

Masterclass series

Cardiothoracic Organ Retrieval and Transplantation

Sponsored by Heart Research UK

Date: Wednesday 9th December

Venue: Interactive, online streamed demonstration from the West Midlands Surgical Training Centre, University Hospital Coventry and Warwickshire

Course Director: Mr Joseph Zacharias

Cardiothoracic Faculty: Jen Baxter – Lead Retrieval nurse, Papworth
Diana Garcia – Surgeon, Harefield
Florin Popa – Lead Scrub nurse, Papworth
Pradeep Kaul – Surgeon, Papworth
Marius Berman – Surgeon, Papworth

Abdominal Faculty: Fiona Hunt – Lead Retrieval Nurse, Edinburgh
Lesley Coutts – Perfusion preservation/scrub nurse
Ahmed Sherif – Surgeon, Edinburgh
Chris Johnson – Surgeon, Edinburgh
Ian Currie – Surgeon, Edinburgh

Online Faculty: Mubassher Husain – Surgeon, Harefield
Andrew Butler – Surgeon, Cambridge
Anand Jothidasan – Surgeon Harefield
Pedro Catarino – Surgeon, Cedars-Sinai, LA
Steven Tsui – Surgeon, Papworth

This course is offered by national charity, Heart Research UK, to consultants and senior trainees, and places are limited. The course is free of charge.

Mandatory reading and preparation prior to course;

1. Orthotopic heart transplantation, Marius Berman/Steven Tsui, Transplantation Surgery, Springer, Editors Oniscu. Forsythe p 35-60
2. Lung transplantation. Adalet Amir/Dirk Van Raemdonck. Transplantation Surgery, Springer, Editors Oniscu. Forsythe p 61-82
3. Heart-lung transplantation. Pedro Catarino/Steven Tsui. Transplantation Surgery, Springer, Editors Oniscu. Forsythe p 83-102
4. UK national protocol for direct retrieval and perfusion (DRP) of DCD hearts and lungs with or without abdominal NRP to ex situ normothermic perfusion.

Programme

Wednesday 9th December 2020	
08.30	0830 – Welcome and introductions - Marius Berman
08.40	UK CT transplantation workforce - Steven Tsui, SCTS Transplantation working group co-chair
08.50-09.10	DBD heart and lung retrieval, - Diana Garcia / Pradeep Kaul
09.10-10.00	DBD heart and lung retrieval
10.00-10.15	Heart transplantation - Steven Tsui
10.15-11.00	Heart transplantation
11.15-11.30	Lung transplantation – Pedro Catarino
11.30-12.15	Lung transplantation
12.15-12.30	Heart and lung transplantation - Pedro Catarino / Steven Tsui
12.30-13.15	Heart and lung transplantation
13.15-13.45	DCD heart and lung retrieval, with and without abdominal NRP - Diana Garcia / Anand/ Jothidasan / Mubassher Husain
13.45-14.00	Abdominal NRP with DCD cardiothoracic retrieval – Ian Currie / Andrew Butler
14.00-15.00	DCD cardiothoracic retrieval, with and without NRP
15.00-15.10	TANRP - Marius Berman
15.10-15.25	TANRP
15.25-15.50	Short term BIVAD implant – Pradeep Kaul
15.50-16.20	BIVAD implant
16.20-16.45	VA ECMO support perioperative strategies – Marius Berman
16.45-17.15	VA ECMO support
17.15-18.00	Q/A – ALL FACULTY
18.00	Online course closure