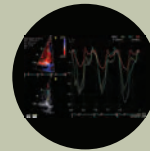
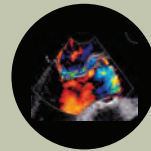
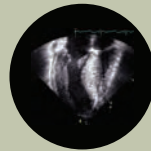
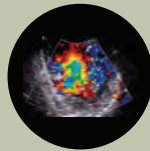
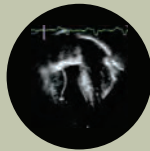
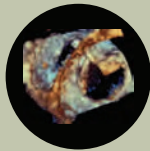
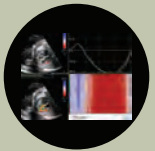


October 3-6, 2012 - BARCELONA



**7th European Echocardiography Course On Congenital Heart Disease**



In conjunction with the:

**1<sup>st</sup> Fetal Cardiac Function Symposium**

Course Directors:

Bart Bijnens, Barcelona; Luc Mertens, Toronto; Folkert Meijboom, Utrecht; Jan Marek, London

**All information and online registration: [www.echocardiography-course.com](http://www.echocardiography-course.com)**

**Wednesday, October 3<sup>rd</sup>, 2012**

**Session I** Chair: *Helmut Baumgartner, Folkert Meijboom*

---

<b>09.00 - 09.05</b>	Opening remarks	<i>Bart Bijmens, Barcelona</i>
<b>09.05 - 09.45</b>	Image optimisation and artefacts	<i>Jackie McGhie, Rotterdam</i>
<b>09.45 - 10.05</b>	Image windows and views	<i>Luc Mertens, Toronto</i>
<b>10.05 - 10.35</b>	Comparing quantitative measurements in individuals of different size and age	<i>John Simpson, London</i>
<b>10.35 - 10.50</b>	Discussion	
<b>10.50 - 11.20</b>	Coffee break	

**Session II** Chair: *David Coleman, Owen Miller*

---

<b>11.20 - 11.50</b>	Doppler techniques and quantification	<i>Bart Bijmens, Barcelona</i>
<b>11.50 - 12.15</b>	Valvular stenosis and regurgitation: assessment of severity	<i>Helmut Baumgartner, Münster</i>
<b>12.15 - 12.45</b>	Basics of real Time 3 D echocardiography	<i>Jackie McGhie, Rotterdam</i>
<b>12.45 - 13.00</b>	Discussion	
<b>13.00 - 14.00</b>	Lunch	

**Session III** Chair: *Andreea Dragulescu, Manfred Vogt*

---

<b>14.00 - 15.00</b>	Segmental approach to normal and abnormal situs <ul style="list-style-type: none"><li>• Morphology</li><li>• Echocardiography</li></ul>	<i>Andrew Cook, London</i> <i>Jan Marek, London</i>
<b>15.00 - 16.00</b>	Inter-atrial communications <ul style="list-style-type: none"><li>• Morphology</li><li>• Echocardiography-paediatric</li><li>• Imaging and intervention</li></ul>	<i>Andrew Cook, London</i> <i>David Coleman, Dublin</i> <i>Manfred Vogt, Munich</i>
<b>16.00 - 16.30</b>	Coffee break	

**Session IV** Chair: *Jan Marek, David Coleman*

---

<b>16.30 - 17.30</b>	Atrio-ventricular septal defects <ul style="list-style-type: none"><li>• Morphology</li><li>• Echocardiography</li></ul>	<i>Andrew Cook, London</i> <i>Tara Bharucha, London</i>
<b>17.30 - 18.30</b>	Ventricular septal defects <ul style="list-style-type: none"><li>• Morphology</li><li>• Echocardiography</li></ul>	<i>Andrew Cook, London</i> <i>Andreea Dragulescu, Toronto</i>

Thursday, October 4<sup>th</sup>, 2012

**Session V** Chair: *Folkert Meijboom, Mark Friedberg*

---

**09.00 - 10.00** LV outflow tract obstruction

- Morphology
- Echocardiography

*Andrew Cook, London*  
*Owen Miller, London*

**10.00 - 11.00** RV outflow tract obstruction

- Morphology
- Echocardiography - paediatric and pre-OP
- Echocardiography - adult and post-OP

*Andrew Cook, London*  
*David Coleman, Dublin*  
*Helmut Baumgartner, Münster*

---

*11.00 - 11.30 Coffee break*

**Session VI** Chair: *Helmut Baumgartner, David Coleman*

---

**11.30 - 12.30** Double outlet right ventricle

- Morphology
- Echocardiography

*Andrew Cook, London*  
*Andreea Dragulescu, Toronto*

**12.30 - 13.00** Image orientation and how to prepare for the accreditation examination:

*John Simpson, London*

---

*13.00 - 14.00 Lunch*

**Session VII** Chair: *Luc Mertens, Tara Bharucha*

---

**14.00 - 15.00** Complete transposition

- Morphology
- Echocardiography pre-OP and arterial switch
- Echocardiography atrial switch

*Andrew Cook, London*  
*Manfred Vogt, Munich*  
*Folkert Meijboom, Utrecht*

**15.00 - 16.00** Congenitally corrected transposition

- Morphology
- Echocardiography

*Andrew Cook, London*  
*Mark Friedberg, Toronto*

---

*16.00 - 16.30 Coffee break*

**Session VIII** Chair: *Manfred Vogt, Andreea Dragulescu, Toronto*

---

**16.30 - 17.30** Coarctation and aortic arch anomalies

- Morphology
- Echocardiography

*Andrew Cook, London*  
*Tara Bharucha, London*

**17.30 - 18.30** Intra-pericardial arterial trunk abnormalities

- Morphology
- Echocardiography

*Andrew Cook, London*  
*Owen Miller, London*

---

## Friday, October 5<sup>th</sup>, 2012

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

---

<b>09.00 - 10.00</b>	Functionally single ventricle <ul style="list-style-type: none"><li>• Morphology</li><li>• Echocardiography</li></ul>	<i>Andrew Cook, London</i> <i>Luc Mertens, Toronto</i>
<b>10.00 - 11.00</b>	How small is too small? Univentricular palliation - versus biventricular correction <ul style="list-style-type: none"><li>• The cardiologist's view</li><li>• Beyond echocardiography – use of MRI</li></ul>	<i>Jan Marek, London</i> <i>Mark Friedberg, Toronto</i>

---

*11.00 - 11.30 Coffee break*

### Session X Chair: *Luc Mertens, Bart Bijns*

---

<b>11.30 - 11.50</b>	Evaluation and follow-up for Norwood I postoperative period	<i>John Simpson, London</i>
<b>11.50 - 12.10</b>	Functional assessment of the single ventricle	<i>Luc Mertens Toronto</i>
<b>12.10 - 12.30</b>	Evaluation of the adult with single ventricle palliation	<i>Folkert Meijboom, Utrecht</i>

---

*12.30 - 13.30 Lunch*

### Session XI Hands-on (to be announced) and Accreditation - Examination and the Quiz

---

<b>13.30 - 16.00</b>	Accreditation examination and Quiz for Echo-Oskar award	<i>Owen Miller, London</i>
----------------------	---	----------------------------

---

**20.00** Social event and announcement of the best score of the test examination: Echo Oskar Award 2012

## Saturday, October 6<sup>th</sup>, 2012

### Mini symposium on ventricular function, heart failure and arrhythmias.

#### Session XII Chair: *Folkert Meijboom, Fatima Crispi*

---

<b>09.30 - 10.00</b>	Cardiac Mechanics & ventricular performance	<i>Bart Bijns, Barcelona</i>
<b>10.00 - 10.30</b>	Diastolic function: an integrated approach	<i>Luc Mertens, Toronto</i>
<b>10.30 - 11.00</b>	How to predict & assess RV Failure in CHD	<i>Andreea Dragulescu, Toronto</i>
<b>11.00 - 11.15</b>	Discussion	

---

*11.15 - 11.45 Coffee break*

#### Session XIII Chair: *Marta Sitges, Georgia Sarquella-Brugada*

---

<b>11.45 - 12.15</b>	How to predict & assess LV Failure in CHD	<i>Mark Friedberg, Toronto</i>
<b>12.15 - 12.45</b>	Ventricular function in LBBB	<i>Bart Bijns, Barcelona</i>
<b>12.45 - 13.15</b>	When to use CRT & how to optimise	<i>Jan Marek, London</i>
<b>13.15 - 13.30</b>	Discussion	
<b>13.30 - 13.40</b>	Closing remarks and outlook to 2012	<i>Folkert Meijboom</i> <i>Jan Marek</i> <i>Luc Mertens</i>

---

The **7th European Echocardiography Course in Congenital Heart Disease** will be organised in Barcelona, from **Wednesday 3th to Saturday 6th October 2012**.

This course provides a thorough overview of Echocardiography in Congenital Heart Disease and is aimed at Pediatric Cardiologists, Grown-up Congenital Heart Disease Specialists and Echocardiography Technicians working with Congenital Heart Disease patients. The programme strongly builds on the side-by-side comparison of morphology and imaging and discusses the major abnormalities found in clinical practice. The course prepares for the accreditation exam for 'Congenital Heart Disease Echocardiography' organised by the EAE/AEPC.

The **1th Symposium on Fetal Cardiac Function** will be organised in conjunction with the *Echocardiography Course in Congenital Heart Disease*, on **Tuesday 2nd of October 2012**. In this symposium, the basic principles of cardiac function and deformation will be explained and the techniques for measuring this in the fetus will be presented and discussed by experts in the field. Additionally, changes in pathological situations will be highlighted.

#### Location:

Universitat Pompeu Fabra - Communication campus - Poblenou  
Roc Boronat, 138 - 08018 Barcelona, Spain

Congress Fee	Early bird until May 31	Late registration from June 1
Regular:	€ 600	€ 700
Junior (<30 years):	€ 450	€ 550

**All information and online registration: [www.echocardiography-course.com](http://www.echocardiography-course.com)**