



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

ON-SITE programme

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

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