

Concept program

4th International Donor Surgery & Organ Perfusion Masterclass



Organizing Committee:

Prof.dr. A.G. Baranski (chair), LUMC, Leiden, The Netherlands
Prof.dr. Rutger Ploeg, Oxford University, UK
Dr. Volkert Huurman LUMC, Leiden, The Netherlands
Dutch Transplant Foundation, Leiden, The Netherlands

Program Monday, March 30th, 2026

Venue: TBC

10.15 – 10.45	Registration & Coffee
10:45 – 10:55	Welcome Opening Andre Baranski, Leiden, The Netherlands
10:55 - 12:40	Part I: Principles, logistics & preservation
10:55 – 11:30	Donor Management – Principles and cases
11:30 – 12:05	Organ procurement outside your own hospital
12:05 – 12:40	Principles of organ preservation
12:40 - 13:20	Lunch
13:20 - 17:00	Part II: Evaluating organ transplantability: relevant anatomy and benching
13:20 – 14:15	General principles and surgical technique in abdominal organ procurement
14:15 – 14:50	Liver
14:50 – 15:25	Pancreas
15:25 – 15:45	Coffee Break
15:45 – 16:20	Small bowel
16:20 – 17:05	Kidney
17:05 - 17:35	What do you need to become a good transplant surgeon?
17:35 - 17:45	Completion of survey day 1
17:15 – 18:00	Check-in at hotel

Program Tuesday March 31st , 2026

Venue: TBC

08.30 **Departure for a joint walk to LUMC dissection room**

Part III: Practical sessions

LUMC, Building 2, Dissection Room

09:00 - 12:30 **Introduction of the practical course by Andre Baranski**
Hands-on course using specially prepared human cadavers including organ bench surgery
with one Master per four participants per table

12:30 - 13:30 *Lunch*

13:30 – 17:55 **Part IV Organ perfusion technology: theory and practice**

13:30 – 13:50 **Development of the oxygenation concept in liver perfusion and underlying mechanisms
of HOPE**

13:55 – 14:15 **Clinical practice of HOPE and benefit of slow rewarming in liver perfusion**

14:20 – 14:40 **Continuous or rather End-NMP in clinical liver perfusion and towards the first targeted
intervention of defatting**

14:45 – 15:05 **Interactive discussion with speakers**

15.05 – 15.30 *Coffee break*

15:30 – 15:50 **Machine perfusion of the kidney: clinical evidence and new approaches to increase utilisation**

15:55 - 16:15 **Development of normothermic kidney perfusion: why, how and when**

16:20 – 16:40 **Concept and surgical technique of normothermic regional perfusion in the DCD donor**

16.45 – 17.05 **Interactive panel discussion with speakers**

17:05 – 17:20 **Wrap up and Completion of survey day 2**

Program Wednesday April 1st , 2026
Venue: TBC

Part V: Workshop and hands-on demonstrations

08:15 – 08:30	Hotel check out
08:30 - 09:00	Introduction (with coffee)
09:00 - 09:15	Walk to dissection room, Building 2, LUMC
09:15 - 11:50	Carousel with four rounds <i>Note: Pig organs are used for this workshop</i> Each round focusses on organ perfusion systems from different manufacturers (this includes liver hypo- and normothermic machine perfusion, kidney hypo- and normothermic machine perfusion) including presentation, hands-on experience and tips and tricks.
09:15 - 09:55	Carousel 1 (including preparation of organs on the bench)
09:55 - 10:25	Carousel 2
10:25 – 10:55	Carousel 3
10:55 - 11:25	Carousel 4
11:25 – 11:45	Demonstration of Normothermic Regional Perfusion (NRP)
11:45 – 12:00	Questions and Answers
12:00 – 12:15	Return to Fletcher hotel
12:15 – 13:15	Completion of survey day 3, Certificates and and farewell Lunch