

Masterclass series

Cardiothoracic Organ Retrieval, Transplantation and Mechanical Circulatory Support

Wednesday 11th to Friday 13th March 2026

Endorsed by



"The Royal College of Surgeons of England has awarded up to 18.5 CPD points for the event."

Course Director:

- **Marius Berman**, Consultant Cardiothoracic & Transplant Surgeon, Surgical Lead for Transplantation and MCS
- **Hassiba Smail**, Consultant Cardiothoracic & Transplant Surgeon
- **Lisa Seeberger**, Education Facilitator, Theatres, Senior Theatre Practitioner

Venue

The Cambridge Surgical Training Centre.
The Quorum, Barnwell Rd, Cambridge, CB5 8RE

Course Overview

This Masterclass is aimed at senior trainees in cardiac surgery and consultant surgeons within their first 2-3 years of appointment. Applications from other theatre staff involved in organ retrieval and transplantation are welcome.

The masterclass provides hands-on practice in:

- Heart and lungs retrieval
- Heart and lung transplantation as separate organs
- Heart-lung en-block transplant
- Short term MCS
- Long term MCS

Nurses Training

Nurses will undergo an extra half day of training to ensure that staff are suitably trained in and understand different organ retrieval procedures and equipment needed. They will cover:

- Donation after Circulatory Death (DCD) and Donation after Brain Death (DBD) retrievals
- Theatre set up and Transplant Box
- National Organ Retrieval Service (NORS), NORS team members and mobilisation and the role of Donor Care Physiologists (DCPs)

Faculty

- **Giuseppe Aresu**, Consultant Surgeon, Royal Papworth Hospital, Cambridge
- **Irene Bello**, Consultant Thoracic Surgeon, Vall Hebron, Spain
- **Christiano Amarelli**, Consultant Cardio-Thoracic, Napoli, Italy
- **Louise Kenny**, Consultant Cardio-Thoracic Congenital Surgeon, Newcastle UK
- **Bart Zych**, Cardiothoracic Surgeon, Nors Lead, Harefield Hospital, London
- **Jen Baxter**, Lead Donor Care Physiologist, Royal Papworth Hospital
- **Pedro Catarino**, Consultant Surgeon, Cedars, Sinai, Los Angeles
- **Pradeep Kaul**, Consultant Surgeon, Royal Papworth Hospital, Cambridge
- **Mohamed Osman**, Consultant Surgeon, Harefield Hospital, London
- **Lavinia Padurean**, Senior Scrub Nurse, Royal Papworth Hospital, Cambridge
- **David Quinn**, Cardiothoracic Surgeon, Nors Lead, Qeh, Birmingham
- **Mohammad Rafiq**, Consultant Surgeon, Royal Papworth Hospital, Cambridge
- **Ulrich Stock**, Consultant Cardiothoracic And Transplant Surgeon, Perth, Australia
- **Steven Tsui**, Consultant Surgeon, Royal Papworth Hospital, Cambridge
- **Beccy Mullen**, Transplant Coordinator, Royal Papworth Hospital, Cambridge

Programme:

Wednesday 11th March 2026

Session for nurses and peri-operatives

13:00-13:10	Introductions & Health & Safety
13:10-13:40	DCD & DBD retrieval - Jennifer Baxter and Lisa Seeberger
13:40-14:10	Heart and lung transplant - Hassiba Smail
14:10-15:10	Lab set up
15:10-15:30	Break
15:30-15:50	National Organ Retrieval Service (NORS) - Pradeep Kaul
15:50-16:10	NORS coordination and mobilisation - Beccy Mullen
16:10-16:30	Donor Care Physiology (DCP) - Jennifer Baxter
16:30-17:00	Feedback & questions

Thursday 12th March 2026

08:00	Registration and tea/coffee
08:30	Welcome and introductions - Marius Berman and Hassiba Smail & Heart Research UK
08:40	Housekeeping regulations - Groups Set Up - Hassiba Smail
09:00-11:00	Heart and Lung Retrieval - Block split
11:00-11:15	Break
11:15-13:00	Heart Transplantation
13:00-13:30	Lunch
13:30-16:00	Lung Transplantation
16:00-16:15	Break
16:15-17:00	DCD heart transplant and HOPE
17:00-17:15	Summary of day 1 and overview day 2 - Hassiba Smail/Marius Berman

Friday 13th March 2026

08:00-08:30	Registration and XVIVO presentation
08:30-11:00	Heart and Lung block retrieval, Heart and Lung Transplantation
11:00-11:15	Break
11:15-13:15	Heartmate 3
13:15-13:45	Lunch
13:45-15:00	BIVAD Implant
15:00-15:15	Break
15:15-16:30	Impella 5.5 implant
16:30-17:00	Paediatric aspects of Cardiothoracic Transplantation
17:00-17:15	Feedback & Course closure

For more details visit:

heartresearch.org.uk/research/masterclass

Or contact Babs Amponsah on **0113 234 7474** or email masterclasses@heartresearch.org.uk

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