



# HESPERIS

FOUNDATIONAL COURSE

4-5 April 2022, Rome, Italy



# introduction

**HESPERIS is a comprehensive course on organ transplantation, perfectly suited for individuals who are entering the field and who wish to further their career.**

The 2022 edition of HESPERIS will be held in a blended format, combining preparatory online activities that participants can complete on their own schedule and a dynamic and an interactive live environment, where participants meet faculty and gain first-hand knowledge from some of the most experienced professionals in our field.

Online activities include lectures, readings, self-assessment quizzes, and an online discussion forum. In-person activities include summaries and Q&A sessions on the preparatory activities, additional lectures on hot topics in transplantation, and interactive case study discussions. To enhance interaction and participation and to encourage application of the concepts learned through the lectures, learners will be invited to submit clinical cases for discussion and to present them during the in-person sessions.

By taking this course, participants will gain an extensive view of transplantation and will be able to adopt a multidisciplinary approach to implement into their own transplant centres.

## Scientific Organising Committee



Simon Knight  
Oxford, United Kingdom

## When

Monday, 4 April 2022  
Tuesday, 5 April 2022

## Where

Rome, Italy



Luca Toti  
Rome, Italy

## Target Group

Physicians, surgeons and scientists entering the field of transplantation.

The European Board of Transplant Medicine of the Division of Transplantation of the UEMS recommends Hesperis as preparatory course for the Exam on Transplant Medicine

# ONLINE programme

Participants will be invited to complete the online activities before attending the in-person portion of the course. Each unit includes four to six lectures, each complemented by a selection of readings, a self-assessment quiz, and the slides provided by the faculty.

## UNIT 1: IMMUNOLOGY

Title	Faculty
Basics on HLA (Human leukocyte antigen) typing	Sebastiaan Heidt, Leiden University Medical Center, Leiden, The Netherlands
Traditional and virtual Xmatch	Anthony Dorling, King's College, London, United Kingdom
DSA (Donor-specific antibody)	Anthony Dorling, King's College, London, United Kingdom
Tolerance: Where are we?	Anthony Dorling, King's College, London, United Kingdom

## UNIT 2: INDICATIONS

Title	Faculty
Am I a candidate for a kidney transplant?	Raj Thuraisingham, The Royal Hospital, London, United Kingdom
Are there new indications for abdominal transplantations?	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy
Indications for lung transplantation: current practice recommendations	Robin Vos, University Hospital, Leuven, Belgium
Heart in kidney transplantation: views from over the diaphragm	Luciano Potena, Policlinico Sant'Orsola Bologna, Italy
Indications and outcome in pancreas transplantation	Fabio Vistoli, University of Pisa, Pisa, Italy
Indications and complications in islet cell transplantation	Lorenzo Piemonti, San Raffaele Hospital, Milan, Italy

# ONLINE programme

## UNIT 3: ORGAN DONATION

Title	Faculty
Ethical issues in transplantation	Hannah Maple, Guy's Hospital, London, United Kingdom
Technique multiorgan retrieval	Luca Toti, Policlinico Tor Vergata, Rome, Italy
Living donation rules in liver: pediatric and adults	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy
Living donation rules in kidney: pediatric and adults	Maria Irene Bellini, Sapienza University, Rome, Italy

## UNIT 4: RECIPIENT MANAGEMENT

Title	Faculty
HBV (Hepatitis B virus), HCV (Hepatitis C virus) and HIV (human immunodeficiency virus) in transplant recipients: not only a liver problem	Quirino Lai, Policlinico Umberto I, Rome, Italy
Infection recurrence after transplantation	Jacopo Romagnoli, Policlinico Gemelli, Rome, Italy
Malignancies recurrence and <i>de novo</i>	Quirino Lai, Policlinico Umberto I, Rome, Italy
HCC (Hepatocellular carcinoma) management in liver transplantation	Quirino Lai, Policlinico Umberto I, Rome, Italy
Recurrent disease post kidney transplant	Raj Thuraisingham, The Royal Hospital, London, United Kingdom

# ONLINE programme

## UNIT 5: REGENERATIVE MEDICINE

Title	Faculty
Introduction to regenerative medicine	Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
The prospects of regenerative medicine	Ton Rabelink, Leiden University Medical Center, Leiden, The Netherlands
Generation of mini organs	Nuria Montserrat, Institute for Bioengineering of Catalonia Barcelona, Spain
Cell therapies in organ transplantations	Marlies Reinders, Erasmus MC, Rotterdam, The Netherlands
Repair of organs through machine perfusion	Sandra Lindstedt, Lund University, Lund, Sweden

# ON-SITE programme

## Day 1 (09:00-18:00) Monday, 4 April 2022

**09:00 – 09:20 WELCOME AND INTRODUCTION TO THE HESPERIS COURSE**  
Simon Knight, Churchill Hospital, Oxford, United Kingdom  
Luca Toti, Policlinico Tor Vergata, Rome, Italy

**09:20 – 09:50 ICEBREAKER: GETTING TO KNOW EACH OTHER**  
Faculty and participants

### SESSION 1 - IMMUNOLOGY (09:50-11:35)

**09:50 – 10:10 SESSION INTRO - Q&A**  
Faculty and participants

**10:10 – 10:20 CASE STUDY PRESENTATION: MANAGEMENT OF IMMUNOSUPPRESSION**  
Selected participant

**10:20 – 10:40 CASE STUDY DISCUSSION**  
Faculty and participants

**10:40 – 11:00 COFFEE BREAK ☕**

**11:00 – 11:20 THE JUNGLE OF IMMUNOSUPPRESSION: THE SURGEON'S POINT OF VIEW**  
Luca Toti, Policlinico Tor Vergata, Rome, Italy

**11:20 – 11:35 Q&A**  
Faculty and participants

### SESSION 2 - INDICATIONS (11:35-14:35)

**11:35 – 11:55 SESSION INTRO - Q&A**  
Faculty and participants

**11:55 – 12:05 CASE STUDY PRESENTATION: CHALLENGING TRANSPLANT CANDIDATES**  
Selected participant

**12:05 – 12:25 CASE STUDY DISCUSSION**  
Faculty and participants

**12:25 – 12:45 OBESITY AND TRANSPLANTATION**  
Simon Knight, Churchill Hospital, Oxford, United Kingdom  
Luca Toti, Policlinico Tor Vergata, Rome, Italy

**12:45 – 13:00 Q&A**  
Faculty and participants

# ON-SITE programme

13:00 - 14:00

LUNCH BREAK



14:00 - 14:20

**INDICATIONS FOR HEART TRANSPLANTATION: CURRENT PRACTICE RECOMMENDATIONS**

Stephan Ensminger, University Heart Center Lübeck, Lübeck, Germany

14:20 - 14:35

**Q&A**

Faculty and participants

## SESSION 3 - ORGAN DONATION (14:35-17:30)

14:35 - 14:55

**SESSION INTRO - Q&A**

Faculty and participants

14:55 - 15:05

**CASE STUDY PRESENTATION: CHALLENGING LIVING DONORS**

Selected participant

15:05 - 15:25

**CASE STUDY DISCUSSION**

Faculty and participants

15:25 - 15:45

**LIVE KIDNEY DONOR: A GOOD TUNING BETWEEN SURGEONS AND NEPHROLOGISTS**

Lucrezia Furian, University of Padova, Padova, Italy

15:45 - 16:00

**Q&A**

Faculty and participants

16:00 - 16:20

**COFFEE BREAK**



16:20 - 16:40

**THE ORGAN DONOR'S EXPERIENCE**

Jan Shorrocks, Give a kidney, Lancaster, United Kingdom

16:40 - 16:55

**Q&A**

Faculty and participants

16:55 - 17:15

**ETHICAL ISSUES IN ORGAN DONATION**

Hannah Maple, Guy's Hospital, London, United Kingdom

17:15 - 17:30

**Q&A**

Faculty and participants

17:30 - 18:00

**WRAP UP AND TAKE-HOME MESSAGES DAY 1**

Simon Knight, Churchill Hospital, Oxford, United Kingdom

Luca Toti, Policlinico Tor Vergata, Rome, Italy

# ON-SITE programme

Day 2 (09:00-16:20) Tuesday, 5 April 2022

## SESSION 4 - RECIPIENT MANAGEMENT (09:00-12:35)

09:00 - 09:20	<b>SESSION INTRO - Q&amp;A</b> Faculty and participants
09:20 - 09:30	<b>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (LIVER)</b> Selected participant
09:30 - 09:50	<b>CASE STUDY DISCUSSION</b> Faculty and participants
09:50 - 10:00	<b>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (KIDNEY)</b> Selected participant
10:00 - 10:20	<b>CASE STUDY DISCUSSION</b> Faculty and participants
10:20 - 10:40	<b>COFFEE BREAK</b> ☕
10:40 - 10:50	<b>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (PANCREAS)</b> Selected participant
10:50 - 11:10	<b>CASE STUDY DISCUSSION</b> Faculty and participants
11:10 - 11:20	<b>CASE STUDY PRESENTATION ON SURGICAL COMPLICATIONS (HEART/LUNG)</b> Selected participant
11:20 - 11:40	<b>CASE STUDY DISCUSSION</b> Faculty and participants
11:40 - 12:00	<b>THE TRANSPLANT PATIENT'S EXPERIENCE</b> Pisana Ferrari, Italian Pulmonary Hypertension Association (AIPI), Udine, Italy
12:00 - 12:15	<b>Q&amp;A</b> Faculty and participants
12:15 - 13:15	<b>LUNCH BREAK</b> 🍴



# ON-SITE programme

## SESSION 5 - REGENERATIVE MEDICINE (13:15-15:35)

13:15 – 13:35	<b>SESSION INTRO - Q&amp;A</b> Faculty and participants
13:35 – 13:55	<b>MACHINE PERFUSION IN KIDNEY TRANSPLANTATION</b> Sarah Hosgood, University of Cambridge, Cambridge, United Kingdom
13:55 – 14:10	<b>Q&amp;A</b> Faculty and participants
14:10 – 14:20	<b>CASE STUDY PRESENTATION: MACHINE PERFUSION</b> Selected participant
14:20 – 14:40	<b>CASE STUDY DISCUSSION</b> Faculty and participants
14:40 – 15:00	<b>BUILDING NEW ORGANS IN THE LAB</b> Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
15:00 – 15:15	<b>Q&amp;A</b> Faculty and participants
15:15 – 15:35	<b>COFFEE BREAK</b> ☕
15:35 – 16:05	<b>WRAP UP AND TAKE-HOME MESSAGES DAY 2</b> Simon Knight, Churchill Hospital, Oxford, United Kingdom Luca Toti, Policlinico Tor Vergata, Rome, Italy
<b>CONCLUSION</b> 16:05 – 16:20	<b>AWARD CEREMONY AND FAREWELL</b> Simon Knight, Churchill Hospital, Oxford, United Kingdom Luca Toti, Policlinico Tor Vergata, Rome, Italy

# general information

## venue

Hotel Domus Australia  
Via Cernaia 14/b Rome, Italy  
<https://www.domusaustralia.org/location/>

## accreditation

The online preparatory activities of the course are accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to award 3 European CME credits (ECMEC®s) for each unit.

The on-site programme of the course has been accredited 11 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®).

## registration

- ESOT member\* 600 EUR
- ESOT member \*  
combined courses [ACADEMIA + HESPERIS]  
500 EUR (per course)
- Non-member 800 EUR

\* in order to be eligible to register with an ESOT member fee, you must be an active ESOT member at least until the end of the course.

The registration fee includes:

- Access to scientific sessions
- Educational materials
- Certificate of attendance
- EACCME credits
- Coffee breaks and luncheons

## Invoices

Invoices will be issued only for payments made by bank transfer.

## Cancellation Policy

There will be no refunds once your registration has been confirmed. However, should the event be cancelled due to restrictions related to the SARS-CoV-2 emergency, participants will be able to either keep their booking for the next available edition of the event or to get a full refund.

Should ESOT decide to cancel in-person courses, this will be communicated to all registered participants a month before the start date of the event.



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The HESPERIS Course is kindly supported by



*From Nature for Life*

**ORGANISER CONTACT DETAILS**

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