



Sunday, September 13th 2026

Learning Echocardiography through Virtual Reality

Hands-on VR course on teaching cardiac morphology and two-dimensional echocardiography

*Presented by Andrew Cook, Claudio Capelli, Beatrice Bonello, Endrit Pajaziti, and Jan Marek
Institute of Cardiovascular Sciences, University College London and Great Ormond Street
Hospital for Children*

12.30 Registration

13.00 – 17.00

Monday, September 14th 2026

8.00 – 8.30 Registration

08.30 Opening remarks

*Marko Babjuk (Dean of 2nd Medical School, Charles University Prague)
Jan Marek, Luc Mertens, Folkert Meijboom (course directors)*

8.35 – 09.35 Session I. Segmental approach to normal and abnormal situs

Chair: Folkert Meijboom, Utrecht

08.35 – 09.00 Segmental approach to cardiac morphology, *Andrew Cook, London*

09.00 – 09.25 Echocardiographic approach to segmental analysis *Jan Marek, London*

09.25 – 09.35 Q&A

9.35 – 10.50 Session II. Atrial septal defects and PAPVD

Chair: Luc Mertens, Ottawa/Toronto

09.35 – 10.00 Morphology of ASD and pulmonary veins, *Andrew Cook, London*

10.00 – 10.20 Echocardiography of ASD, *Deane Yim, Perth*

10.20 – 10.40 Assessment pulmonary veins, PAPVD & TAPVD, *Leo Lopez, Stanford*

10.40 – 10.50 Q&A

10.50 – 11.20 Coffee break

Learning
Echocardiography
Through Virtual Reality

Hands-on pre-conference VR course correlating
cardiac morphology and
two-dimensional echocardiography

PRAGUE
September 13th 2026

19th EUROPEAN
ECHOCARDIOGRAPHY
COURSE
on congenital heart disease

PRAGUE
September 14th-16th 2026

11.20 – 12.30 Session III. Ventricular septal defects

Chair: *Leo Lopez, Stanford*

11.20 – 11.45 Morphology of ventricular septal defects, *Andrew Cook, London*

11.45 – 12.05 Echocardiography of ventricular septal defects, *Paolo Ciliberti, Roma*

12.05 - 12.25 Role of echocardiography in decision making and therapeutic approaches to ASD & VSD closure, *Luc Mertens, Ottawa/Toronto*

12.25 – 12.30 Q&A

12.30 – 13.30 Lunch

13.00 – 13.30 Satellite mini-symposium

13.30 -14.00 Live scanning Session

14.00 – 14.50 Session IV. Atrioventricular septal defects

Chair: *Jan Marek, London*

14.00 – 14.25 Morphological aspect of AVSD, *Andrew Cook, London*

14.25 – 14.45 Preoperative assessment, *Meryl Cohen, Philadelphia*

14.45 – 15.00 Surgical AVSD repair, *Viktor Hraska, Milwaukee*

15.00 – 15.10 Q&A

15.10 – 15.40 Coffee break

15.40 – 16.20 Session V. Left ventricular outflow tract obstruction and aortic coarctation (case base)

Chair: *Meryl Cohen, Philadelphia*

15.40 – 15.55 Left ventricular outflow tract obstruction *Beatrice Bonello, London*

15.55 – 16.10 Complex aortic arch anomalies, *Leo Lopez, Stanford*

16.10 – 16.20 Q&A

16.20 – 17.50 Hands on course

Adjourn



Tuesday September 15th, 2026

08.30 – 10.00 Session VI. Tetralogy of Fallot

Chair: *Deane Yim, Perth*

08.30 – 08.55 Morphology of tetralogy of Fallot, *Andrew Cook, London*

08.55 – 09.15 Pre-operative assessment of tetralogy of Fallot, *Deane Yim, Perth*

09.15 – 09.30 Surgical repair of TOF, *Viktor Hraska, Milwaukee*

09.30 – 09.50 Role of Echocardiography after TOF repair, *Paolo Ciliberti, Rome*

09.50 – 10.00 Q&A

10.00 – 10.30 Coffee break

10.30 – 12.00 Session VII. Transposition of the great arteries

Chair: *Paolo Ciliberti, Rome*

10.30 – 10.55 Morphology of transposition, *Andrew Cook, London*

10.55 – 11.15 Pre-operative assessment, *Meryl Cohen, Philadelphia*

11.15 – 11.30 Arterial switch operation, *Viktor Hraska, Milwaukee*

11.30 – 11.50 Post-operative assessment after arterial switch, *Beatrice Bonello, London*

11.50 – 12.00 Q&A

12.00 – 13.00 Lunch

12.00 – 12.30 Satellite mini-symposium

12.30 -13.00 Live scanning Session

13.00 – 14.20 Diagnostic and therapeutic challenges in complex CHD (case based)

Chair: *Beatrice Bonello, London*

13.00 – 13.20 Double outlet right ventricle with non-committed VSD, *Jan Marek, London*

13.20 – 13.40 Unbalanced atrioventricular septal defect, *Meryl Cohen, Philadelphia*

14.00 – 14.20 Borderline left ventricle, *Luc Mertens, Ottawa/Toronto*



14.20 – 14.30 Q&A

14.20 – 14.50 Coffee break

14.50 – 15.30 Session VIII. Bad valves in CHD (case based)

Chair: *Deane Yim, Perth*

14.50 – 15.05 Tricuspid valve, *Paolo Ciliberti, Rome*

15.05 – 15.20 Pulmonary valve, *Deane Yim, Perth*

15.20 – 15.30 Q&A

15.30 – 17.00 Hands on course

Adjourn

[Wednesday September 16th, 2026](#)

08.30 – 10.45 Session IX. Functionally univentricular hearts

Chair: *Leo Lopez, Stanford*

08.30 – 08.55 Morphology of functionally univentricular hearts, *Andrew Cook, London*

08.55 – 09.15 Preoperative echocardiography, *Meryl Cohen, Philadelphia*

09.15 – 09.35 Surgical strategies in single ventricular palliation, *Viktor Hraska, Milwaukee*

09.35 – 10.55 Assessment of bidirectional Glenn and Fontan circulation, *Beatrice Bonello, London*

10.05 – 10.15 Q&A

10.15 – 10.45 Coffee break

10.45 – 12.30 Session X. Introduction to functional assessment

Chair: *Beatrice Bonello, London*

10.45 – 11.15 Practical approach to echocardiographic assessment of LV function, *Luc Mertens, Ottawa*

11.15 – 11.45 Practical approach to echocardiographic assessment of RV function, *Jan Marek, London*

11.45 – 12.10 Practical approach to functional assessment of mitral and aortic valve function, *Leo Lopez, Stanford*



12.10 – 12.30 Q&A

12.30 – 13.30 Lunch

13.30 – 15.00 Session XI. Failing ventricle in CHD -clinical practice (case based)

Chair: *Meryl Cohen, Philadelphia*

13.30 – 13.50 Is it coronaries? Ischemia in paediatric heart disease, *Leo Lopez, Stanford*

13.50 - 14.10 Is it the electricity? Electro-mechanical dyssynchrony and heart failure, *Beatrice Bonello, London*

14.10 - 14.30 Is it systemic right ventricle? RV dysfunction in CcTGA, *Deane Yim, Perth*

14.30 – 14.50 It is systemic single ventricle? Systemic ventricular dysfunction in Fontan circulation, *Paolo Ciliberti, Rome*

14.50 – 15.00 Q&A

15.00 – 16.00 Session XII. Echocardiography in CHD: back to the future

Chair: *International faculty*

15.00 – 15.20 Moving from 2D to 3D echocardiography in real time and real life. *Jan Marek, London*

15.20 – 15.40 Faster machines, faster imaging, faster diagnosis, *Luc Mertens, Ottawa/Toronto*

15.40 – 15.50 Q&A

15.50 – 17.20 Hands on course

17.20 - 17.30 Closing remarks & Adjourn *Jan Marek, Luc Mertens, Folkert Meijboom*