

Postgraduate Course in Periprocedural Echocardiography

26
LONDON

Postgraduate Course in Periprocedural Echocardiography 2026



July 9-11, 2026

Royal Marsden Education and Conference Centre &
Royal Brompton Clinical Skills and Simulation Centre
London

Course Directors

Ali Vazir

Thomas F. Lüscher

Alison Duncan

Scientific Coordination

Christine Lohmann

ZÜRICH
HEART HOUSE



LONDON
HEART HOUSE

Royal Brompton and
Harefield hospitals



Guy's and St Thomas'
NHS Foundation Trust

Endorsed by



British Society
of Echocardiography
endorsed course



Welcome Address

Dear Doctor

It is a real pleasure to announce the Postgraduate Course in Periprocedural Echocardiography to be held in London on June 19-21, 2025, conceived by Zurich Heart House – London Heart House and the Royal Brompton & Harefield Hospitals.

The management of valvular heart disease has gone through a revolution since the introduction of transcatheter aortic valve implantation (TAVI), and now includes transcatheter edge-to-edge repair of the mitral and, more recently, the tricuspid valve, as well as transcatheter mitral and tricuspid valve replacement procedures. All these interventions are heavily dependent on imaging modalities, both for diagnosis, indications, and periprocedural monitoring and guidance. This is particularly true for edge-to-edge repair of the mitral and tricuspid valves, but also for structural interventions such as the occlusion of paravalvular leaks, and closure of a patent foramen ovale or the left atrial appendage.

This impressive development in structural interventions for patients with valvular heart disease and other structural conditions has transformed imaging, particularly echocardiography. Indeed, such procedures require a new professional profile of specialized imagers with appropriate training and experience.

The 3-day Postgraduate Course in Periprocedural Echocardiography will address this unmet clinical need. It will involve state-of-the-art lectures, interactive case presentations, and hands-on features for participants interested in imaging and valvular heart disease. The course offers a unique opportunity to become an expert in the area of periprocedural echocardiography. We are looking forward to receiving your application and meeting you in London.

Yours sincerely,



Thomas F. Lüscher



Ali Vazir



Alison Duncan

Scientific Programme

Thursday, July 9th, 2026

08:30 REGISTRATION AND COFFEE

09:00 Session 1: Introduction

09:00 Introduction: Imaging in structural heart disease - Course outline and objectives Ali Vazir and Thomas F. Lüscher, London

09:20 Valvular heart disease and the rise of trans-catheter valve procedures Mamta Buch, Manchester

09:40 Session 2: Mitral Valve-1

Chairs: Ali Vazir, London and Thomas F. Lüscher, London

09:40 Trans thoracic echocardiographic assessment for Mitral valve disease- *What do the 2021 ESC/EACTS Guidelines for the management of valvular heart disease recommend? When to consider MV intervention?* Jonas Lanz, Berne

10:10 Trans-oesophageal echocardiographic assessment of mitral valve regurgitation- special considerations for TEER and TMVR Alison Duncan, London

10:20 Panel discussion

10:40 COFFEE BREAK

11:00 Session 3: Mitral Valve-2

Chair: Jonas Lanz, Berne and Mamta Buch, Manchester

11:00 Transoesophageal echocardiography step-by-step procedural guidance for mitral valve transcatheter edge-to-edge repair (TEER) Michel Zuber, Othmarsingen

11:20 Transoesophageal echocardiography step-by-step procedural guidance for mitral valve transcatheter mitral valve replacement (TMVR) Alison Duncan, London

11:40 Transoesophageal echocardiographic assessment of mitral valve stenosis - considerations for balloon valvuloplasty Ali Vazir, London

12:00 Transoesophageal echocardiography step-by-step procedural guidance for transventricular neochordal implantation Alison Duncan, London

12:20 Panel discussion

12:30 Industry sponsored symposium (tbc)

13:00 LUNCH BREAK and INTERACTIVE INDUSTRY EXHIBITION

Scientific Programme

Thursday, July 9th, 2026

13:30 Session 4: Live in Box Mitral cases:

Chair: Ali Vazir, London and Michel Zuber, Othmarsingen

13:30	Mitral TEER	Ee Ling Heng, London
13:50	Panel discussion	
14:00	Mitral TMVR	Cesare Quarto, London
14:20	Panel discussion	
14:30	Mitral Valvuloplasty	Robert Smith, London
14:50	Panel discussion	
15:00	Transventricular neochords	Rashmi Yadav, London
15:20	Panel discussion	

15:30 COFFEE BREAK

16:00 Session 5: Atrial Septal Defects & Left Atrial Appendage

Chair: Iqbal Malik, London and Ee Ling Heng, London

16:00	Trans-thoracic and trans-oesophageal echocardiographic assessment of inter-atrial septal pathologies - consideration for transcatheter closure device	Wei Li, London
16:20	Left atrial appendage occlusion: Patient selection and indications.	Nilesh Sutaria, London
16:40	Transoesophageal echocardiographic assessment of left atrial appendage - is there thrombus? Suitable for DC Cardioversion?	Ali Vazir, London
17:00	Panel discussion	

END OF DAY 1

Scientific Programme

Friday, July 10th, 2026

09:00 **Session 6: Tricuspid Valve-1**

Chairs: Michel Zuber, Othmarsingen and Robert Smith, London

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| 09:00 | Advanced transthoracic echocardiographic assessment of tricuspid valve disease and right ventricle- severity and mechanism | Denisa Muraru, Milan |
| 09:20 | Transoesophageal echocardiographic assessment of tricuspid valve disease for TV interventions - case selection for tricuspid TEER versus TTVR | Alison Duncan, London |
| 09:40 | Surgical and transcatheter intervention for tricuspid valve disease - update | Francesco Maisano, Milan |
| 10:00 | Panel discussion | |

10:15 **COFFEE BREAK**

10:45 **Session 7: Tricuspid Valve-2**

Chairs: Francesco Maisano, Milan and Alison Duncan, London

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|-------|---|-----------------------------------|
| 10:45 | Transoesophageal echocardiography step-by-step procedural guidance for tricuspid valve TEER | Ali Vazir, London |
| 11:05 | Transoesophageal echocardiography step-by-step procedural guidance for TTVR | Jim Newton, Oxford |
| 11:25 | Transoesophageal echocardiography multi-planar guidance for tricuspid valve TEER | Alexandros Papachristidis, London |
| 11:45 | Panel discussion | |

12:00 **Industry sponsored symposium (tbc)**

12:30 **LUNCH BREAK and INTERACTIVE INDUSTRY EXHIBITION**

13:30 **Session 8: Live in Box Tricuspid cases**

Chair: Jonathan Byrne, London, UK and Jim Newton, London, UK

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|-------|---------------------------------|--------------------------|
| 13:30 | Tricuspid TEER | Ee Ling Heng, London |
| 13:50 | Panel discussion | |
| 14:00 | Tricuspid TEER- Complex disease | Robert Smith, London |
| 14:20 | Panel discussion | |
| 14:30 | Tricuspid TMVR | Francesco Maisano, Milan |
| 14:50 | Panel discussion | |

15:00 **COFFEE BREAK**

Scientific Programme

Friday, July 10th, 2026

15:30 **Session 9: Aortic Valve and Aortic disease**

Chair: Mario Petrou, London, UK and Patrick Calvert, London, UK

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|-------|---|---------------------------|
| 15:30 | Pitfalls in the echocardiographic assessment of aortic stenosis and regurgitation | Madalina Garbi, Cambridge |
| 15:50 | Transoesophageal assessment for surgical and transcatheter aortic valve replacement (SAVR and TAVI) - what and how to assess? | Madalina Garbi, Cambridge |
| 16:10 | Aortic dissection: how to diagnose and guide therapy | Ali Vazir, London |
| 16:30 | Role of periprocedural transoesophageal echocardiography for transcatheter closure of paravalvular leaks | Bushra Rana, London |
| 16:50 | Panel discussion | |

END OF DAY 2

Saturday, July 11th, 2026

09:00 **Session 10: Peri-Procedural Imaging for Circulatory Support**

Chairs: Susanna Price, London and Simon Davies, London

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|-------|---|-----------------------|
| 09:00 | Indications for extracorporeal circulatory support (ECMO) in cardiogenic shock - importance of echocardiography | Susanna Price, London |
|-------|---|-----------------------|

09:30 **Session 11: Echocardiography (TTE and TEE) for circulatory and respiratory support devices - Case-based Seminars: What to look for and report on for each device when on ICU?**

Hatem Soliman
Aboumarie, London

VA – ECMO

VV – ECMO

Impella

Intra-aortic balloon pump (IABP)

Central circuits

Long-term VADs

10:30 **COFFEE BREAK**

11:00 **HANDS ON EXPERIENCE**

workshops in parallel / 60min each per group

13:00 **LUNCH BREAK and INTERACTIVE INDUSTRY EXHIBITION**

14:00 **HANDS ON EXPERIENCE**

workshops in parallel / 60min each per group

END OF DAY 3

The programme may be subject to change.

Faculty

Mamta Buch
University of Manchester
Manchester, UK

Jonathan Byrne
King's College London
London, UK

Patrick Calvert
Royal Papworth hospital
Cambridge, UK

Oleksandr Danylenko
Royal Brompton Hospital
London, United Kingdom

Simon Davies
Royal Brompton Hospital
London, United Kingdom

Alison Duncan
Royal Brompton and Harefield hospitals
London, UK

Madalina Garbi
Royal Papworth Hospital
Cambridge, UK

Ee Ling Heng
Royal Brompton and Harefield hospitals
London, UK

Jonas Lanz
University hospital Berne, Inselspital
Berne, CH

Wei Li
Royal Brompton and Harefield hospitals
London, UK

Thomas F. Lüscher
Royal Brompton and Harefield hospitals
London, UK

Francesco Maisano
San Raffaele Hospital
Milan, IT

Iqbal Malik
Hammersmith hospital
London, UK

Denisa Muraru
University of Milan Bicocca
Milan, IT

Jim Newton
Oxford University Hospitals
Oxford, UK

Alexandros Papachristidis
King's College Hospital
London, UK

Mario Petrou
Royal Brompton and Harefield hospitals
London, UK

Susanna Price
Royal Brompton and Harefield hospitals
London, UK

Cesare Quarto
Royal Brompton and Harefield hospitals
London, UK

Bushra Rana
Imperial College Healthcare NHS Trust
London, UK

Robert Smith
Royal Brompton and Harefield hospitals
London, UK

Hatem Soliman Aboumarie
Royal Brompton and Harefield hospitals
London, UK

Nilesh Sutaria
Cromwell hospital
London, UK

Ali Vazir
Royal Brompton and Harefield hospitals
London, UK

Rashmi Yadav
Royal Brompton and Harefield hospitals
London, UK

Michel Zuber
Cantonal hospital Aarau
Aarau, CH

General Information

Registration

Registrations can be made exclusively online on our website:

<https://www.zhh.ch/en/agenda/postgraduate-course-periprocedural-echocardiography-2026>

Course Fee

Early registration fee until June 8 th , 2026	550 GBP
Regular course fee	650 GBP
Trainees, residents (<40y) until June 8 th , 2026	350 GBP
Trainees, residents (<40y)	450 GBP
Day tickets	200 GBP



Modification & Cancellation

All modifications or cancellations must be notified in writing (by mail, fax or e-mail) to Zurich Heart House. For each modification requested by the participant, GBP 15 will be charged for administrative costs. In case of cancellation up to June 9th, 2026, deposits will be refunded less 35% for administrative costs. After this date, no refund will be possible.

Venue

Royal Marsden Education and Conference Centre, Stewart's Grove, London SW3 6JJ

Royal Brompton Clinical Skills and Simulation Centre, Royal Brompton Hospital, South Parade, London SW3 6LL

Accreditation

The Postgraduate Course in Periprocedural Echocardiography 2026 has been submitted to the Federation of the Royal Colleges of Physicians of the United Kingdom.

The Postgraduate Course in Periprocedural Echocardiography 2026 has been awarded 9 BSE points.

Sponsors



The sponsoring grants are used exclusively for the organisation of the scientific programme. The scientific programme has not been influenced by its sponsors in any way.

Organisation

Organisation

Zurich Heart House, Foundation for Cardiovascular Research

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