

UK National Organ Retrieval Service Cadaveric Retrieval Masterclass 2025



NHS Blood and Transplant UK National Organ Retrieval Service Cadaveric Retrieval Masterclass 2025

Tuesday 14th and Wednesday 15th January 2025

The Cadaveric Retrieval Masterclass held at The Cambridge Surgical Training Centre is a comprehensive training course for NORS surgeons specialising in abdominal and cardiothoracic organ retrieval. It provides step-by-step teaching in a hands-on learning environment.

Expert surgeons will guide the delegates through each step of the process and demonstrate the latest technologies in a state-of-the-art facility. This course will help the delegates to develop the practical skills required to work within NORS.

All Aspects of Abdominal and Cardiothoracic Organ Retrieval

CPD points - 12

Faculty - Experts in Organ Retrieval and Novel Perfusion Technologies

Course Directors:

Mr Ian Currie - National Clinical Lead for Organ Retrieval, NHSBT

Mr Marius Berman - Associate National Clinical Lead for Organ Retrieval, NHSBT



Medtronic



Johnson & Johnson
MedTech

ETHICON

NHS Blood & Transplant UK National Organ Retrieval Service Cadaveric Retrieval Masterclass 2025 Faculty

Mr Ian Currie; Consultant Transplant Surgeon, Edinburgh Transplant Centre. Associate Medical Director (Retrieval), NHSBT

Mr Marius Berman; Consultant Transplant Surgeon, Royal Papworth Hospital. Associate National Clinical Lead, Organ Retrieval, NHSBT

Ms Cecelia McIntyre; Retrieval and Transplant Project Lead Specialist - OTDT UK Commissioning & Service Development, NHSBT

Ms Fiona Hunt; NHSBT Research Fellow in Organ Donation and Transplantation

Mr Aimen Amer; Consultant Transplant Surgeon, NORS Lead, Freeman Hospital, Newcastle

Mr Shahid Farid; Consultant Transplant Surgeon and NORS Lead, St. James University Hospital, Leeds

Miss Hassiba Smail; Consultant Cardio-thoracic Transplant Surgeon, Royal Papworth Hospital

Mr Ahmed Sherif; Consultant Transplant Surgeon, Edinburgh Transplant Centre

Mr Carlo Ceresa Consultant HPB, Multi-Organ Retrieval and Liver Transplant Surgeon, Royal Free London NHS Foundation Trust

Mr Prashant Mohite; Consultant Cardiothoracic and Transplant Surgeon, Royal Papworth Hospital, Cambridge

Mr Simon Messer; Consultant Transplant Surgeon, Golden Jubilee Hospital, Glasgow

Mr Andrew Butler; Consultant Transplant Surgeon and NORS Lead, Addenbrooke's Hospital, Cambridge. MCTAG Chair, NHSBT

Mr Pradeep Kaul; Consultant Cardiothoracic and Transplant Surgeon, NORS Lead, Royal Papworth Hospital, Cambridge

Mr Rohit Gaurav; Consultant Transplant Surgeon, Cambridge University NHS Foundation Trust

Mr Rodrigo Figueiredo; Consultant Transplant Surgeon, Newcastle

Mr Khaled Ammar; Locum Transplant and Retrieval Consultant Surgeon, Newcastle

Miss Jennifer Logue; Consultant Hepatobiliary and Liver Transplant Surgeon, St James' University Hospital, Leeds

Mr Phil Curry; Consultant Transplant Surgeon, NHS Golden Jubilee Hospital, Glasgow, NORS Lead – Glasgow

Mr Prashant Mohite; Consultant Cardiothoracic and Transplant Surgeon, Royal Papworth Hospital, Cambridge

Dr Bart Zych; Transplant Surgeon (CT), Harefield Hospital. NORS Lead, Harefield.

Mr Jack Martin; Transplant Surgeon, Cambridge University Hospital NHS Foundation Trust

Mrs Lynsey Farwell; Advanced Perfusion and Organ Preservation Team Manager, Edinburgh

Ms Jennifer Baxter; Lead Retrieval Nurse / Donor Care Physiologist, Royal Papworth Hospital

Education & Professional Development support

Ms Helen McManus; National Professional Development Specialist Nurse, NHS Blood and Transplant – OTDT

Mrs Cathy Miller; Head of Education and Professional Development NHS Blood and Transplant – OTDT

Mr Gordon Turpie; Lead Nurse Education & Professional Development NHS Blood and Transplant – OTDT

Mrs Lorraine Hogg; Business Support Officer Education & Professional Development NHS Blood and Transplant – OTDT

Ms Hannah Bryant; Business Support Officer Education & Professional Development NHS Blood and Transplant – OTDT

Day 1. The Basics

| NHSBT Retrieval Masterclass – Tuesday 14th January 2025 | | |
|---|--|--------------|
| Tuesday 14th January 2025 DAY 1. Morning | | |
| Session 1. DBD with reference to DCD | Session lead, speaker, co-ordinator | Time |
| Lead Faculty assemble; pre-op checks/programs/allocation lists | All faculty | 08:00 |
| Coffee and registration / changing | Delegates | 08:30 |
| Introduction | Marius Berman and Ian Currie | 0900-0915 |
| House rules | Marius Berman and Ian Currie | 0915-0930 |
| Commentary | Marius Berman and Ian Currie | 0930 |
| Session 2. Opening Chest Demonstration on Camera | Faculty | 0930 |
| Delegates open chest: CT assist the AB to open chest | Delegates | 0945 |
| Faculty open abdomen | Faculty | 1000 |
| Delegates open abdomen | Delegates | 1015 |
| Session 3. Faculty demo for steps in CT operation to heparinisation Faculty discussion around findings in abdomen and laparotomy etc | Faculty | 1030 |
| Assessment of the heart | Faculty | 1045-1130 |
| Assessment of the lungs | Faculty | |
| CT delegates to perform above | Delegates | |
| CT; how to manage cardiac arrest | Faculty | |
| OCS chat with sponsors | Faculty / Delegates | |
| First steps in DBD (video for DCD and reference to differences) | Faculty | |
| Session 4. Faculty demo for initial steps in AB operation Cattel Brasch and aortic control | Faculty | 1130 |
| Delegates Cattel Brasch and aortic control | Delegates | 1215 |
| Lunch | | 1215 |
| Tuesday 14th January 2025 DAY 1. Afternoon | | |
| Session 5. AB Faculty demonstrate | Faculty | 1245 |
| Prepare hepatoduodenal ligament | Faculty | 12:45-15:00 |
| Delegates | Delegates | |
| Complete steps for liver kidney | Faculty | |
| Delegates | Delegates | |
| Faculty – complete for pancreas | Faculty | |
| Delegates | Delegates | |
| Coffee | | 1500 |
| Session 6. CT Faculty - cross clamp preparations and cannulation AB Faculty - cross clamp preparations and cannulation | Faculty | 1530 |
| Prostacyclin with aortic tie CT AB; aorta (portal vein, IMV) | Delegates | |
| Session 7. Sponsors Sponsors are available throughout the day in the breakout rooms | Sponsors | |
| Global Transplant Solutions | Louis Castrogiovanni | |
| Covidien | Wil Hughes | |
| Warm down | | 1630 |

Day 2. The Detail

| NHSBT Retrieval Masterclass – Wednesday 15th January 2025 | | |
|---|--|--------------|
| Wednesday 15th January 2025 DAY 2. Morning | | |
| Session 7. DBD with reference to DCD | Session lead, speaker, co-ordinator | Time |
| Arrival, coffee and registration /changing | | 0830 |
| Introduction | Marius Berman and Ian Currie | 0900 |
| Session 8. CT faculty demonstrate cold phase heart | Faculty | 0915 |
| CT Delegates do heart | Delegates | |
| AB lymph nodes and spleen | Faculty / Delegates | |
| Session 9. AB faculty demo liver | Faculty | 1000 |
| AB delegates do liver | Delegates | |
| Session 10. CT faculty demonstrate cold phase lungs | Faculty | 1100 |
| CT Delegates do lungs | | 1130 |
| Session 11. AB faculty demo pancreas | Faculty | 1215 |
| AB delegates do pancreas | Delegates | 1245 |
| Lunch CT bagging heart and lungs - example | | 1315 |
| Wednesday 15th January 2025 DAY 2. Afternoon | | |
| Session 12. AB Faculty do kidneys | Faculty | 1345 |
| AB delegates kidneys | Delegates | 1430 |
| AB bagging organs - example | Faculty | |
| Session 13. DEMO TANRP Demonstration | Faculty | 15:00 |
| | Delegates | |
| Coffee | | 15:30 |
| Session 14. Sponsors Sponsors are available throughout the day in the breakout rooms | Sponsors | |
| Ethicon (Staples) | Emilie Shawyer | |
| End of day | | 16:00 |

The final programme is subject to Course Directors' discretion.

The NORS Standards MPD1043/12 available [here](#)

The SaBTO guidance including Microbiology [here](#)

The SaBTO guidance for cancer in donors [here](#)

The Role of Retrieval Team - <https://www.odt.nhs.uk/odt-structures-and-standards/organ-donation-retrieval-and-transplantation-teams/role-of-retrieval-team/>

The UK Protocol for Normothermic Regional Perfusion - <https://www.odt.nhs.uk/retrieval/policies-and-nors-reports/>

The UK National Protocol for retrieval of DCD Heart and Lungs - <https://www.odt.nhs.uk/retrieval/policies-and-nors-reports/>

Donor optimisation - <https://www.odt.nhs.uk/deceased-donation/best-practice-guidance/donor-optimisation/>

The BTS active Guidelines and Standards [here](#)

NHSBT Organ Donation & Transplantation clinical website [here](#)

Diagnosis of Neurological Death [Diagnosing Death using Neurological Criteria | The Faculty of Intensive Care Medicine](#)

Good Luck!

Thank you to all members of Faculty and the MC Organising Group (Mr Ian Currie, Mr Marius Berman, Mr Ahmed Sherif, Miss Cecilia McIntyre, Ms Helen McManus, Mrs Lorraine Hogg, Ms Hannah Bryant, Mr Simon Messer, Mrs Cathy Miller, Ms Fiona Hunt, Mr Chris Johnston, Mr Gordon Turpie, Ms Jennifer Baxter, Mr Shahid Farid, Ms Lynsey Farwell, Ms Olive McGowan, Mr Phil Curry and Ms Hassiba Smail) who have given their time and expertise in support of the Masterclass this year, to Tapestry AV for expert Audio-Visual management and support, to the Cambridge Surgical Training Centre, Donna Langley and Emma Shone for facilities and support.