ITN® International Transplant Network

TÜRKİYE ORGAN NAKLİ VAKFI
Turkish Transplant Foundation
1995

8th ITN Kidney Transplantation Masterclass

ADVANCED SURGICAL TECHNIQUES

3-5 September 2026 | Istanbul • Turkiye

In Collaboration with

ESOT®

EKITA ESOT

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.Barış 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

HEALTH DIPLOMACY SOCIETY

Accredited by

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

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ESOT

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TÜRKİYE ORGAN NAKLİ VAKFI Turkish Transplant Foundation 1995

ITN International Transplant Network

University of Health Sciences 1903

ESNT The European Society of Nephrology and Transplantation

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 Turkiye. 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 Sözener • 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, Turkiye

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

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, Turkiye

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, Turkiye

Discussion during surgery

Moderator Acar Tüzüner, Turkiye

- Do you need to clamp the renal vein while doing arterial anastamosis?
- 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

SESSION 8	Strategies to increase the donnor pool / Common session Nephrology - Surgical Couse
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**

15:40 - 16:00	Coffee Break

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

8TH KIDNEY TRANSPLANTATION MASTERCLASS
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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, Turkiye
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 Thundebeat, 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 Aydın 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, Turkiye
Discussion during surgery **Moderator Hamdi Karakayalı, Turkiye** Different anastomosis techniques for renal artery and vein Important tricks; skin incisions, preperation of iliac vessels, anastomosis techniques	

12:00 - 13:00	Lunch

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, Turkiye
13:50 - 14:10	**Vascular Reconstruction in kidneys with multiple arteries**
	Serkan Akıncı, Turkiye

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

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

14:50 - 15:10	Coffee Break

SESSION 19	**Operation video: Robotic Retroperitoneoscopic donor nephrectomy**
15:10 - 15:30	**Surgical Technique with video presentation**
	Barış Akin, Turkiye

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

8TH KIDNEY TRANSPLANTATION MASTERCLASS
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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, Turkiye

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 Sözener, Turkiye

12:00 - 13:00	Lunch

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, Turkiye

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, Turkiye
14:30 - 14:45	**Organ perfusion and strorage strategies. Machine perfusion**
	Ty S Diwan, USA

14:45 - 15:00	Coffee Break

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

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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