12th UEMS Transplant Surgery Prep Course: Full Program

Friday November 27th

DAY 1

9.00-9.15 Welcome and Introductions:
Frank welcomes to course
Jacopo welcomes as president

MODULE 1 (moderator: Allan): we mention the two pre-recorded lectures (around 15 minutes): Principles of organ allocation in Europe; Types of organ donors and EU legislation

9.15 – 11.45 Case scenarios (15 minutes per topic)

a. donor selection: suitability, contraindications (2 cases) – Vassilis and Laszlo Szabo (1 case)
b. multi-organ retrieval DBD – challenging situations (3 cases) – Luca Toti and Francesca Marcon 1 case per module to coordinate with the Vanguard for one or two more cases, Annemarie Weissenbacher
c. DCD retrieval specifics (2 cases) – Paolo, Joana Ferrer and Laszlo Szabo (including a case where procurement is not possible), with NRP

10.30– 10.40 coffee break

11.45 -12.15 Q&A on pre-recorded lectures and recommended Tx live content for Module 1

12.30 onwards MOCK exams 5x (15 minutes per participant, module of choice): create a zoom meeting per candidate with 2-3 examiners on top of that also invited (1 Vanguard + 1-2 examiners)
Saturday November 28th

DAY 2

MODULE 2 (moderator: Jacopo)

9.00 – 10.40 Case scenarios (15 minutes per case) – ready for 2 cases

a. Pre-operative assessment recipients: 1 case – Jacopo and Roberta Angelico
b. Pre-operative assessment live donors: 1 case – Frank and Giuseppe Giuffrida
c. Deceased donor kidney offers: risk indices etc.: 1 case – Nicos and Laszlo Szabo
d. Postoperative management: 2 cases – Jacopo and Giuseppe Giuffrida
e. Surgical complications: 1 case – Jacopo
f. Live donor nephrectomy – Diederik

10.40 – 10.45 coffee break

10.45 – 11.15 Case scenarios (15 minutes per case)

  g. Medical complications: 1 case – Jacopo
  h. Graft nephrectomy: 1 case – Vassilis and Annemarie Weissenbacher

11.15-11.45 Q&A on pre-recorded lectures and recommended Tx live content for Module 2

11.45 – 12.30

MODULE 4 (moderator: Jan)

  a. Assessing potential recipients – Wojtek (Piotr Domagala – 1 case each but two ready)
  b. Liver offers – Wojtek and Roberta Angelico (coordinate – 1 case each but two ready)
     Assessment of donor liver on the bench – Wojtek and Joana Ferrer (coordinate – 1 case each but two ready)
  c. Implantation techniques and challenges/problems: venous outflow, porta (incl) portocaval – 2 cases Paolo to coordinate – Francesca Marcon and Amanda Boteon

12.30 - 12.40 break

12.40 – 13.30

  d. postop care and surgical complications – Allan and Roberta Angelico (coordinate)
  e. retransplantation – Paolo (2 cases ready) – Francesca Marcon and Amanda Boteon
  f. liver transplantation for HCC – Jan and Sorina Cornateanu (2 cases ready)

13.30-14:00 Q&A on pre-recorded lectures and recommended Tx live content for Module 4

14.15 onwards MOCK exams 5x (15 minutes per participant, module of choice)
List of short lectures to be pre-recorded (all mandatory preparatory material for the course)

Lectures to be recorded and added to Tx live:

Module 1:
- Principles of organ allocation in Europe (Jan Lerut)
- Types of organ donors and EU legislation (Nicos Kessaris)
- The Challenge in Transplantation: Organ Quality (Rutger Ploeg)

Module 2:
- Kidney Transplantation: implantation techniques (Diederik Kimenai)

Module 4:
- Liver splitting techniques (in situ/ex situ) (Paolo Muiesan)
- Live donor hepatectomy (Markus Boehnert)

List of mandatory lectures/modules for participants to go through on Tx Live before the course

Module 1
1. Organ preservation techniques
2. Ethics in Transplantation

Module 2
1. HLA matching, cross match techniques
2. Immunosuppression and induction agents
3. Rejection

Module 3
1. Whole module on pancreas and islet transplantation

Module 4
1. Liver transplant - recipient operation (different types)
2. Liver transplant - split liver transplantation