

6th

6th EUROPEAN
TRANSOESOPHAGEAL
ECHOCARDIOGRAPHY
COURSE
on congenital
heart disease

LONDON

April 13th-14th, 2023

What is this course about?

This is the sixth dedicated course on transoesophageal echocardiography (TOE) on congenital heart disease providing the participant with the essential theoretical basics, morphological aspects of common lesions in congenital heart disease as well as practical aspects of TOE in children and adults with congenital heart disease. The two-day course will provide hands-on TOE simulator experience, using adult and paediatric mannequins, with particular focus on congenital lesions frequently encountered in clinical practice.

All practical sessions will be directly supervised by experienced TOE operators in this field. Participants will have opportunities to discuss challenging cases with instructors individually. This course is an ideal complementation to the popular "European Echocardiography Course on Congenital Heart Disease". For more information and online registration go to www.echocardiography-course.com.

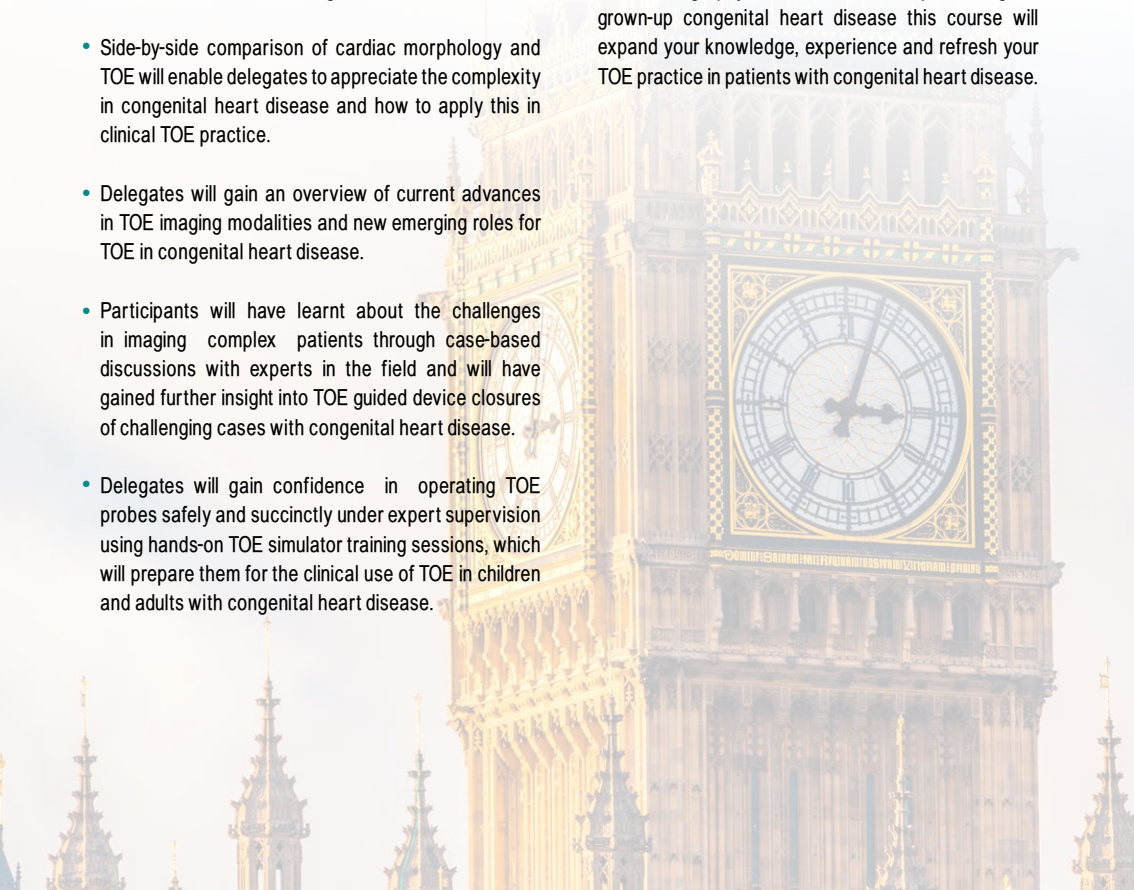
What will you learn?

- By the end of this course participants will have a good understanding of the physics involved in transoesophageal echocardiography (TOE) and understand indications and limitations of TOE in children and adults with congenital heart disease
- Side-by-side comparison of cardiac morphology and TOE will enable delegates to appreciate the complexity in congenital heart disease and how to apply this in clinical TOE practice.
- Delegates will gain an overview of current advances in TOE imaging modalities and new emerging roles for TOE in congenital heart disease.
- Participants will have learnt about the challenges in imaging complex patients through case-based discussions with experts in the field and will have gained further insight into TOE guided device closures of challenging cases with congenital heart disease.
- Delegates will gain confidence in operating TOE probes safely and succinctly under expert supervision using hands-on TOE simulator training sessions, which will prepare them for the clinical use of TOE in children and adults with congenital heart disease.

Who should attend?

This course is aimed at clinical staff working in the field of paediatric or adult congenital heart disease.

Whether you are working in paediatric cardiology, cardiac theatres, interventional angiography suites, echocardiography laboratories or specialising in grown-up congenital heart disease this course will expand your knowledge, experience and refresh your TOE practice in patients with congenital heart disease.



DAY 1: Thursday April 13th, 2023

- 08:30-09:00 Registration & coffee
- 09:00-09:10 Welcome and introduction
Beatrice Bonello and Jan Marek, London
- 09:10-09:40 Segmental approach to congenitally malformed hearts: inside cardiac structures from outside the body
Andrew Cook, London
- 09:40-10:00 Learning TOE on congenital heart disease: structured approach & training with quality improvement in mind
Beatrice Bonello, London
- 10:00-10:30 Advantages and limitations of TOE in patients with congenital heart disease
Andreea Dragulescu, Toronto
- 10:30-11:00 Intraoperative TOE, the view from the anaesthetist
Sue Wright, London
- 11:00-11:15 Discussion
- 11:15-11:45 *Coffee break*
- 11:45-12:15 Demonstration of cardiac morphology: ASD, VSD, and AVSD
Andrew Cook, London
- 12:15-12:45 TOE guided procedures in the cathlab
Beatrice Bonello, London
- 12:45-13:15 TOE assessment in VSD & AVSD in the OR
Andreea Dragulescu, Toronto
- 13:15-13:45 TOE in adults with congenital heart disease
Heleen van der Zwaan, Utrecht
- 13:45-14:00 Discussion
- 14:00-14:45 *Lunch break*
- 14:00-14:45 Philips 3D TOE Hands-on Practical sessions using congenital datasets: Using 3D to evaluate shunts
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- 14:45-17:45 Workshop:
Practising TOE with simulators (adult and baby mannequins) Supervised by faculty and GOSH team available for Q&A
- 18:00-20:00 Evening reception

DAY 2: Friday April 14th, 2023

- 08:00-08:30 Welcome with tea & coffee
- 08:00-08:30 Philips 3D TOE Hands-on Practical sessions using congenital datasets: A 3D look at the RV
NOT ACCREDITED EBAC
- 08:30-09:15 Demonstration of complex cardiac morphology with outflow tract obstruction and functionally univentricular heart
Andrew Cook, London
- 09:15-09:45 TOE assessment of left ventricular outflow tract
Jan Marek, London
- 09:45-10:15 TOE assessment of right outflow tract including complex congenital heart disease
Luc Mertens, Toronto
- 10:15-10:45 TOE assessment of patients following Fontan operation
Heleen van der Zwaan, Utrecht
- 10:45-11:00 Discussion
- 11:00-11:30 *Coffee & tea break*
- 11:30-13:00 'Expert tips & tricks': Panel of experts discussing challenging congenital heart disease TOE cases with delegates
Beatrice Bonello, Andreea Dragulescu, Jan Marek, Folkert Meijboom, Luc Mertens, Heleen van der Zwaan, Sue Wright
- 13:00-13:45 *Lunch break*
- 13:00-13:45 Philips 3D TOE Hands-on Practical sessions using congenital datasets: How 3D can assist in complex cases
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- 13:45-16:45 Workshop:
Practising TOE with simulators (adult and baby mannequins) Supervised by faculty and GOSH team available for Q&A
- 16:45-17:00 Course feedback & outlook for the future
Beatrice Bonello, Andreea Dragulescu, Jan Marek, Folkert Meijboom, Luc Mertens, Heleen van der Zwaan, Sue Wright
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Course Organisation

Beatrice Bonello & Jan Marek (London)

Course Directors

Jan Marek (London)

Luc Mertens (Toronto)

Folkert Meijboom (Utrecht)

Registration fees

Early Bird: € 690,00 until 16/01/2023 (VAT included)

Standard: € 770,00 from 17/01/2023 (VAT included)

Congress Location

Royal College of Anaesthetists

Churchill House

35 Red Lion Square

London WC1R 4SG

Secretariat

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In compliance with EBAC guidelines, all speakers/ chairpersons participating in this programme have disclosed or indicated potential conflicts of interest which might cause a bias in the presentations. The Organizing Committee/Course Director is responsible for ensuring that all potential conflicts of interest relevant to the event are declared to the audience prior to the CE activities.

This programme is accredited by the European Board for Accreditation of Continuing Education for Health Professionals (EBAC) for 15 hours of external CE credits. Each participant should claim only those hours of credit that have actually been spent in the educational activity.

To register and for further information see: www.echocardiography-course.com

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