

EDINBURGH NORMOTHERMIC REGIONAL PERFUSION MASTERCLASS

November 1st-3rd 2021



Enquiries: Fiona.X.Hunt@nhslothian.scot.nhs.uk

<https://www.epay.ed.ac.uk/conferences-and-events/college-of-medicine-and-veterinary-medicine/school-of-clinical-sciences/clinical-sciences/edinburgh-normothermic-regional-perfusion-masterclass-2021>

The Edinburgh NRP Masterclass is a comprehensive course covering the theory and the practical aspects of normothermic regional perfusion. The course is aimed at surgeons, theatre practitioners and perfusionists with an interest in normothermic regional perfusion. The programme contains a mixture of lectures, interactive cases and a significant practical component covering set-up, technical procedure, blood analysis and interpretation, and simulations. The course is delivered by experts in the field, and it is anticipated that on completion of the course attendees will be in a strong position to set up an NRP service in their own centres.

Course directors:

Gabriel Oniscu - Consultant Transplant Surgeon, Director, Edinburgh Transplant Centre

Fiona Hunt – Team Manager Organ Perfusion and Preservation, Edinburgh Transplant Centre

Booking:

<https://www.epay.ed.ac.uk/conferences-and-events/college-of-medicine-and-veterinary-medicine/school-of-clinical-sciences/clinical-sciences/edinburgh-normothermic-regional-perfusion-masterclass-2021>

Faculty:

Benoy Babu - Consultant Transplant Surgeon, Edinburgh Transplant Centre

Lesley Coutts - Advanced Organ Perfusion and Preservation Specialist, Edinburgh Transplant Centre

Ian Currie - Consultant Transplant Surgeon, Edinburgh Transplant Centre; NHSBT UK Lead for Organ Retrieval

Lynsey Farwell - Advanced Organ Perfusion and Preservation Specialist, Edinburgh Transplant Centre

Fiona Hunt - Team Manager, Organ Perfusion and Preservation, Edinburgh Transplant Centre

Chris Johnston - Consultant Transplant Surgeon, Edinburgh Transplant Centre

Gabriel Oniscu - Consultant Transplant Surgeon, Director Edinburgh Transplant Centre

Avinash Sewpaul - Consultant Transplant Surgeon, Edinburgh Transplant Centre

Ahmed Sherif - Associate Specialist Transplant Surgeon, Edinburgh Transplant Centre

Benjamin Stutchfield - Consultant Transplant Surgeon, Edinburgh Transplant Centre

Andrew Sutherland - Consultant Transplant Surgeon, Edinburgh Transplant Centre

Guest Speakers:

Marius Berman - Consultant Cardiothoracic & Transplant Surgeon, Royal Papworth Hospital, Cambridge, NHSBT Associate National Clinical Lead for Organ Retrieval

Mubassher Husain - Specialist Registrar in Cardiothoracic Surgery, Royal Brompton and Harefield Hospitals, London

Eduardo Miñambres - Intensivist and Head of Transplant Coordination Unit, Marqués de Valdecilla University Hospital, Santander, Spain

Chris Watson - Professor of Transplantation, University of Cambridge, Honorary Consultant Transplant Surgeon, Addenbrookes Hospital, Cambridge

Monday 1st November, 2021
Clinical Skills Centre, Chancellor's Building, Royal Infirmary Edinburgh.

08:30-09:00	Registration and Coffee				Clinical Skills Centre Room
09:00-09:10	Welcome & Orientation		Gabriel Oniscu & Fiona Hunt		Seminar Room
09:10-09:30	Introduction to NRP: Ethical and practical considerations		Ian Currie		Seminar Room
09:30-09:50	NRP - the results and outcomes		Gabriel Oniscu		Seminar Room
09:50- 10:10	NRP - the different approaches		Eduardo Minambres		Seminar Room
10:10-10:40	NRP Process		Fiona Hunt/ Chris Johnston		Seminar Room
10:40- 11:10	Coffee				Clinical Skills Centre Room
11:10-11:30	Organ Assessment Session 1: theory		Ian Currie		Seminar Room
11:30-11:50	NRP- Integration with other Novel Technologies		Chris Watson		Seminar Room
11:50- 12:40	NRP – video demonstration and discussion		Faculty		Seminar Room
12:40- 13:30	Lunch				Clinical Skills Centre Room
13:30-15:00	NRP Skills Stations				
	Machine/ Circuit Tutors: Gabriel Oniscu Ben Stutchfield Fiona Hunt Room 2	Surgical Cannulation Tutors: Chris Johnston Ahmed Sherif Room 4	During NRP: Sampling/Pump management Tutors: Benoy Babu Lesley Coutts Lynsey Farwell Room 5	Blood Result Interpretation Tutors: Ian Currie Avi Sewpaul Room 1	
13:40- 14:15	Group A	Group B	Group C	Group D	
14:15- 15:00	Group D	Group A	Group B	Group C	
15:00-15:30	Refreshments/Comfort Break				Clinical Skills Centre Room
15:30-16:15	Group C	Group D	Group A	Group B	
16:15-17:00	Group B	Group C	Group D	Group A	
17:00-17:30	Today's round up - the story so far				? Seminar Room
19:00-19:30 19:30	Drinks Reception Dinner				Fellow Library RCS Edinburgh

Tuesday 2nd November, 2021
Clinical Skills Centre, Chancellor's Building, Royal Infirmary Edinburgh.

08:00-08:30	Coffee		Clinical Skills Centre Room
08:30- 08:40	NRP process recap	Fiona Hunt & Chris Johnston	Simulation ward
08:40 – 10:40	NRP –hands on Station 1 - Group A & B Tutors: Ian Currie & Benoy Babu	NRP – hands on Station 2 - Group C & D Tutors: Ben Stutchfield & Avi Sewapul	Simulation ward
10:40- 11:00	NRP Trouble shooting: theory	Lesley Coutts	Seminar Room
11:00-11:20	Coffee		Clinical Skills Centre Room
11:20-13:00	Troubleshooting: skills and drills in practice Station 1 - Group A & B Tutors: Gabriel Oniscu & Ahmed Sherif	Troubleshooting: Skills and drills in practice Skill Station 2 - Group C & D Tutors: Chris Johnston & Ben Stutchfield	Simulation Ward
13:10- 14:00	Lunch		
14:00-15:00	Organ Assessment Session 2 : case based discussion	Faculty	Arthur's Seat Rm
15:00-15:20	Direct Procurement of cardiothoracic organs with abdominal NRP	Mubassher Husain	Arthur's Seat Rm
15:20-15:40	Thoraco-abdominal NRP (TA-NRP)	Marius Berman	Arthur's Seat Rm
15:40-16:00	Refreshments/comfort Break		Clinical Skills Centre Room
16:00- 16:30	Implementation of an NRP Service	Gabriel Oniscu	Arthur's Seat Rm
16:30-17:00	Q & A: Interactive discussion	All Faculty	Arthur's Seat Rm
17:00 – 17:15	Simulation Information & prep.	Gabriel Oniscu & Fiona Hunt	Arthur's Seat Rm
	Free evening		

Wednesday 3rd November, 2021

Clinical Skills Centre, Chancellor's Building, Royal Infirmary Edinburgh.

08:00- 08:30	Coffee				Clinical Skills Centre Room	
08:30-09:15	Simulation Station 1 Rm 4 Group A Tutors: Ben Stutchfield & Benoy Babu & Avi Sewpaul		Simulation Station 2 Rm 5 Group C Tutors: Chris Johnston & Ahmed Sherif & Andrew Sutherland		Rm. 4 & 5	
09:15-09:45	Debrief Group A Rm1 Tutor: Ian Currie		Debrief Group C Rm. 2 Tutor: Gabriel Oniscu		Rm. 1 & 2	
08:30-09:45	Group B & D Novel Technology Workshop				Exhibition Room	
	08:30-08:45	08:45-09:00	09:00-09:15	09:15-09:30		09:30-09:45
	1	2	3	4		5
09:45-10:00	Comfort Break				Clinical Skills Centre Room	
10:00-10:45	Simulation Station 1 Group B Tutor: Ben Stutchfield & Benoy Babu & Avi Sewpaul		Simulation Station 2 Group D Tutor: Chris Johnston & Ahmed Sherif & Andrew Sutherland		Rm. 4 & 5	
10:45-11:15	Debrief Group B Tutor: Ian Currie		Debrief Group D Tutor: Gabriel Oniscu			
10:00-11:15	Group A & C Novel Technology Workshop				Exhibition Room	
	10:00-10:15	10:15-10:30	10:30-10:45	10:45-11:00		11:00-11:15
	1	2	3	4		5
11:15-12:00	Final Remarks, feedback forms and certificates				Seminar Room	