and Fontan *Xavier Iriart, Bordeaux*
- 10.30** *Coffee break*

Session IX

Chairs: *Xavier Iriart, Bordeaux - Folkert Meijboom, Utrecht*

- 11.00** Coarctation and aortic arch anomalies
Morphology *Andrew Cook, London*
Echocardiography *Jan Marek, London*
- 12.00** Common arterial trunk
Morphology *Andrew Cook, London*
Echocardiography *Owen Miller, London*
- 12.40** Pulmonary venous abnormalities
Morphology *Andrew Cook, London*
Echocardiography *Manfred Vogt, Munich*
- 13.20** *Lunch*

Session X

- 14.15** Practical test which serves as preparation for accreditation examination and Quiz for Echo-Oskar award *Owen Miller, London*
- 20.00** Social event and announcement of the best score of the test examination:
Echo Oskar Award 2015 Ceremony

DINNER VENUE

Faculty Club
Groot Begijnhof 14, Leuven

You can reach the Dinner Venue at **19:30**.

Please do not forget to bring with you the dinner voucher included in the congress kit.

Saturday, October 17th, 2015

MINI-SYMPOSIUM: ADVANCED ECHOCARDIOGRAPHIC TECHNIQUES IN CONGENITAL HEART DISEASE

Session XI

Chairs: *Bart Bijnens, Barcelona - Luc Mertens, Toronto*

New echocardiographic techniques with potential utility for pediatric and congenital echocardiography

- 09.00 Standardization of strain measurements - where are we now? *Jens-Uwe Voigt, Leuven*
09.25 3-D strain - what does it add? *Brecht Heyde, Leuven*
09.50 Flow-mapping in congenital heart disease *Lasse Løvstakken, Trondheim*
10.15 High frame rate imaging - potential applications *Jan D'Hooge, Leuven*
10.40 *Coffee break*

Session XII

Chairs: *Andreea Dragulescu, Toronto - Jens-Uwe Voigt, Leuven*

Imaging cardiac mechanics

- 11.00 Introduction to cardiac mechanics *Bart Bijnens, Barcelona*
11.30 Load-independent assessment of ventricular contractility - is it possible? *Piet Claus, Leuven*
12.00 Clinical applications of cardiac mechanics imaging in pediatric and congenital heart disease *Luc Mertens, Toronto*
12.30 *Lunch*

Session XIII

Chairs: *Jan D'Hooge, Leuven - Folkert Meijboom, Utrecht*

Imaging the Right Ventricle

- 13.30 Why is the RV different? *Bart Bijnens, Barcelona*
14.00 The pressure-loaded RV - different response to different loading conditions *Folkert Meijboom, Utrecht*
14.30 The volume-loaded RV - different response to different loading conditions *Andreea Dragulescu, Toronto*
15.00 The right ventricle in patients with ACHD *Alexander Van De Bruaene, Leuven*
15.30 The single right ventricle - what to use now? *Jan Marek, London*
16.00 Closing remarks *Werner Budts, Leuven - Jan Marek, London - Folkert Meijboom, Utrecht - Luc Mertens, Toronto*

Congress Location

Provinciehuis
Provincieplein 1, Leuven
Belgium

Organizing Secretariat

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Pediatrische en Congenitale
Cardiologie

This programme is accredited by the European Board for Accreditation in Cardiology (EBAC) for 22 CME credits hours. Each participant should claim only those hours of credit that have actually been spent in the educational activity. EBAC works according to the quality standards of the European Accreditation Council for Continuing Medical Education (EACCME), which is an institution of the European Union of Medical Specialists (UEMS).

In compliance with EBAC/EACCME guidelines, all speakers/chairpersons participating in this programme have disclosed potential conflicts of interest that might cause a bias in the presentations. The Organising Committee is responsible for ensuring that all potential conflicts of interest relevant to the programme are declared to the audience prior to the CME activities.