HESPERIS
FOUNDATIONAL COURSE

04-06 April 2024, Valencia, Spain

Preliminary scientific programme
HESPERIS is a comprehensive course on organ transplantation, ideally suited for physicians, surgeons, and scientists entering the field of transplantation.

The 2024 edition of the HESPERIS Course consists of a three-day in-person programme which includes lectures on both foundational and hot topics in transplantation, break-out sessions, group discussions, and interactive case study presentations. In this dynamic and interactive live environment, participants will have the chance to gain first-hand knowledge from some of the most experienced professionals in the transplant field.

HESPERIS 2024 faculty and topics are diverse. Sessions are focused on issues in transplant immunology, organ donation and preservation, recipient evaluation and management, regenerative medicine, and value-based and person-centred care. Relative to previous editions, HESPERIS 2024 also includes new learning modules on transplant infectious disease.

To enhance interaction and participation, learners will be invited to submit clinical cases for discussion on the main topics of the course, and to present them onsite. The best one will be awarded with the “Paolo Muiesan Award for the Best Case Study Presentation”.

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.

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.

Scientific Organising Committee

Amelia Hessheimer
Madrid, Spain

Annelies de Weerd
Rotterdam, The Netherlands

When
Thursday, 4 April 2024
Saturday, 6 April 2024

Where
Valencia, Spain

Target Group
Individuals who are entering the field and wish to further their career.
Online scientific programme

Participants are strongly encouraged to review the online materials to prepare for the in-person portion of the course and to select the topics they wish to delve into depending on their individual needs and level of expertise.

Each unit includes three to five lectures, each complemented by a selection of readings, a self-assessment quiz, and the slides provided by the faculty.

While completion of the online programme and activities is not required, these materials cover important topics that may not be included in the in-person programme of the course, and therefore are strongly recommended and a key component of the educational opportunity offered by HESPERIS.

### UNIT 1: IMMUNOLOGY

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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</thead>
<tbody>
<tr>
<td>Basics on HLA (Human leukocyte antigen) typing</td>
<td>Sebastiaan Heidt, Leiden University Medical Center, Leiden, The Netherlands</td>
</tr>
<tr>
<td>Traditional and virtual Xmatch</td>
<td>Anthony Dorling, King's College, London, United Kingdom</td>
</tr>
<tr>
<td>The jungle of immunosuppression: the surgeon’s point of view</td>
<td>Roberta Angelico, Policlinico Tor Vergata, Rome, Italy</td>
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### UNIT 2: INDICATIONS

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>Am I a candidate for a kidney transplant?</td>
<td>Raj Thuraisingham, The Royal Hospital, London, United Kingdom</td>
</tr>
<tr>
<td>Are there new indications for abdominal transplantations?</td>
<td>Roberta Angelico, Policlinico Tor Vergata, Rome, Italy</td>
</tr>
<tr>
<td>Indications for lung transplantation: current practice recommendations</td>
<td>Robin Vos, University Hospital, Leuven, Belgium</td>
</tr>
<tr>
<td>Heart in kidney transplantation: views from over the diaphragm</td>
<td>Luciano Potena, Policlinico Sant’Orsola Bologna, Italy</td>
</tr>
<tr>
<td>Indications and outcome in pancreas transplantation</td>
<td>Fabio Vistoli, University of Pisa, Pisa, Italy</td>
</tr>
<tr>
<td>Indications and complications in islet cell transplantation</td>
<td>Lorenzo Piemonti, San Raffaele Hospital, Milan, Italy</td>
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# UNIT 3: ORGAN DONATION & PRESERVATION

<table>
<thead>
<tr>
<th>Title</th>
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<tbody>
<tr>
<td>Technique multiorgan retrieval</td>
<td>Luca Toti, Policlinico Tor Vergata, Rome, Italy</td>
</tr>
<tr>
<td>Living donation rules in liver: paediatric and adults</td>
<td>Roberta Angelico, Policlinico Tor Vergata, Rome, Italy</td>
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<tr>
<td>Machine perfusion</td>
<td>Robert Minnee, Erasmus MC, Rotterdam, The Netherlands</td>
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</tbody>
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# UNIT 4: RECIPIENT MANAGEMENT - Part 1

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

# UNIT 4: RECIPIENT MANAGEMENT - Part 2

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>Cellular therapy for resistant viral infections after transplantation: the new frontier?</td>
<td>Educator TBC</td>
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<tr>
<td>Individual susceptibility to infection and immunosuppression: does one size fit all?</td>
<td>Educator TBC</td>
</tr>
<tr>
<td>Prevention is better than cure: strategies for vaccination in solid-organ transplant recipients</td>
<td>Educator TBC</td>
</tr>
</tbody>
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### UNIT 5: REGENERATIVE MEDICINE

<table>
<thead>
<tr>
<th>Title</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>The prospects of regenerative medicine</td>
<td>Ton Rabelink, Leiden University Medical Center, Leiden, The Netherlands</td>
</tr>
<tr>
<td>Generation of mini organs</td>
<td>Nuria Montserrat, Institute for Bioengineering of Catalonia Barcelona, Spain</td>
</tr>
<tr>
<td>Cell therapies in organ transplantations</td>
<td>Marlies Reinders, Erasmus MC, Rotterdam, The Netherlands</td>
</tr>
<tr>
<td>Repair of organs through machine perfusion</td>
<td>Sandra Lindstedt, Lund University, Lund, Sweden</td>
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</tbody>
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Onsite scientific programme

Day 1 (09:00-18:00) Thursday, 4 April

09:00 – 09:10  WELCOME
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

09:10 – 09:50  ICEBREAKER: GETTING TO KNOW EACH OTHER
Faculty and participants

SESSION 1 - IMMUNOLOGY (09:50-13:00)

09:50 – 10:15  DSA (DONOR-SPECIFIC ANTIBODIES)
Educator TBC

10:15 – 10:40  IMMUNOSUPPRESSION IN 2024: WHAT’S IN THE PIPELINE?
Educator TBC

10:40 – 11:00  COFFEE BREAK  ☕

11:00 – 11:25  TOLERANCE: WHERE ARE WE?
Educator TBC

11:25 – 11:50  "MY MOST DIFFICULT CASE": HIGHLY SENSITISED KIDNEY
TRANSPLANT CANDIDATES
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands

11:50 – 12:20  BREAKOUT SESSIONS: CROSSING THE HLA BARRIER IN SOLID
ORGAN TRANSPLANTATION
Educator TBC

12:20 – 12:40  GROUP DISCUSSION & WRAP-UP SESSION 1
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

12:40 – 13:00  CASE PRESENTATION ON “IMMUNOLOGY” AND DISCUSSION
Participant

13:00 – 14:00  LUNCH BREAK  💭
SESSION 2 - INDICATIONS (14:00-18:00)

14:00 - 14:25 EVALUATING & OPTIMISING RECIPIENT SARCOPENIA, FRAILTY, AND OBESITY
Educator TBC

14:25 - 14:50 RECIPIENT OPTIMISATION/PRE-HABILITATION IN END-STAGE ORGAN DISEASE
Educator TBC

14:50 - 15:15 LVAD: BRIDGE TO TRANSPLANT OR DESTINATION THERAPY?
Educator TBC

15:15 - 15:40 CURRENT STATUS OF BETA CELL REPLACEMENT THERAPY
Educator TBC

15:40 - 16:00 COFFEE BREAK 🍵

16:00 - 16:25 PREEMPTIVE KIDNEY TRANSPLANTATION
Educator TBC

16:25 - 16:50 “MY MOST DIFFICULT CASE”: PRIOR CANCER IN SOLID ORGAN TRANSPLANT CANDIDATES
Educator TBC

16:50 - 17:20 BREAKOUT SESSIONS: WHO IS “TOO SICK” TO TRANSPLANT?
Educator TBC

17:20 - 17:40 GROUP DISCUSSION & WRAP-UP SESSION 2
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

17:40 - 18:00 CASE PRESENTATION ON “INDICATIONS” AND DISCUSSION
Participant
Onsite scientific programme

Day 2 (09:00-18:00) Friday, 5 April

SESSION 3 - ORGAN DONATION & PRESERVATION (09:00-13:00)

09:00 - 09:25  DONOR EVALUATION: BIOLOGICAL RISK, INFECTIONS & NEOPLASMS
              Educator TBC

09:25 - 09:50  ETHICS OF LIVE ORGAN DONATION
              Educator TBC

09:50 - 10:15  XENOTRANSPLANTATION: CLOSING IN ON CLINICAL REALITY
              Educator TBC

10:15 - 10:40  ORGAN PRESERVATION & PERFUSION SOLUTIONS IN 2024
              Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

10:40 - 11:00  COFFEE BREAK  🥐

11:00 - 11:25  STRATEGIES FOR DCD HEART & LUNG RECOVERY
              Educator TBC

11:25 - 11:50  "MY MOST DIFFICULT CASE": CO-MORBIDITIES IN LIVING DONORS
              Educator TBC

11:50 - 12:20  BREAKOUT SESSIONS: ETHICAL ISSUES IN DECEASED ORGAN DONATION
              Educator TBC

12:20 - 12:40  GROUP DISCUSSION & WRAP-UP SESSION 3
              Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
              Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

12:40 - 13:00  CASE PRESENTATION ON “ORGAN DONATION & PRESERVATION” AND DISCUSSION
              Participant

13:00 - 14:00  LUNCH BREAK  🍽️
SESSION 4 - RECIPIENT MANAGEMENT (part 1) (14:00-18:00)

14:00 – 14:25  SURGICAL CHALLENGES IN PAEDIATRIC TRANSPLANTATION
               Educator TBC

14:25 – 14:50  LONG-TERM COMPLICATIONS FOLLOWING SOLID ORGAN TRANSPLANT: CARDIOVASCULAR DISEASE AND CANCER
               Educator TBC

14:50 – 15:15  ROLE OF NON-INVASIVE BIOMARKERS IN RECIPIENT MANAGEMENT
               Educator TBC

15:15 – 15:40  ANESTHESIA CARE & ENHANCED RECOVERY IN TRANSPLANT RECIPIENTS
               Educator TBC

15:40 – 16:00  COFFEE BREAK  ☕️

16:00 – 16:25  HOME MONITORING FOR TRANSPLANT RECIPIENTS
               Educator TBC

16:25 – 16:50  PREGNANCY AFTER SOLID ORGAN TRANSPLANTATION
               Educator TBC

16:50 – 17:20  BREAKOUT SESSIONS: CHRONIC ALLOGRAFT FAILURE & RE-TRANSPLANTATION
               Educator TBC

17:20 – 17:40  GROUP DISCUSSION & WRAP-UP SESSION 4
               Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
               Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

17:40 – 18:00  CASE PRESENTATION ON “RECIPIENT MANAGEMENT” AND DISCUSSION
               Participant
Onsite scientific programme

Day 3 (09:00-16:30) Saturday, 6 April

SESSION 4 - RECIPIENT MANAGEMENT (part 2) (09:00-10:30)

09:00 - 09:25 CMV INFECTION AND UPCOMING TREATMENT OPTIONS
    Educator TBC

09:25 - 09:50 ”MY MOST DIFFICULT CASE“: CHALLENGES IN INFECTION COMPLICATIONS
    Educator TBC

09:50 - 10:15 WEIRD, WONDERFUL, AND DIFFICULT TO TREAT (NEW INFECTIONS & MULTIDRUG-RESISTANT INFECTIONS)
    Educator TBC

10:15 - 10:30 Q&A & WRAP-UP
    Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
    Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

10:30 - 10:50 COFFEE BREAK 🥤

SESSION 5 - REGENERATIVE MEDICINE (10:50-13:00)

10:50 - 11:15 CELL THERAPY: OPPORTUNITIES AND LIMITATIONS
    Educator TBC

11:15 - 11:40 EX SITU ORGAN REPAIR
    Educator TBC

11:40 - 12:05 BUILDING ORGANS
    Educator TBC

12:05 - 12:30 MY PREFERRED FUTURE ORGAN
    Educator TBC

12:30 - 12:40 WRAP-UP SESSION 5
    Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
    Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

12:40 - 13:00 CASE PRESENTATION ON “REGENERATIVE MEDICINE” AND DISCUSSION
    Participant

13:00 - 14:00 LUNCH BREAK 🍽️
SESSION 6 - VALUE-BASED CARE IN TRANSPLANTATION (14:00-16:25)

14:00 – 14:30  THE PERSON WITH AN ORGAN-NOT THE ORGAN IN THE PERSON. WHAT MATTERS TO THE ORGAN RECIPIENT AND HOW IT CAN BE EVALUATED  
Educator TBC

14:30 – 15:00  INTERACTIVE GROUP DISCUSSIONS ABOUT PERSON-CENTRED TRANSPLANT CARE  
Educator TBC

15:00 – 15:15  FOLLOW UP ON GROUP DISCUSSIONS  
Educator TBC

15:15 – 15:30  BREAK  ☕

15:30 – 15:45  MY EXPERIENCE AS AN ORGAN DONOR  
Educator TBC

15:45 – 16:00  MY EXPERIENCE AS AN ORGAN RECIPIENT  
Educator TBC

16:00 – 16:20  MY EXPERIENCE WITH MY PATIENT’S DEATH  
Educator TBC

16:20 – 16:25  WRAP-UP SESSION 6  
Educator TBC

CONCLUSION  
16:25 – 16:30  AWARD CEREMONY AND FAREWELL  
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands  
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
general information

venue
Hotel “Eurostars Rey Don Jaime”
Address: Av. de les Balears, 2,
46023 Valencia, Spain.

accreditation
An application for EACCME accreditation will be submitted for this course.

The online preparatory activities are accredited by EACCME® for 3 European CME credits (ECMEC®s) for each unit, except for the Unit 4: “Recipient management – Part 2”.

registration
- ESOT member* 600 EUR
- Non-member 800 EUR
- Low and lower-middle income countries** 100 EUR

* In order to be eligible to register with an ESOT member fee, please note that you must be an active ESOT member at least until the end of the course.
** To encourage and facilitate participation of early-career transplant professionals residing and working in low and lower-middle income countries (as per the World Bank classification), a reduced fee has been introduced. It will be possible to register with this fee on a first come, first served basis.

The registration fee includes:
- Access to scientific sessions
- Educational materials
- Certificate of attendance
- CME credits (pending approval of EACCME application)
- Coffee breaks and luncheons
- Networking dinner (no entertainment)

The course attendance is limited to a maximum of 45 participants.

Invoices
Invoices will be issued for payments made both by credit card and bank transfer.

Cancellation Policy
There will be no refunds once your registration has been confirmed. Refunds will be issued only if the Organiser elects to cancel the event due to force majeure. 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.

***We recommend that participants purchase insurance to cover any losses resulting from the inability to attend the course for any reasons that may occur.***
ORGANISER CONTACT DETAILS

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Project Coordinator
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