



Learning Echocardiography Through Virtual Reality

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

PRAGUE

September 13th 2026

**Presented by Prof Andrew Cook, Dr Beatrice Bonello, Dr Claudio Capelli, Dr Endrit Pajaziti, and Prof Jan Marek
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Hospital for Children**

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

will be organised in Prague at Charles University (Universita Karlova)
on Sunday September 13th, 2026

This innovative pre-conference course provides an in-depth review of the normally and abnormally structured heart combining Virtual Anatomy Labs with Echocardiographic imaging using VR. Led by a multi-disciplinary team of consultant morphologists, cardiologists, and engineers from GOSH and UCL, this unique training offers an in-depth review of the structurally normal heart and a broad range of congenital heart abnormalities in order to address the challenges of lesions with marked anatomical variability. 2D echocardiographic imaging (first-line imaging in cardiology) combined with corresponding 3D anatomical models and expert tutors will provide the basis for a practical hands-on approach to interpreting imaging and 3D cardiac structures. The course also offers the possibility to familiarise yourself with computational modelling and simulation and advanced anatomic imaging (HiP-CT), and their use in enriching multidisciplinary understanding of congenital heart disease.

Learning objectives:

- To understand normal cardiac anatomy and imaging
- To understand anatomical variability in congenital heart disease
- To correlate 3D cardiac anatomy with Echocardiography (first choice imaging modality in Cardiology)
- To familiarise with VR technology for future learning and planning
- To familiarise with HiP-CT, computational modelling and simulation

Who should attend?

The course is aimed at advanced medical students (4th-6th year), junior doctors, cardiac physiologists and cardiology trainees specialising in paediatric cardiology and adult cardiology in Congenital Heart Diseases. No previous VR experience is required.

Contact Details:

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Further information and registration link soon on:

www.echocardiography-course.com

REGISTRATION FEES (VAT INCLUDED)

	EARLY BIRD UNTIL April 30th, 2026	LATE REGISTRATION FROM April 30th, 2026
Regular	250,00 €	350,00 €
Junior (<35 years old)	250,00 €	350,00 €
Sonographers	250,00 €	350,00 €

PACKAGE DISCOUNTED REGISTRATION FEE

Hands-on pre-conference VR Course

September 13th, 2026

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19th European Echocardiography Course on Congenital Heart Disease

September 14th -16th, 2026

REGISTRATION FEES (VAT INCLUDED)

	EARLY BIRD UNTIL April 30th, 2026	LATE REGISTRATION FROM April 30th, 2026
Regular	850,00 €	950,00 €
Junior (<35 years old)	750,00 €	850,00 €
Sonographers	750,00 €	850,00 €

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