

**14th European Echocardiography Course on Congenital Heart Disease
Barcelona, Universitat Pompeu Fabra- Poble Nou Campus- Auditorium
October 9th - 12th, 2019**

Local organizer: Bart Bijmens

Course organizers: Jan Marek, Luc Mertens, Folkert Meijboom

Wednesday OCTOBER 9th

09.00 Opening remarks

Bart Bijmens ,Folkert Meijboom

Session I Practical aspects of Congenital Echocardiography

Chair: Leo Lopez, Palo Alto

09.05 Image Optimization in Congenital Echocardiography- Technical tips

Cristina Almeida, Toronto

09.30 Quantitative measurements in individuals of different size and age

Leo Lopez, Palo Alto

10.00 Imaging windows and views in CHD

Cristina Almeida, Toronto

10.30 Coffee break

Session II Ventricular function in CHD

Chair: Jan Marek, London

11.00 Assessment of left ventricular systolic function in CHD

John Simpson, London

11.30 Assessment of right ventricular function in congenital heart disease

Giovanni Di Salvo, London

12. 00 Assessment of single ventricular function

Luc Mertens, Toronto

12.30 Lunch

Session III Segmental approach to normal and abnormal situs

Chair: Owen Miller, London

13.30 Morphology

Andrew Cook, London

13.55 Echocardiography

Jan Marek, London

14.20 Questions & discussion

Session IV ASD & VSD

Chair: Owen Miller, London

14.30 Morphology ASD

Andrew Cook, London

14.50 Echocardiography ASD

Meryl Cohen, Philadelphia

15.10 Morphology VSD

Andrew Cook, London

15.30 Echocardiography VSD

Andreea Dragulescu, Toronto

15.50 Questions & discussion

15.50 Coffee break

Session V preparation for the accreditation examination & clinical cases

Chair: Meryl Cohen, Philadelphia

16.20 How to prepare for the accreditation examination Owen Miller, London

16.40 Case of the day

Beatrice Bonello, London

Session VI Live scanning

17.00 Live scanning Cristina Almeida, Toronto

17.30 Live scanning Cristina Almeida, Toronto

18.00 End of Session

Thursday OCTOBER 10th

08.30 Opening remarks

Xavier Iriart

Session VII Atrio-ventricular septal defects

Chair: Xavier Iriart, Bordeaux

08.30 Morphology

Andrew Cook, London

09.00 Echocardiography AVSD, pre-and postoperative

Meryl Cohen, Philadelphia

09.30 Questions & discussion

Session VIII Tetralogy of Fallot

Chair: Xavier Iriart, Bordeaux

09.40 Morphology Andrew Cook, London

10.10 Echocardiography- pre- operative

Luc Mertens, Toronto

10.30 Echocardiography post-operative and adult

Folkert Meijboom, Utrecht

10.50 Questions & discussion

11.00 Coffee break

Session IX Transposition of the great arteries

Chair: Beatrice Bonello, London

11.30 TGA Morphology

Andrew Cook, London

12.00 Pre and peri-operative assessment and arterial switch

Xavier Iriart, Bordeaux

12.30 Arterial switch, atrial switch and Rastelli

Heleen van der Zwaan, Utrecht.

13.00 Questions & discussion

13.15 Lunch

Session X aorta, coronaries & coarctation

Chair: Beatrice Bonello

14.15 Morphology aorta

Andrew Cook, London

14.45 Echocardiography, assessment of morphology aorta & coarctation

Beatrice Bonello, London

15.05 Abnormalities of coronary artery origins (including ALCAPA)

Andreea Dragulescu, Toronto

15.35 Coronary arteries in congenital heart disease congenital heart disease

Leo Lopez, Palo Alto

16.05 Questions & discussion

16.15 Coffee break

Session XI clinical cases & live scanning

Chair: Leo Lopez, Palo Alto

16.45 case of the day

Heleen van der Zwaan, Utrecht

17.00 Live scanning Cristina Almeida, Toronto

17.30 End of the session

Friday OCTOBER 11th

09.00 Opening remarks

Meryl Cohen, Philadelphia

Session XII Functionally Univentricular Hearts

Chair: Meryl Cohen, Philadelphia

09.00 Morphology

Andrew Cook, London

09.30 Echocardiography morphology UVH

Luc Mertens, Toronto

10.00 Echocardiography palliation UVH: shunts, PCPC and TCPC

John Simpson, London

10.30. Functional assessment Fontan circulation. Giovanni di Salvo, London

11.00 Questions & discussion

11.15 Coffee break

Session XIII tricuspid valve & M.Ebstein

Chair: Heleen van der Zwaan, Utrecht

11.45 Tricuspid valve & anomalies

Andrew Cook, London

12.15 Ebstein malformation

Jan Marek, London

12.45 Questions & discussion

13.00 Lunch

Session XIV. Practical test which serves as preparation for accreditation examination and Quiz for Echo-Oskar award

14.00 Chair: Owen Miller, London

15.30 End of the session

20.00 Social event and announcement of the best score of the test examination: Echo Oskar Award 2019

Saturday OCTOBER 12th

Advanced techniques in CHD

9.00—9.30 Innovations in echocardiography
Luc Mertens, Toronto

9.30 -10 Computational modeling- applications in CHD
Patricia Garcia Cañadilla, Barcelona

10-10.30 Atrial function in pediatric heart disease- does it matter?
Andreea Dragulescu, Toronto

Use of echocardiography in clinical decision-making

11-11.30 Exercise and imaging
Guido Pieles, Bristol

11.30-12.00. Role of imaging in electrophysiology
Georgia Brugada, Barcelona

Decision-making in the operating room- peri-operative imaging
Meryl Cohen, Philadelphia

12.30 Discussion and final remarks Luc Mertens, Jan Marek, Folkert Meijboom