

Week	Topic	
1. 07.September	The history of organ transplantation, basic concepts of organ transplantation. Organ donation, organ removal, organ preservation, machine perfusion. DBD and DCD donors. Transplantation waiting lists, allocation of transplantable organs. Immunological aspects. Xenotransplantation.	Dr. Toronyi Éva
2 14.September.	Identification of potential donors – quality assessment of donor programs. Legal regulations of organ removal in Hungary and Europe. The role of international organ transplantation organizations. Eurotransplant. Organ donation activity in Hungary and in Europe.	Dr. Mihály Sándor
3 21.September	Role and tasks of organ donation coordinators: identifying potential organ donors, managing the donation from brain death through organ removal, organizing the transport. National Organ donor Register. Eurotransplant Donor data	Dr. Mihály Sándor
4 28.September	Definition and determination of brain death. ICU care of DBD donors. Preoperative and postoperative considerations in transplanted patients	Dr. Anikó Smudla
5 05.October.	Kidney transplantation: Indication, surgical procedure, results. Living-donor kidney transplantation. Long-term outcomes of kidney transplantation. Immunosuppression. Complications.	Dr. Telkes Gábor
6 12.October	Pediatric kidney transplantation DBD organ donation: technical aspects. Storage and transport of organs. DCD, NRP.	Prof.Dr.Reusz György Dr. Hamar Mátyás
7 19.October	Cross-over donation and ABO incompatible kidney transplantation. Follow-up after kidney transplantation: acute and chronic rejection, recurrence of the underlying disease, post-transplant diabetes, hyperlipidemia, arterial hypertension, osteoporosis.	Dr.Wagner László
8 26.October	Heart transplantation: Indication, recipient selection, surgical techniques. Immunosuppression	Prof. Dr. Hartyánszky István

9 02.November	Liver transplantation: Indications, surgical techniques, results. Machine perfusion. Oncological aspects of liver transplantation.	Dr. Huszty Gergely
10 09.November	Challenges of liver transplantation. Living-donor liver transplantation, split liver transplantation, pediatric liver transplantation.	Prof. Dr. Jörg Pollok
11 16.November	Lung transplantation: Indication, recipient selection, surgical techniques. Immunosuppression.	Prof. Dr. Rényi-Vámos Ferenc
12 23.November	Radiological aspects of transplantation. Diagnosis and therapy, Invasive radiological interventions	Dr. Somogyi Dóra
13 30.November	Pancreatic and islet cell transplantation. Small intestine and multi-organ organ transplantation.	Dr. Piros László
14 07.December.	Questions and answers related to organ donation, future possibilities to compensate for the lack of organs. How long do organs maintain viability in the state of brain death? Organizational questions and difficulties of organ transplantation - from organ removal to implantation. Exam. (Single-choice test)	Dr. Toronyi Éva