

Organ Transplantation: basic principles and special aspects

optional-elective course

2025/2026

Department of Surgery, Transplantation and Gastroenterology
1082 Budapest, Üllői út 78. – Dollinger Lecture Room (ground floor)

Date	Lecture	Lecturer
2025.09.08 5pm Dollinger Lecture Room	1. 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
2025.09.15 5pm Dollinger Lecture Room	2. 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
2025.09.22 5pm Dollinger Lecture Room	3. Kidney transplantation: Indication, surgical procedure. Long-term outcomes of kidney transplantation. Immunosuppression. Complications.	Dr. Mihály Sándor
2025.09.29 5pm Dollinger Lecture Room	4. Role and tasks of organ donation coordinators: identifying potential organ donors, managing the donation from brain death through organ removal, organizing the transport. National Organdonor Register. Eurotransplant Donordata.	Dr. Mihály Sándor
2025.10.06 5pm Dollinger Lecture Room	5. DBD organ donation: technical aspects. Storage and transport of organs. DCD, NRP	Dr. Hamar Mátyás
2025.10.13 5pm Dollinger Lecture Room	6. Kidney transplantation: Indication, surgical procedure, results. Living-donor kidney transplantation. Long-term outcomes of kidney transplantation. Immunosuppression. Complications.	Dr. Telkes Gábor

2025.10.20 5pm Dollinger Lecture Room	7. Pediatric kidney transplantation. 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 Prof. Dr. Reusz György
2025.10.27 5pm Dollinger Lecture Room	8. Liver transplantation: Indications, surgical techniques, results. Machine perfusion. Oncological aspects of liver transplantation.	Dr. Huszty Gergely
2025.11.03 5pm Dollinger Lecture Room	9. Challenges of liver transplantation. Living-donor liver transplantation, split liver transplantation, pediatric liver transplantation.	Prof. Dr. Jörg Pollok
2025.11.10 5pm Dollinger Lecture Room	10. Heart transplantation: Indication, recipient selection, surgical techniques. Immunosuppression.	Prof. Dr. Hartyánszky István
2025.11.17 5pm Dollinger Lecture Room	11. Lung transplantation: Indication, recipient selection, surgical techniques. Immunosuppression	Prof. Dr. Rényi-Vámos Ferenc
2025.11.24 5pm Dollinger Lecture Room	12. Radiological aspects of transplantation. Diagnosis and therapy. Invasive radiological interventions.	Dr. Somogyi Dóra
2025.12.01 5pm Dollinger Lecture Room	13. Pancreatic and islet cell transplantation. Small intestine and multi-organ organ transplantation.	Dr. Piros László
2025.12.08 5pm Dollinger Lecture Room	14. 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