

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

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| 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 | <i>Lunch</i> |
| 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 | <i>Coffee Break</i> |
| 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 | <i>Check-in at hotel</i> |

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

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| 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 |