



7th EUROPEAN
TRANSOESOPHAGEAL
ECHOCARDIOGRAPHY
COURSE
on congenital
heart disease

LONDON

April 4th-5th, 2024

What is this course about?

This is the seventh 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.

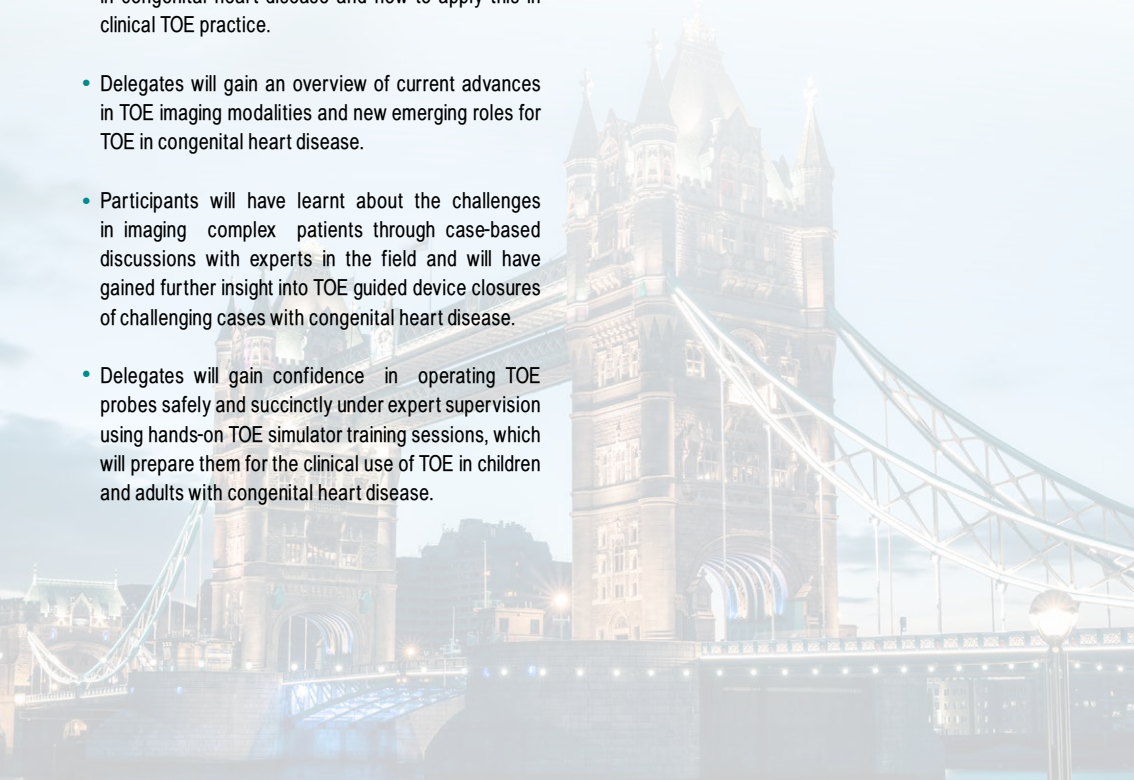
What will you learn?

- 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 4th, 2024

08:30-09:00 Registration & coffee

09:00-09:10 Welcome and introduction

Beatrice Bonello and Jan Marek, London

09:10-09:40: TOE views in congenital heart disease: let's start from scratch.

Beatrice Bonello, London

09:40-10:00 Towards a standard protocol for performing TOE in the operating room

Luc Mertens, Toronto

10:00-10:20 Assessment of cardiac function after CHD surgery: the view from the anaesthetist

Sue Wright, London

10:20 – 10:40 TOE in the OR: working under pressure.

Michelle Carr, London

10:40 – 11:10 TOE in adults with congenital heart disease

Heleen van der Zwaan, Utrecht

11:00-11:15 Discussion

11:15-11:45 *Coffee break*

11:45-12:15 Morphology: ASD, VSD, and AVSD

Andrew Cook, London

12:45-13:15 TOE assessment in ASD, VSD & AVSD in the OR

Kuberan Pushparajah, London

13:15-13:45 TOE-guided CHD procedures in the catheterisation laboratory

Beatrice Bonello, London

13:45-14:00 Discussion

14:00-15:15 *Lunch break / 14:30-15:15 Industry workshops*

15:15-18:15 Workshop: Practising TOE with simulators (adult and baby mannequins)

Supervised by faculty and GOSH team available for Q&A

Beatrice Bonello, Michelle Carr, Kuberan Pushparajan, Jan Marek, Folkert Meijboom, Luc Mertens,

Heleen van der Zwaan, Sue Wright, Florian Loeffelbein

DAY 2: Friday, April 5th, 2024

08:00-08:30 Welcome with tea & coffee

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 the 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 Morphological and functional TOE assessment of AV valves

Heleen van der Zwaan, Utrecht

10:45-11:00 Discussion

11:00-11:30 *Coffee & tea break*

11.30 -12.00: State of the art: Role of 3D TOE in paediatric CHD- a new frontier in echocardiography

Jan Marek, London

12:00-13:00 – Illustrative cases of how to use TOE in CHD decision-making:

Double-outlet right ventricle

Kuberan Pushparajan, London

Transposition after arterial switch

Luc Mertens, London

Ebstein's anomaly

Beatrice Bonello, London

Single ventricle after Fontan

Heleen van der Zwaan, Utrecht

13:00-14:15 *Lunch break / 13:30-14:15 Industry workshops*

14:15-17:15 Workshop

Practising TOE with simulators (adult and baby mannequins) Supervised by faculty and GOSH team available for Q&A

Beatrice Bonello, Michelle Carr, Kuberan Pushparajan, Jan Marek, Folkert Meijboom, Luc Mertens, Heleen van der Zwaan, Sue Wright, Florian Loeffelbein

17:15-17:30 Course feedback & outlook for the future

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 16/01/2024 (VAT included)

Standard: € 770,00 from 17/01/2024 (VAT included)

Accreditation from EBAC European Board for Accreditation in Cardiology has been applied for.

Congress Location

Royal College of Anaesthetists

Churchill House

35 Red Lion Square

London WC1R 4SG

Secretariat

I&C srl

Via Andrea Costa 202/6 - 40134 Bologna (Italy)

Ph: +39 (0)51 6144004 - Fax +39 (0)51 6142772

stefania.parolari@iec-srl.it / giulia.delia@iec-srl.it

www.iec-srl.it

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

