



HESPERIS

FOUNDATIONAL COURSE

20-22 April 2023, Budapest, Hungary



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 2023 edition of the HESPERIS Course consists of a 3-day in-person programme which includes lectures on hot topics in transplantation, guided group discussions and interactive case study presentations. In this dynamic and interactive live environment, participants will have the chance to meet faculty and gain first-hand knowledge from some of the most experienced professionals in the field.

In addition to the five key areas of transplantation the course usually covers (immunology, indications, organ donation & preservation, recipient management, and regenerative medicine), a new area has been included in the programme: in this year edition participants will have the opportunity to delve into the topic “value-based care in transplantation”, getting insight on the “value” in transplantation, the end of life management, and hearing about the stories by patients’ representatives.

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.

Scientific Organising Committee



Amelia Hessheimer
Madrid, Spain



Annelies de Weerd
Rotterdam, The Netherlands

When

Thursday, 20 April 2023

Saturday, 22 April 2023

Where

Budapest, Hungary

Target Group

Individuals who are entering the field and wish to further their career.

ONLINE programme

Participants will be able to benefit from additional online material that will allow them to delve into some of the course content further and to consider which topics to study based on their needs and 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.

Please note that the online programme is not a mandatory requirement to attend the course.

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
The jungle of immunosuppression: the surgeon's point of view	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy

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 complications in islet cell transplantation	Lorenzo Piemonti, San Raffaele Hospital, Milan, Italy

ONLINE programme

UNIT 3: ORGAN DONATION & PRESERVATION

Title	Faculty
Technique multiorgan retrieval	Luca Toti, Policlinico Tor Vergata, Rome, Italy
Living donation rules in liver: paediatric and adults	Roberta Angelico, Policlinico Tor Vergata, Rome, Italy
Machine perfusion	Robert Minnee, Erasmus MC, Rotterdam, The Netherlands

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

UNIT 5: REGENERATIVE MEDICINE

Title	Faculty
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) Thursday, 20 April

09:00 - 09:20 WELCOME

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain

09:20 - 09:50 ICEBREAKER: GETTING TO KNOW EACH OTHER

Faculty and participants

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

09:50 - 10:00 SESSION INTRODUCTION

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands

10:00 - 10:25 DSA (DONOR-SPECIFIC ANTIBODIES)

Anthony Dorling, King's College, London, United Kingdom

10:25 - 10:50 IMMUNOSUPPRESSION IN 2022: WHAT'S IN THE PIPELINE?

Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands

10:50 - 11:10 GUIDED GROUP DISCUSSION: CROSSING THE HLA BARRIER IN SOLID ORGAN TRANSPLANTATION

Anthony Dorling, King's College, London, United Kingdom
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands

11:10 - 11:30 COFFEE BREAK

11:30 - 11:55 TOLERANCE: WHERE ARE WE?

Anthony Dorling, King's College, London, United Kingdom

11:55 - 12:20 "MY MOST DIFFICULT CASE" - HIGHLY SENSITISED KIDNEY TRANSPLANT CANDIDATES

Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands

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

ON-SITE programme

SESSION 2 - INDICATIONS (14:00-18:00)

- 14:00 - 14:10** **SESSION INTRODUCTION**
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 14:10 - 14:35** **EVALUATING & OPTIMISING RECIPIENT SARCOPENIA, FRAILITY, AND OBESITY**
László Piros, Semmelweis University, Budapest, Hungary
- 14:35 - 15:00** **RECIPIENT OPTIMISATION/PRE-HABILITATION IN END-STAGE ORGAN DISEASE**
Nick Schofield, Royal Free Hospital, London, United Kingdom
- 15:00 - 15:25** **LVAD: BRIDGE TO TRANSPLANT OR DESTINATION THERAPY?**
Stephen Clark, Freeman Hospital, Newcastle, United Kingdom
- 15:25 - 15:45** **GUIDED GROUP DISCUSSION: WHO IS "TOO SICK" TO TRANSPLANT?**
Stephen Clark, Freeman Hospital, Newcastle, United Kingdom
Nick Schofield, Royal Free Hospital, London, United Kingdom
- 15:45 - 16:05** **COFFEE BREAK** ☕
- 16:05 - 16:30** **MODERN INSULIN THERAPY, ISLETS, AND THE FUTURE OF PANCREAS TRANSPLANTATION**
Educator TBC
- 16:30 - 16:55** **POST-FONTAN PATIENTS IN ADULTHOOD: INDICATIONS FOR HEART AND COMBINED HEART-LIVER TRANSPLANTATION**
László Ablonczy, Gottsegen National Cardiovascular Center, Budapest, Hungary
- 16:55 - 17:20** **"MY MOST DIFFICULT CASE" - COMPLEX PORTAL VEIN THROMBOSIS (DISCUSSES LIVER TRANSPLANT AND MVT)**
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 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

ON-SITE programme

Day 2 (09:00-18:00) Friday, 21 April

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

- 09:00 - 09:10** **SESSION INTRODUCTION**
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 09:10 - 09:35** **DONOR EVALUATION: BIOLOGICAL RISK, INFECTIONS & NEOPLASMS**
Sandor Mihaly, Hungarian National Blood Transfusion Service, Budapest, Hungary
- 09:35 - 10:00** **ETHICAL ISSUES IN LIVING & DECEASED ORGAN DONATION**
Hannah Maple, Guy's Hospital, London, United Kingdom
- 10:00 - 10:25** **XENOTRANSPLANTATION: CLOSING IN ON CLINICAL REALITY**
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom
- 10:25 - 10:45** **GUIDED GROUP DISCUSSION: ETHICAL ISSUES IN XENOTRANSPLANTATION**
Hannah Maple, Guy's Hospital, London, United Kingdom
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom
- 10:45 - 11:05** **COFFEE BREAK** ☕
- 11:05 - 11:30** **ORGAN PRESERVATION & PERFUSION SOLUTIONS IN 2023**
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 11:30 - 11:55** **STRATEGIES FOR DCD HEART & LUNG RECOVERY**
David Gómez de Antonio, Hospital Universitario Puerta de Hierro Majadahonda, Madrid, Spain
- 11:55 - 12:20** **"MY MOST DIFFICULT CASE" - CO-MORBIDITIES IN LIVING DONORS**
Laszlo Wagner, Semmelweis University, Budapest, Hungary
- 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** 🍴

ON-SITE programme

SESSION 4 - RECIPIENT MANAGEMENT (14:00-18:00)

- 14:00 - 14:10** **SESSION INTRODUCTION**
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
- 14:10 - 14:35** **SURGICAL CHALLENGES IN PAEDIATRIC TRANSPLANTATION**
Hermien Hartog, Queen Elizabeth Hospital Birmingham, Birmingham, United Kingdom
- 14:35 - 15:00** **LONG-TERM COMPLICATIONS FOLLOWING SOLID ORGAN TRANSPLANT: CARDIOVASCULAR DISEASE AND CANCER**
Tamás Benkő, Semmelweis University, Budapest, Hungary
- 15:00 - 15:25** **ROLE OF NON-INVASIVE BIOMARKERS IN RECIPIENT MANAGEMENT**
Educator TBC
- 15:25 - 15:45** **GUIDED GROUP DISCUSSION: CHRONIC ALLOGRAFT FAILURE & RE-TRANSPLANTATION**
Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands
Tamás Benkő, Semmelweis University, Budapest, Hungary
- 15:45 - 16:05** **COFFEE BREAK** ☕
- 16:05 - 16:30** **ANESTHESIA CARE & ENHANCED RECOVERY IN TRANSPLANT RECIPIENTS**
Nick Schofield, Royal Free, London, United Kingdom
- 16:30 - 16:55** **HOME MONITORING FOR TRANSPLANT RECIPIENTS**
Martijn van den Hoogen, Erasmus MC, Rotterdam, The Netherlands
- 16:55 - 17:20** **"MY MOST DIFFICULT CASE" - PAEDIATRIC PATIENT TRANSITIONING TO ADULTHOOD**
Hermien Hartog, Queen Elizabeth Hospital Birmingham, Birmingham, United Kingdom
- 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

ON-SITE programme

Day 3 (09:00-16:30) Saturday, 22 April

SESSION 5 - REGENERATIVE MEDICINE (09:00-12:25)

- 09:00 - 09:10** **SESSION INTRODUCTION**
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
- 09:10 - 09:35** **IS EX SITU ORGAN REPAIR A REALITY IN 2023?**
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
- 09:35 - 10:05** **BUILDING ORGANS**
Educator TBC
- 10:05 - 10:30** **EX SITU LUNG PERFUSION**
David Gómez de Antonio, Hospital Universitario Puerta de Hierro Majadahonda, Madrid, Spain
- 10:30 - 10:50** **COFFEE BREAK** ☕
- 10:50 - 11:15** **CELL THERAPY: OPPORTUNITIES AND LIMITATIONS**
Martin Hoogduijn, Erasmus MC, Rotterdam, The Netherlands
- 11:15 - 11:45** **"MY MOST DIFFICULT CASE" - EXTENDED (<24 HOURS) EX SITU ORGAN PERFUSION**
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 11:45 - 12:05** **GROUP DISCUSSION & WRAP-UP SESSION 5**
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 12:05 - 12:25** **CASE PRESENTATION ON "REGENERATIVE MEDICINE" AND DISCUSSION**
Participant
- 12:25 - 13:25** **LUNCH BREAK** 🍴

ON-SITE programme

SESSION 6 - VALUE-BASED CARE IN TRANSPLANTATION (13:25-16:30)

- 13:25 - 13:55** **THE PERSON WITH AN ORGAN-NOT THE ORGAN IN THE PERSON. WHAT VALUES TO THE ORGAN RECIPIENT AND HOW IT CAN BE EVALUATED**
Anna Forsberg, Lund University/Skåne University Hospital, Lund, Sweden
- 13:55 - 14:20** **MY EXPERIENCE AS AN ORGAN DONOR**
Patient representative TBC
Sandor Mihaly, Hungarian National Blood Transfusion Service, Budapest, Hungary
- 14:20 - 14:45** **MY EXPERIENCE AS AN ORGAN RECIPIENT**
Patient representative TBC
Sandor Mihaly, Hungarian National Blood Transfusion Service, Budapest, Hungary
- 14:45 - 15:15** **THE PATIENT'S DEATH: END OF LIFE MANAGEMENT, GRIEF AND PSYCHOLOGICAL LOSS PROCESSING**
Ciro de Vincenzo, University of Padova, Padova, Italy
- 15:15 - 15:45** **INCORPORATING VALUE IN THE IMPLEMENTATION OF NOVEL THERAPIES AND TECHNOLOGIES**
Frank Dor, Imperial College Healthcare NHS Trust, London, United Kingdom
- 15:45 - 16:05** **GROUP DISCUSSION & WRAP-UP SESSION 6**
Annelies de Weerd, Erasmus MC, Rotterdam, The Netherlands
Amelia Hessheimer, Hospital Universitario La Paz, Madrid, Spain
- 16:05 - 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

Novotel Budapest Centrum
Address: Budapest, Ntaks Sz
22041413, Rákóczi út 43-45, 1088,
Hungary

accreditation

An application for EACCME accreditation will be submitted for the in-person programme of this course. The online activities are accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) to award 3 European CME credits (ECMEC®s) for each of the five units.

registration

- ESOT member* 600 EUR
- 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, if the application is approved
- Coffee breaks and luncheons
- Networking dinner

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

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.

****Given the uncertainty caused by the Covid-19 pandemic, we recommend that participants purchase insurance to cover any losses resulting from the inability to attend the course due to Covid-19 infection.****



ESOT HESPERIS

FOUNDATIONAL
COURSE

20-22 April 2023, Budapest, Hungary



ORGANISER CONTACT DETAILS

Valentina Ricci

Head of Governance and Education

valentina.ricci@esot.org

Laura Contessi

Education Manager

laura.contessi@esot.org

Denise De Salvo

Project Coordinator

denise.desalvo@esot.org

