

8th ITN Kidney Transplantation Masterclass

ADVANCED SURGICAL TECHNIQUES

3-5 September 2026 | Istanbul • Türkiye



In Collaboration with



The European
Kidney Transplant
Association



Introduction

Now established as a branded ITN educational platform, the 8th ITN Kidney Transplantation Masterclass - Advanced Surgical Techniques is designed as a high-level, practice-oriented surgical course dedicated to living donor nephrectomy, kidney transplantation techniques and contemporary surgical decision-making. The programme runs in parallel with the nephrology track and combines focused expert lectures, case-based discussion, operation videos, live online operating room connections and plenary sessions with the EKITA & ITN nephrology course. The objective is to create a concentrated learning environment where delegates can refine operative judgment, review advanced techniques and discuss real-world challenges with experienced international faculty.

Objectives

- To strengthen advanced surgical knowledge in living donor nephrectomy and kidney transplantation.
- To review current operative strategies, technical variations and decision points in donor and recipient surgery.
- To discuss management of complex anatomy, perioperative risk, complications and salvage approaches.
- To provide practical exposure to live and video-based demonstrations from active transplant operating rooms.
- To connect surgical practice with key adjacent domains including immunology, artificial intelligence, donor-pool expansion and ethical safeguards.

Learning Outcomes

- Assess donors and recipients from a more advanced technical and risk-oriented surgical perspective.
- Compare laparoscopic, hand-assisted, retroperitoneoscopic and robotic approaches for donor nephrectomy.
- Apply operative principles for complex recipient vessels, ureteric reconstruction and back-table preparation.
- Recognise intraoperative and early postoperative complications and discuss timely corrective strategies.
- Understand how donor-pool expansion, machine perfusion and paired donation influence surgical planning.



Main Topics

• Informed consent in living donation	• Combined organ transplantation
• Evolution of donor nephrectomy	• AI in transplantation
• Endoscopic, hand-assisted and robotic approaches	• Pediatric kidney transplantation
• Retroperitoneoscopic donor nephrectomy	• Robotic assistance in kidney transplantation
• Right-sided donor nephrectomy and short renal vein management	• Deceased donor kidney transplantation and machine perfusion
• Live broadcast donor nephrectomy and recipient surgery	• Recipient complications and corrective strategies
• Kidney transplantation strategies and technical pitfalls	• Ethics, transplant crimes and the Istanbul Declaration

Course Overview

This brochure presents the course framework and the final scientific agenda for the surgical track. Plenary sessions with EKITA & ITN nephrology track are clearly indicated in the programme.

Co-Chairs

E.Bariş Akin, MD.
EKITA Past Chair
Chair of the ITN Kidney Transplantation
Surgical Committee
Turkiye

Frank Dor, MD.
ESOT Treasurer
Erasmus Medical Center
Transplantation Institute
The Netherlands

Lloyd Ratner, MD.
Director, Renal and Pancreatic
Transplantation, Department of Surgery
Columbia University - USA



Academic Coordination

Turkish Transplant Foundation | ITN Course Secretariat

Gamze Yildirim, RN. MSc.

Senior Clinical Transplant Coordinator

Academic Qualification

Participants who successfully complete the masterclass will receive a certificate of accomplishment issued under the educational framework by the Turkish Transplant Foundation and European Society for Organ Transplantation.

Methodology

The course combines focused theoretical lectures, case-based expert discussion, operation videos, interactive plenaries and live online operating room connections. Selected sessions are jointly organised with the parallel nephrology programme.

Addressed to

Transplant surgeons, urologists, general surgeons involved in kidney transplantation, fellows and surgical teams seeking advanced exposure in donor and recipient surgery.

Supported by



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17.5 European CME credits have been granted by the European Accreditation Council for Continuing Medical Education (EACCME®).

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Turkish Transplant Foundation
1995



Registration

ESOT member:** EUR 800 | **Non-member:** EUR 1 000 | **Reduced fee**:** EUR 300

* 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.

** Addressed to low and lower-middle income countries and Türkiye. Please make sure that your country actually belongs to low and lower-middle income economies by visiting the following webpage: [World Bank classification](#).

The registration fee includes

- Access to scientific sessions
- Educational materials
- Certificate of attendance
- CME credits
- Coffee breaks and luncheons
- Networking dinner (no entertainment)

Airport Transfers

EUR 100 per person/group transfer
EUR 200 private transfer
Airport - Hotel - Airport
(round trip)

Accommodation Package

EUR 600
4 nights, single room and breakfast
[Hilton Kozyatağı Hotel - Istanbul](#)

Invoices

All fees are VAT included. 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&Turkish Transplant Foundation decide to cancel in-person courses, this will be communicated to all registered participants a month before the start date of the event.

Contact

Turkish Transplant Foundation | info@tonv.org.tr

Venue & Accommodation

Hilton Hotel Kozyatağı, Istanbul-Turkiye

Sahrayı Cedit, Batman Sk. No: 4, 34734 Kadıköy/İstanbul

Length and Language

3 full days, 3-5 September 2026.

Official language: **English**.

Subject to participant demand and operational feasibility, simultaneous interpretation in French and/or Russian languages maybe considered.

Faculty

E. Baris Akin • Turkiye	Aiko P.J. de Vries • The Netherlands	Acar Tuzuner • Turkiye
Lloyd E. Ratner • USA	Carmen Lefaucheur • France	Bulent Oktay • Turkiye
Frank Dor • The Netherlands	Soykan Barlas • Turkiye	Farhad Janahi • UAE
Dixon B. Kaufman • USA	Murat Gulsen • Turkiye	Tonguc Utku Yilmaz • Turkiye
Lucrezia Furian • Italy	Serkan Akıncı • Turkiye	Volkan Turunc • Turkiye
Ibrahim Berber • Turkiye	Burak Kocak • Turkiye	Hakan Hakeri • Turkiye
Corinne Antoine • France	Kamil Yakupoglu • Turkiye	Ty S Diwan • USA
Marc Raynaud • France	Hamdi Karakayalı • Turkiye	Murat Şamlı • Turkiye
Ulaş Sözen • Turkiye		

8TH KIDNEY TRANSPLANTATION MASTERCLASS

Advanced Surgical Techniques

1st Day • 3 September Thursday

08:00 - 08:30	Registration & Coffee
08:30 - 08:40	Welcome & Course Introduction
08:40 - 09:00	Introduction of the Participants

SESSION 1

Morning Discussion: Informed Consent Living Donor Nephrectomy

09:00 - 09:20	Informed consent for the donor in live kidney donation
	Frank Dor, NL

SESSION 2

State of-the-Art Lecture

09:20 - 09:40	How did the living donor nephrectomy evolve and learning curve for laparoscopic donor nephrectomy
	Lloyd Ratner, USA

SESSION 3

Endoscopic Living Donor Nephrectomy Techniques

09:40 - 10:00	Safety is a priority! Is it worthwhile to learn other techniques? Retroperitoneal vs Intraperitoneal, Laparoscopic vs Assisted hand or robotic
	Barış Akin, Türkiye

SESSION 4

Some Nice Presentations

10:00 - 10:15	Brought out by experiences
	Dixon B Kaufman, USA
10:15 - 10:30	Enhanced Recovery After Surgery (ERAS) for Donors
	Ty S Diwan, USA

10:30 - 10:45	Coffee Break
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Session 5	Some strategies during kidney transplantation
10:45 - 11:00	Different strategies for placing kidney. How many can fit in? Lloyd Ratner, USA
11:00 - 11:15	Complex donors: pediatric en bloc/split, dual deceased donors, and horseshoe kidneys Ty S Diwan, USA

SESSION 6	Live Online connection to Acıbadem Ataşehir Hospital Operating Room: Laparoscopic Donor Nephrectomy with Vaginal Extraction
11:15 - 12:15	Online connection to Operating Room. Ibrahim Berber, Türkiye
Discussion during surgery Moderator Lucrezia Furian, Italy • Most serious complications of laparoscopic donor nephrectomy • Remove the kidney with or without the Gerotas fascia? • Anything to consider regarding adrenal gland	

SESSION 7	Live Online connection to Acıbadem Ataşehir Hospital Operating Room: Kidney transplantation procedure
12:15 - 13:00	Online connection to Operating Room. Ibrahim Berber, Türkiye
Discussion during surgery Moderator Acar Tüzüner, Türkiye • Do you need to clamp the renal vein while doing arterial anastomosis? • Ureter dissection, with or without gonadal vein • Over dissection of iliac arteries. How much do you need? • Retractor related complications during kidney transplantation • How do you find bladder with no urine recipients? Anatomic landmarks • No veins, iliac veins found to be sclerotic, what can be done?	

13:00 - 14:00	Lunch
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SESSION 8	Strategies to increase the donor pool / Common session Nephrology - Surgical Course
14:00 - 14:20	Machine perfusion
	Corinne Antoine, France
14:20 - 14:40	Pushing the boundaries for living donation
	Frank Dor, NL
14:40 - 15:00	Tolerance induction in living donation
	Dixon B Kaufman, USA
15:00 - 15:20	AI in kidney transplantation
	Marc Raynaud, France
15:20 - 15:40	Discussion

16:00 - 16:20	Coffee Break
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SESSION 9	Strategies to increase the donor pool / Common session Nephrology - Surgical Course
16:20 - 16:40	Transplantation across HLA borders
	Carmen Lefauheur, France
16:40 - 17:00	ABOi transplantation
	Aiko PJ de Vries, NL
17:00 - 17:20	Paired kidney donation
	Baris Akin, Turkiye
17:20 - 17:40	Xenotransplantation
	Lloyd Ratner, USA
17:40 - 18:00	Discussion

8TH KIDNEY TRANSPLANTATION MASTERCLASS

Advanced Surgical Techniques

2nd Day • 4 September Friday

08:20 - 08:30	Introduction to Daily Events
SESSION 10	Morning Discussion: Retroperitoneoscopic Donor Nephrectomy and Robotic Surgery
08:30 - 08:50	Why Retroperitoneal Access? Intraabdominal complications! How to switch from hand assisted laparoscopic to retroperitoneal access. Tips and Tricks to access retroperitoneum.
	Barış Akin, Türkiye
08:50 - 09:00	Discussion
SESSION 11	Right sided donor nephrectomy. How long renal vein do you need?
09:00 - 09:15	How to manage short renal vein
	Lloyd Ratner, USA
09:15 - 09:30	A different transplantation technique that you may even cut the renal vein shorter: Erasmus University approach
	Frank Dor, NL
SESSION 12	Surgical challenges in living donor Kidney Transplantation
09:30 - 09:45	How do you use it safely? Monopolar, Bipolar, Liga sure, Harmonic Scalpel, Enseal, and Thundebate, how to avoid and handle the complication of laparoscopic energy sources. Introducing different vascular staplers. Tips and tricks to use them
	Lloyd Ratner, USA
09:45 - 10:00	Discussion
10:00 - 10:15	Coffee Break

SESSION 13	Live Online connection to Medical Park Florya Aydin University Hospital Operating Room: Hand Assisted Retroperitoneoscopic Donor Nephrectomy Procedure	
10:15 - 11:45	Online connection to Operating Room.	
	Soykan Barlas, Turkiye	
Discussion during surgery Moderator Frank Dor, NL Cons and Pros: Full laparoscopic and Hand assisted donor nephrectomy		

SESSION 14	Live Online connection to Medical Park Florya Aydın University Hospital Operating Room: Kidney transplantation procedure	
11:45 - 12:00	Online connection to Operating Room.	
	Soykan Barlas, Türkiye	
Discussion during surgery Moderator Hamdi Karakayalı, Türkiye		
Different anastomosis techniques for renal artery and vein Important tricks; skin incisions, preperation of iliac vessels, anastomosis techniques		

12:00 - 13:00	Lunch
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SESSION 15	Combined organ transplants	
13:00 - 13:15	Kidney & Pancreas	
	Dixon Kaufman, USA	
13:15 - 13:30	Kidney & Liver/Lung/Heart	
	Ty S Diwan, USA	

SESSION 16	Case presentations	
13:30 - 13:50	Donor nephrectomy with complex vascular anatomy	
	Murat Şamlı, Türkiye	
13:50 - 14:10	Vascular Reconstruction in kidneys with multiple arteries	
	Serkan Akıncı, Türkiye	

SESSION 17	Some videos about complications
14:00 - 14:30	Tonguç Utku Yılmaz, Türkiye

SESSION 18	Operation video: Retroperitoneoscopic donor nephrectomy
14:30 - 14:50	Surgical technique with video presentation
	Murat Gulsen, Türkiye

14:50 - 15:10	Coffee Break
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SESSION 19	Operation video: Robotic Retroperitoneoscopic donor nephrectomy
15:10 - 15:30	Surgical Technique with video presentation
	Barış Akin, Türkiye

SESSION 20	Discussion with cases: Challenges in kidney transplantation
15:30 - 15:45	Renal artery pseudoaneurysm
	Volkan Turunç, Türkiye
15:45 - 16:00	Management of concurrent vascular and urologic complications
	Kamil Yakupoğlu, Türkiye
16:00 - 16:15	Compartment Syndrome
	Soykan Barlas, Türkiye
16:15 - 16:30	Some strange cases
	Acar Tüzüner, Türkiye
16:30 - 17:00	Discussion

8TH KIDNEY TRANSPLANTATION MASTERCLASS

Advanced Surgical Techniques

3rd Day • 5 September Saturday

08:20 - 08:30 Introduction to Daily Events

SESSION 21 Morning Discussion: Pediatric transplantation

08:30 - 08:50 Evaluation of pediatric cases and surgical challenges for kidney transplantation

Burak Kocak, Turkiye

08:50 - 09:00 Discussion

SESSION 22 Discussions with Cases

09:00 - 09:15 My surgical nightmare

Soykan Barlas, Turkiye

09:15 - 09:30 Influence of Surgical Technique on Early infectious complications

Serkan Akıncı, Turkiye

09:30 - 09:45 How to fix ureter complications

Kamil Yakupoğlu, Turkiye

09:45 - 10:00 Coffee Break

SESSION 23 Robotic assistance in Kidney Transplantation

10:00 - 10:15 Indications for Robotic Kidney Transplantation

Lucrezia Furian, Italy

10:15 - 10:30 Robotic assistance in donor nephrectomy and complication surgeries

Baris Akin, Turkiye

10:30 - 10:45 Evaluation of Robotic Surgery and new Robotic systems

Lloyd Ratner, USA

10:45 - 11:00 Discussion

SESSION 24	Video presentation
11:00 - 11:30	Challenges for robotic kidney transplantation
	Burak Koçak, Türkiye

SESSION 25	Some important considerations for surgical outcomes!
11:30 - 11:45	How to avoid disasters in laparoscopic donor nephrectomy
	Lucrezia Furian, Italy
11:45 - 12:00	Approach and technical challenges, obese donors (Online)
	Ulaş Sözüer, Türkiye

12:00 - 13:00	Lunch
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SESSION 26	Indications in Kidney Transplantation
13:00 - 13:15	Kidney transplantation for Polycystic disease
	Dixon Kaufman, USA
13:15 - 13:30	Nephrolithiasis in donors and recipients
	Burak Koçak, Türkiye

SESSION 27	Interactive session: Kidney Transplantation Complications
13:30 - 13:45	Ethics in Kidney Transplantation
	Ty S Diwan, USA
13:45 - 14:00	Post transplant complications
	Farhad Janahi, UAE

SESSION 28	About Deceased Kidney Transplantation
14:00 - 14:15	Deceased Donation in USA! Expanding the Donor Pool: Beyond "Ideal" Candidates (eg high KDPI, AKI)
	Ty S Diwan, USA
14:15 - 14:30	Tips and tricks for deceased donor kidney transplantation, backtable procedures
	Acar Tüzüner, Türkiye
14:30 - 14:45	Organ perfusion and storage strategies. Machine perfusion
	Ty S Diwan, USA

14:45 - 15:00	Coffee Break
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SESSION 29	Discussion with cases: Surgical complications for recipients
15:00 - 15:15	Renal arterial and vein thrombosis
	Bülent Oktay, Türkiye
15:15 - 15:30	Ureteral stenosis and leakage
	Farhad Janahi, UAE
15:30 - 15:45	Approach for Lymphocele
	Tonguç Utku Yılmaz, Türkiye
15:45 - 16:00	Wound infections and management
	Volkan Turunç, Türkiye

SESSION 30	Coming to an end
16:00 - 16:15	The Important Reminders from the Course
16:15 - 16:30	The final discussion: Last Questions and evaluation of the course

16:30 - 17:00	Certification and Award of Fellowship & Closing
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