

UK National Organ Retrieval Service Masterclass 23/24!

Monday 30th October – Wednesday 1st November 2023

Webcast from Edinburgh UK, this is a hybrid event with a virtual audience featuring leaders in UK Organ Retrieval and Transplantation, aimed at surgeons, theatre staff, intensivists and organ donation professionals involved in organ retrieval

Endorsed by the European Society for Organ Transplantation (ESOT) <https://esot.org>.

Approved for 18 CPD points by RCS(Ed)

All Aspects of Retrieval Practice for Abdominal and Cardiothoracic Retrieval
UK Leaders and Global Figures in Retrieval and Novel Technologies

Refresher rate for previous attendees; 75% off!

Course Directors; Mr Ian Currie and Mr Marius Berman

Welcome Delegates, Sponsors and Faculty to the

NHSBT Organ Retrieval Masterclass 23/24!

Course Directors; Ian Currie - National Clinical Lead for Organ Retrieval
and

Marius Berman - Associate National Clinical Lead for Organ Retrieval



Day 1. The Basics

NHSBT Retrieval Masterclass – Monday 30th October to Wednesday 1st November 2023		
Monday 30th October 2023. DAY 1. Morning		
Session 1. The Process of Organ Donation Chairs: Isabel Quiroga & Pradeep Kaul	Speaker Session co-ordinator Ian Currie	Time
Welcome	Ian Currie & Marius Berman	0900
Role of NHSBT in Organ Donation, Retrieval and Transplantation	Derek Manas	0910
NORS; Training and Competence	Ian Currie & Marius Berman	0930
Physiology of brainstem death, BSD testing and checking the BSD form. DCD donation process; neurological and circulatory criteria.	Ben Ivory	1000
Refreshment break	(15 min)	1045
Session 2. Key Roles in NORS Chairs: Aimen Amer & Fiona Hunt	Speaker Session co-ordinator Cecilia McIntyre	1100
Role of the Specialist Nurse in Organ Donation	Arlene Norton	1100
Role of the Perioperative Practitioner	Cecelia McIntyre	1130
Role of the Surgeon; <i>Abdominal and Cardiothoracic</i>	Shahid Farid & Hassiba Smail	1200
Lunch	(60 min)	1245
Monday 30th October 2023. DAY 1. Afternoon:		
Session 3. Organ Preservation, Risk Management Chairs: Ahmed Sherif & Prashant Mohite	Speaker Session co-ordinator Marius Berman	
Principles of organ preservation; <i>Abdominal and Cardiothoracic</i>	Shahid Farid & Mohamed Osman	1345
Organ Retrieval; Doing it Right	Ian Currie	1430
Governance & incident reporting: how to improve	Richard Baker	1500
Case presentations on donor selection, focussing on malignancy/ transmissible disease	Aimen Amer & Rodrigo Figueiredo Phil Curry & Vipin Mehta	1530
Close day 1	Ian Currie & Marius Berman	1630

FACULTY FOR DAY 1

Ian Currie; Consultant Transplant Surgeon Edinburgh, Associate Medical Director (Retrieval), NHSBT
Marius Berman; Consultant Transplant Surgeon, Royal Papworth Hospital. Associate National Clinical Lead, Organ Retrieval, NHSBT

Isabel Quiroga; Consultant Transplant Surgeon, Oxford University Hospitals NHS Trust, NORS Lead - Oxford
Pradeep Kaul; Consultant Transplant Surgeon, Royal Papworth Hospital, NORS Lead - Papworth

Derek Manas; OTDT Medical Director, Associate Medical Director ODT, NHSBT

Ben Ivory; Consultant Intensivist, National Education CLOD, NHSBT

Fiona Hunt; Team Manager, Advanced Perfusion and Organ Preservation Specialist, Edinburgh

Cecelia McIntyre; Senior Transplant and Retrieval Theatre Practitioner, Newcastle, Project Specialist - NHSBT

Arlene Norton; Specialist Nurse in Organ Donation, NHSBT

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

Shahid Farid; Consultant Surgeon, Leeds Teaching Hospitals NHS Trust, NORS Lead - Leeds

Hassiba Smail; Consultant Surgeon, Royal Papworth Hospital

Ahmed Sherif; Transplant Surgeon, The Royal Infirmary of Edinburgh

Prashant Mohite; Consulting Clinician & Clinical Researcher, NHS Golden Jubilee Hospital, Glasgow

Mohamed Osman; Consultant Cardiothoracic and Transplant Surgeon, Harefield Hospital

Richard Baker; Consultant Nephrologist, Leeds, Associate Medical Director (Governance), NHSBT

Rodrigo Figueiredo; Consultant Surgeon, Freeman Hospital, Newcastle

Vipin Mehta; Consultant Transplant Surgeon, Wythenshawe Hospital, Manchester, NORS Lead - Manchester

Manchester

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

Day 2. The Detail

NHSBT Retrieval Masterclass – Monday 30th October to Wednesday 1st November 2023		
Tuesday 31st October 2023. DAY 2. Morning		
Session 4. Retrieval; AB Chairs: Elijah Ablorsu and David Quinn	Speaker Session co-ordinator Chris Johnston	Time
Feedback from Day 1; Audience Input	Ian Currie & Marius Berman	0845
Liver	Andrew Butler	0900
Pancreas and Vascular Conduits	Isabel Quiroga	0945
Kidney	Gavin Pettigrew	1030
Refreshment break	(15 min)	1100
Session 5. Retrieval; CT Chairs; Elijah Ablorsu and David Quinn	Speaker Session co-ordinator Marius Berman	Time
Heart	Mubassher Husain	1115
Heart for Valves	Mubassher Husain	1145
Lungs	Pradeep Kaul	1200
QUOD and INOAR; practical aspects	Gordon Turpie & Emma Lawson	1230
Organ inspection, photography, packaging and forms.	Ian Currie & Marius Berman	1250
Lunch	(30-45 mins)	1315
Tuesday 31st October 2023. DAY 2. Afternoon		
Pre-Session Briefing for Military Surgeons (open to all)	Stuart McKechnie & Chris Johnston	1350
Session 6. Retrieval Surgery Chairs: Marius Berman & Ian Currie	Video recording coordinator Chris Johnston	1400
<p>Panel Members; Lynsey Farwell, Fiona Hunt, Chris Johnston, Cecelia McIntyre, Simon Messer, Stuart McKechnie., Ahmed Sherif, Tracy Thomson</p> <p>This session will demonstrate the process of DBD abdominal and cardiothoracic retrieval. In order to maximise learning time, bespoke video material has been shot in advance by the faculty, during a cadaveric retrieval. It will commence with preparatory steps, followed by key operative steps common to major trauma surgery and organ retrieval, then show organ retrieval surgery, the need for communication, team interactions and demonstrating the surgical steps in detail. The audience are encouraged and expected to ask questions.</p>		
Close day 2	Ian Currie / Marius Berman	1700

FACULTY FOR DAY 2

Elijah Ablorsu; Consultant Transplant Surgeon, University Hospital for Wales, Cardiff, NORS Lead - Cardiff
David Quinn; Transplant & Retrieval Surgeon, University Hospitals Birmingham
Chris Johnston; Consultant Transplant Surgeon, The Royal Infirmary of Edinburgh, NORS Lead - Edinburgh
Andrew Butler; Consultant Transplant Surgeon, Addenbrooke's Hospital, Cambridge. MCTAG Chair, NHSBT
Gavin Pettigrew; Consultant Transplant Surgeon, Addenbrooke's Hospital Cambridge. RINTAG Chair, NHSBT
Mubassher Husain; Transplant & Retrieval Surgeon, Harefield Hospital
Emma Lawson; Innovation and Research Lead, NHSBT
Gordon Turpie; Education and Professional Development Team Manager, NHSBT
Stuart McKechnie; Consultant Surgeon, Edinburgh Royal Infirmary. Surgeon Commander, Royal Navy
Lynsey Farwell; Advanced Perfusion and Organ Preservation Specialist, The Royal Infirmary of Edinburgh
Tracey Thomson; NORS Perioperative Practitioner, Golden Jubilee Hospital, Glasgow
Simon Messer; Consultant Transplant Surgeon, Golden Jubilee Hospital, Glasgow

Day 3. Present and Future

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Wednesday 1st November 2023. DAY 3. Morning		
Session 7. Novel Perfusion Technologies Chairs: Shahid Farid & Simon Messer	Speaker Session co-ordinator Ahmed Sherif	Time
Feedback from Day 2; audience input.	Ian Currie & Marius Berman	0845
Abdominal Normothermic Regional Perfusion (NRP)	Andrew Butler, Fiona Hunt & Chris Johnston	0900
Team approach to DCD heart retrieval and transplantation	Jennifer Baxter	0940
DCD lung retrieval with NRP	Anne Olland	1010
DCD Heart/lung/NRP; Key Issues; Key messages Set the scene, these are mitigations and results	Ian Currie, Marius Berman, Panel; Sarah Beale, Andrew Butler, Mubassher Husain, Chris Johnston, Simon Messer, Anne Olland	1040
Refreshment break	(20 mins)	1110
Wednesday 1st November 2023. DAY 3		
Session 8. Thoraco-Abdominal NRP Chairs: Andrew Butler and Simon Messer	Speaker Session co-ordinator Marius Berman	
Overview of technique	Simon Messer	1130
Heart	Stephen Large	1150
Lung	Pedro Catarino	1210
Abdominal Organs	Andrew Butler	1230
Is the brain perfused in TANRP?	Stephen Large	1250
TANRP in the UK	Ian Currie & Marius Berman	1315
Lunch	(30 mins)	1330-1400
Wednesday 1st November 2023. DAY 3. Afternoon		
Session 9. Novel Technologies in Use Chairs: Ian Currie and Marius Berman	Speaker Session co-ordinator Ian Currie and Marius Berman	
Introduction		1400
DONOR HOSPITAL		
Custodiol (Pharmapal) Clinical Comment	Marialena Kaila - Pharmapal Luke Williams	1405
Global Transplant Solutions	Luis Castro Giovanni	1425
Getinge; Macquet Cardiohelp in NRP Clinical Correlation	Damian McCann - Getinge Fiona Hunt	1445
TransMedics OCS; DCD hearts	Cynthia Aucella - TransMedics Ahmed Al Adhami	1505
Organ Recovery Systems	Clinical Correlation	1525
Non-Ischaemic Hypothermic Preservation; XVIVO heart Clinical User Experience	Andreas Wallinder - XVIVO Mohammed Nasser	1545
Refreshment break	(20 mins)	1605
RECIPIENT Hospital		
XVIVO; XPS for Ex-Vivo Lung Perfusion Clinical User Experience	Marx Runge - XVIVO Hassiba Smail	1625
OrganOx; liver perfusion Clinical User Experience	Dan Fower & Chris Morris - OrganOx Rohit Gaurav	1645
Close Meeting Instructions to get your Masterclass certificate	Ian Currie / Marius Berman	1705

FACULTY FOR DAY 3

Anne Olland; Professor in Thoracic Surgery and Lung Transplantation, University of Strasbourg, France

Jennifer Baxter; Donor Care Physiologist, Royal Papworth Hospital

Stephen Large; Consultant Transplant Surgeon, Royal Papworth Hospital

Petro Catarino; Consultant Transplant Surgeon- Cedars Sinai, Los Angeles, USA

Luke Williams; Surgical PhD Fellow, NHSBT

Ahmed Al Adhami; National Transplant and Retrieval, Royal Papworth Hospital

Mohamed Nasser; Consultant Paediatric Surgeon, Freeman Hospital, Newcastle

Rohit Gaurav; Consultant Transplant Surgeon, Addenbrooke's Hospital, Cambridge.

Useful Information for UK Practice.

The NORS Standards MPD1043/11 available [here](#)

The SaBTO guidance including Microbiology [here](#)

The SaBTO guidance for cancer patients has now been updated [here](#)

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

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

Diagnosis of Neurological Death [https://www.ficm.ac.uk/sites/ficm/files/documents/2021-10/Form for the Diagnosis of Death using Neurological Criteria-long version.pdf](https://www.ficm.ac.uk/sites/ficm/files/documents/2021-10/Form%20for%20the%20Diagnosis%20of%20Death%20using%20Neurological%20Criteria-long%20version.pdf)

Diagnosis of Neurological Death in infants less than two months old

<https://nhsbt.dbe.blob.core.windows.net/umbraco-assets-corp/1354/neurological-death-dnc-guide-final.pdf>

See next page for joining instructions

Joining instructions for the NHSBT NORS Masterclass October 2023

The meeting will be delivered by ZOOM; it would be prudent to ensure you have the latest version installed. See below for comprehensive details on ZOOM etc.

Ensure Teams is fully closed to allow ZOOM to function normally.

DELEGATES

You will receive login links and a passcode by email from Manisha Patel at NHSBT for each day you have access. Delegates will therefore receive a link and passcode for Monday, separate ones for Tuesday, and a further link and passcode for Wednesday. No link; no passcode; no entry.

Please login 10 minutes early to make sure you are all set for the day. Day 1 starts at 09:00 sharp.

Please ensure that you are logged into Zoom with a recognisable name – i.e.: NOT iphone23.

VIRTUAL SPEAKERS/SESSION CHAIRS

You will login with exactly the same links and passcodes as the Delegates and will be sent them by email too. You should join the session **30 minutes in advance** of your talk and indicate via the 'private chat' function to the AV backstage team (who will be named 'AV Backstage') that you are the speaker for your talk. The AV team will tell you when to switch on your camera and will cue you as required.

If presenting live, you should be ready to share your slides – have the PowerPoint application open and in slide show mode before you share your screen. Please ensure that you have sent a back-up of your slides to events@moore-insight.com and if you prefer the AV team can stream your presentation for you; if so you may wish to download the 'virtual clicker' to advance your slides <https://www.internetclicker.com/> Code:NORS23. Alternatively, you can ask for 'next slide please'.

Good Luck!

Thank you to all members of Faculty and the MC Organising Group (Jennifer Baxter, Emma Billingham, Marius Berman, Ian Currie, Shahid Farid, Lynsey Farwell, Fiona Hunt, Chris Johnston, Olive McGowan, Cecilia McIntyre, Helen McManus, Simon Messer, Cathy Miller, Manisha Patel, Ahmed Sherif and Hassiba Smail) who have given their time and expertise in support of the Masterclass this year, to Candi Bond-Gunning at Moore Insight for organisational support, to Tapestry AV for expert Audio-Visual management and support, to the Royal College of Surgeons of Edinburgh specifically Lynsey Forbes and Lauren McGregor for facilities and support.

ZOOM INSTRUCTIONS

To attend the meeting, you will need access to the Zoom application. Check you have this in advance of the day!

Check that you have downloaded the latest version of zoom at <https://zoom.us/download>

Make sure you register with your name and organisation, so that your in-meeting badge identifies you.

Have a good internet connection: If possible, use a cable connection and do not rely on WiFi. WiFi can cause issues or interruptions. You can test the speed of your connection here: <https://www.speedtest.net/>.

If you are unable to use a cable to connect to the internet, then sit as close to your router as you are able to ensure the optimum speeds. Test your video and sound here: <https://zoom.us/test> (spend a couple of minutes on this before you join the event.)

Try to ensure that other applications on your computer or laptop are closed. Use your Task manager to shut down other applications using bandwidth.

Sound: a good headset with a microphone is usually the best but if you have good experience with your built-in laptop microphone and loudspeaker you can use those if you are in a silent environment.

On the day of the event, please access the meeting a few minutes before we are scheduled to begin. We will start promptly. If you have any problems with connecting before the meeting, please email events@moore-insight.com or Professional.DevelopmentODT@nhsbt.nhs.uk