



**Echo-Morphological Correlations and Role in Surgical Decision Making.
In Person and Live Interactive Course with Q&A Case Discussions**

1. Echocardiography-Morphology Correlations on simple and more complex congenital heart disease.
2. Discussion of role of Imaging in surgical decision-making.
3. Illustration of surgical techniques with surgical videos illustrating surgical techniques
4. Postoperative or postinterventional assessment.
5. Case-based discussions with mock accreditation exam questions

Hybrid event with both in person and virtual option
Poll system provided: question with immediate answers

Wednesday 14th of September

8.25 Opening remarks

Paolo Ciliberti, Rome, Lorenzo Galletti, Rome

Session 1. Segmental approach to normal and abnormal situs

Chair: Folkert Meijboom, Utrecht

08.35 Morphology

Andrew Cook, London

09.05 Echocardiography

Jan Marek, London

09.35 Q&A

Session 2. Atrial Septal Defects

Chair: Gabriele Rinelli, Rome

09.45 Morphology of Atrial Septal Defects

Andrew Cook, London

10.05 Echocardiography of Atrial Septal Defects

Paolo Ciliberti, Rome

10.25 Discussion on Surgical versus Interventional Closure

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome



10.35 Coffee break

Session 3. Ventricular and Atrioventricular Septal Defects

Chair: Luc Mertens, Toronto

11.00 Morphology of Ventricular Septal Defects

Andrew Cook, London

11. 20 Echocardiography of Ventricular Septal Defects

Leo Lopez, Stanford

11.40 Discussion Surgical and interventional aspects of VSD closure.

11.50 Morphological Aspect of Atrioventricular Septal Defects

Andrew Cook, London

12.20 Echocardiographic assessment of AVSD. What you need to know before surgical repair?

Meryl Cohen, Philadelphia

12.50 Surgical aspects of AVSD repair and postoperative assessment.

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

13.15 Lunch Break

Session 4. Tetralogy of Fallot

Chair: Roberta Iacobelli, Rome

14.15 Morphology of Tetralogy of Fallot

Andrew Cook, London

14.40 Pre-operative assessment

Luc Mertens, Toronto

15.05 Discussion- Considerations and techniques for surgical repair

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

15. 20 Post-operative assessment after TOF repair

Giovanni Di Salvo, Padua



15.45 Coffee break

Session 5. Coronary artery abnormalities

Chair: Meryl Cohen, Philadelphia

16.00 ALCAPA and ARCAPA

Leo Lopez, Stanford

16.25 Abnormal origin of the coronary arteries from the aorta

Jan Marek, London

16.50 Surgical management of coronary anomalies

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

17.00. End of the day

Thursday 15th of September

Session 6. Transposition and Double Outlet Right Ventricle

Chair: Lorenzo Galletti, Rome

08.30 Morphology of TGA and DORV

Andrew Cook, London

09.00 Simple Transposition – pre-operative assessment

Giovanni Di Salvo, Padua

09.20. Surgical perspective- arterial switch

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

09.35 Complex transposition TGA/VSD and Double Outlet Right Ventricle

Jan Marek, London

10.00 Surgical discussion complex transposition/DORV

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

10.15 Postoperative assessment of TGA & DORV

Meryl Cohen, Philadelphia

10.45 Coffee Break



Session 7. LVOTO and Coarctation of the aorta

Chair: Jan Marek, London

11.00 Morphology of the LVOT and Aortic Arch

Andrew Cook, London

11.25 Echocardiography in LVOT obstruction & coarctation

Leo Lopez, Stanford

11.50 Surgical aspects of LVOT and coarctation

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

12.05 Postoperative assessment after LVOT, aortic valve & coarctation

Meryl Cohen, Philadelphia

12.30 Lunch Break

Session 8. Functionally Univentricular Hearts

Chair: Giovanni Di Salvo, Padua

13.30 Morphology

Andrew Cook, London

14.00 Preoperative echocardiography

Gabriele Rinelli, Rome

14.30 Surgical strategies in single ventricular palliation

Viktor Hraska, Milwaukee – Lorenzo Galletti, Rome

15.00 Echocardiographic evaluation during staged palliation

Luc Mertens, Toronto

15.30 Coffee break

Session 9. Introduction to functional assessment

Chair: Folkert Meijboom, Utrecht

16.00 Assessment of LV function- what do the new guidelines say?

Leo Lopez, Stanford



16.20 Assessment of RV function. What do we use in clinical practice?

Giovani Di Salvo, Padua

16.40 Assessment of single ventricular function

Luc Mertens, Toronto

17.00 adjourn

Friday 16th of September

Session 10. Preparation for the accreditation examination

Chair: Owen Miller, London

08.30 How to prepare for the EACVI accreditation examination

Owen Miller, London

Session 11. Case-based discussions with live audience interactions and live polls. Role of echocardiography in surgical decision-making

Chair: Paolo Ciliberti, Rome

09.00 – 13.30

1. We will present cases with clinical information and echocardiographic imaging.
2. We will ask questions to audience similar to EACVI accreditation exam questions.
3. Discuss the role of additional imaging
4. Discuss surgical or interventional decision-making
5. Present outcome