



TÜRKİYE  
ORGAN NAKLİ VAKFI  
Turkish Transplant Foundation



ONKOD  
ORGAN NAKLİ KOORDİNATÖRLERİ DERNEĞİ  
Turkish Society of Transplant Coordinators



Universiteit  
Leiden  
The Netherlands



UNIVERSITY OF  
OXFORD

# ABDOMINAL ORGAN PROCUREMENT HANDS-ON MASTERCLASS

October 4-6, 2022 ♦ Ankara University Faculty of Medicine



**EXTENDED**

REGISTRATION  
DEADLINE  
AUGUST 15, 2022.

In collaboration with



ITN®  
International  
Transplant Network

Endorsed by



ESOT  
Leading the way  
in transplantation

# AGENDA

1<sup>st</sup> Day

October 4, 2022

09:00 - 09:20 Opening Speeches

**SESSION-1 Basic Principles, Logistics and Preservation**  
Chairs: Acar Tüzüner, Andrzej Baranski

09:20 - 09:50 **Donor Management and Organ Viability**  
Menekşe Özçelik, Ankara, Türkiye

09:50 - 10:00 Discussion

10:00 - 10:30 **Quality Control in Organ Procurement**  
David Lam, Leiden, The Netherlands

10:30 - 10:40 Discussion

10:40 - 11:10 Keynote Lecture:  
**Principles of Organ Preservation**  
Rutger Ploeg, Oxford, United Kingdom

10:40 - 11:00 Coffee Break

**SESSION-2 Evaluating Organ Transplantability**  
Chairs: Kaan Karayalçın, James Hunter

11:00 - 11:30 **Liver: Relevant Anatomy and Benching**  
David Lam, Leiden, The Netherlands

11:30 - 11:40 Discussion

11:40 - 12:10 **Pancreas: Relevant Anatomy and Benching**  
Andrzej Baranski, Leiden, The Netherlands

12:10 - 12:20 Discussion

12:20 - 12:50 **Kidney: Relevant Anatomy and Benching**  
Sanem Çimen, Ankara, Türkiye

12:50 - 13:00 Discussion

13:00 - 13:30 **Case Discussions**  
A.E Braat, Leiden, The Netherlands

13:30 - 14:30 Lunch

1<sup>st</sup> Day

October 4, 2022

**SESSION-3 Donor Assesment and Surgical Techniques&Principles**

Chairs: David Lam, Aydın Dalgıç

**14:30 - 15:00 Liver Selection Criteria**  
Kaan Karayalçın, Ankara, Turkiye

**15:00 - 15:10** Discussion

**15:10 - 15:40 Kidney Selection Criteria**  
Gizem Kumru, Ankara, Turkiye

**15:40 - 15:50** Discussion

**15:50 - 16:20 Surgical Techniques of Abdominal Organ Procurement**  
Andrzej Baranski, Leiden, The Netherlands

**16:20 - 16:30** Discussion

**16:30 - 17:00 Surgical Principles in DCD Donors and Normothermic Regional Perfusion**  
Isabel Quiroga, Oxford, United Kingdom

**17:00 - 17:10** Discussion

**17:10 - 17:40** Keynote Lecture:  
**Liver Surgery - from Bench to Recipient, Tips, Tricks and Pearls**  
Ilgin Özden, Istanbul, Turkiye

**19:00** Networking Dinner

2<sup>nd</sup> Day

October 5, 2022

#### **SESSION-4 Perfusion Technologies in Organ Transplantation**

Chairs: Acar Tüzüner, A.E. Braat

**09:00-09:30 Organ Perfusion Technology: A History of Innovation**

Rutger Ploeg, Oxford, United Kingdom

**09:30-09:40** Discussion

**09:40-10:10 Organ Repair and Conditioning**

James Hunter, Oxford, United Kingdom

**10:10-10:20** Discussion

**10:20-10:50 Hypothermic and/or Normothermic Perfusion and Clinical Experience**

Bülent Aydınli, Antalya, Türkiye

**10:50-11:00** Discussion

**11:00-11:20** Coffee Break Perfusion

**11:20-11:50** Keynote Lecture:

**Professionalization in Abdominal Organ Procurement**

Andrzej Baranski, Leiden, The Netherlands

#### **SESSION-5 Expanding the Organ Donor Pool**

Chairs: Rutger Ploeg, Tuncay Aki

**11:50-12:20 How to Establish a New DCD Program: Principles and Organisation**

Andrzej Baranski, Leiden, The Netherlands

**12:20-12:30** Discussion

**12:30-13:00 New Frontiers in Extended Criteria Donor**

James Hunter, Oxford, United Kingdom

**13:00-13:10** Discussion

**13:10-13:40 Management of the Kidney Paired Donation and Highly Sensitized Patient Programs**

Barış Akin, Istanbul, Türkiye

**13:40-13:50** Discussion

**13:50-15:00** Lunch

2<sup>nd</sup> Day

October 5, 2022

**SESSION-6 Strategies to Optimize Deceased Organ Donation**

Chairs: Isabel Quiroga, Mehmet Oral

**15:00-15:30 On the Way to Self-Sufficiency: Improving Deceased Organ Donation in Turkiye**

Eyüp Kahveci, Ankara, Turkiye

**15:30-15:40** Discussion

**15:40-16:10 The Impact of Presumed Consent System on Organ Donation: UK Experience**

Rutger Ploeg, Oxford, United Kingdom

**16:10-16:20** Discussion

**16:20-16:50 The Impact of New Consent System on Organ Donation: The Netherlands Experience**

Janneke Vervelde, Leiden, Netherlands

**16:50-17:00** Discussion

**Special Session**

Roundtable Meeting-Eurodonor Surgery Project

**17:00-17:30 How to introduce DCD Program in Turkiye?**

Acar Tüzüner, Ankara, Turkiye

Akın Fırat Kocaay , Ankara, Turkiye

**17:30-18:30** Annual Project Evaluation Meeting

University of Oxford, Leiden University, Ankara University, Health Sciences University, Turkish Society of Transplant Coordinators, Turkish Transplant Foundation

**19:00-22:00** Networking Dinner

3<sup>rd</sup> Day

October 7, 2022

## Introduction to the Practical Course

**9:00 - 10:30 Multi-Organ Retrieval Techniques Demonstration at the Auditorium**

Chairs: Andrzej Baranski, Acar Tüzüner, Halil İbrahim Açar  
Trainers from all partners

**10:30-11:00** Coffee Break

JOINT SESSIONS				
Groups		Hands-on Course	Groups	Wet-lab Course
11:00 - 14:00	Group 1	Using Specially Prepared Human Cadavers Chairs: Andrzej Baranski, Acar Tüzüner	11:00-14:00	Organ Perfusion, Repairing and Conditioning Chairs: Rutger Ploeg, James Hunter, Bülent Aydınlı
14:00-17:00	Group 2		14:00-17:00	

**Masters:** Aydın Dalgıç, Kaan Karayalçın, İlgin Özden, Gürkan Öztürk, Sanem Çimen, Barış Akin, Bülent Aydınlı, David Lam, Isabel Quiroga, Halil İbrahim Açar, Ayhan Cömert

**17:00 - 17:30 How to Introduce New Preservation Technology in Türkiye?**  
Acar Tüzüner, Ankara, Türkiye

**17:30** Closing Ceremony

**19:00** Gala Dinner

# Course Co-Chairs

## **Prof. Dr. Acar Tüzüner FEBS**

Professor of General Surgery, Ankara University Ibn-i Sina Hospital  
Director of Kidney and Pancreas Transplant Center, Ankara, Türkiye  
National Representative of UEMS Board of Transplant Surgery

## **Prof. Dr. A. G. Baranski MD. FEBS (Hon)**

General, Gastrointestinal and Transplant Surgeon  
Professor of Education of Surgical Techniques for Transplantation  
Director of Post-Graduate Transplant Surgical Training  
Abdominal Organ Transplant Centre, Department of Surgery  
Leiden University Medical Center, Leiden, The Netherlands

## **Rutger J. Ploeg MD. PhD. FRCS FEBS (Hon)**

Professor of Transplant Biology, Consultant Surgeon, University of Oxford  
Professor of Transplantation and Research, Leiden University  
Professor of Transplant Surgery, University of Groningen  
Principal Investigator with NHS Blood and Transplant  
Director of Clinical and Translational Research  
Nuffield Department of Surgical Sciences, University of Oxford  
Oxford Transplant Centre, Oxford University Hospitals NHS Foundation Trust  
Oxford, United Kingdom

# Objectives

- To have a command of basic terminology in organ donation and transplantation
- To increase knowledge and strengthen the skills of donor surgeons
- To train attendees on standardized techniques of abdominal organ procurement
- Up-to-date information concerning anatomy, principles of organ procurement, and preservation
- To provide elements about kidney, pancreas, and liver back-table surgery
- To promote the implementation of knowledge and to acquire competencies in order to set up an effective organ procurement system
- To facilitate exchanging of best practices and to develop an international networking

## Academic Board & Faculty

- **Acar Tüzüner**, Ankara University Faculty of Medicine, Türkiye
- **Menekşe Özçelik**, Ankara University Faculty of Medicine, Türkiye
- **David Lam**, Leiden University Medical Centre, The Netherlands
- **Rutger Ploeg**, University of Oxford, United Kingdom
- **Andzej Baranski**, Leiden University Medical Centre, The Netherlands
- **Sanem Çimen**, University of Health Sciences, Türkiye
- **Kaan Karayağın**, Ankara University Faculty of Medicine, Türkiye
- **Akın Fırat Kocaay**, Ankara University Faculty of Medicine, Türkiye
- **Isabel Quiroga**, University of Oxford, United Kingdom
- **İlgin Özden**, İstanbul Başakşehir Çam ve Sakura City Hospital, Türkiye
- **Bülent Aydın**, Akdeniz University, Türkiye
- **James Hunter**, University of Oxford, United Kingdom
- **A.E Braat**, Leiden University Medical Centre, The Netherlands
- **E. Barış Akin**, İstanbul Bilim University, Türkiye
- **F.Tuncay Aki**, Hacettepe University, Türkiye
- **Aydın Dalgıç**, Gazi University, Türkiye
- **Gizem Kumru**, Ankara University, Türkiye
- **Gürkan Öztürk**, Atatürk University, Türkiye
- **Mehmet Oral**, Ankara University, Türkiye
- **Halil İbrahim Açar**, Ankara University, Türkiye
- **Ayhan Cömert**, Ankara University, Türkiye
- **Eyüp Kahveci**, Turkish Transplant Foundation, Türkiye
- **Janneke Vervelde**, Leiden University Medical Center, The Netherlands

## Methodology

To improve theory by learning through experience and practical simulations

- Theoretical lectures
- Interactive practice
- Wet lab
- Hands-on course
- Live surgery broadcast

Hands-on course using specially prepared human cadavers including organ bench surgery with one Master per four participants per table.



## Target Group

- Surgical fellows, and surgeons dedicated to abdominal organ donation and transplantation, who participate in organ retrieval teams in their own transplant region and wish to receive specialized training in this field
- Surgical fellow, surgeons from liver transplantation and hepatobiliary departments interested in the high level of liver surgery
- Surgical fellow, surgeons from kidney and pancreas transplantation departments.

## Academic Qualification

National and international senior transplant surgeons with a high level of expertise in the donation and transplantation fields. Based on their teaching experience, they will guide participants and provide them personalized feedback through lectures, practical simulations, live surgery, hands-on course, and wet- lab. After successful completion of this course, participants will receive a certificate of accomplishment issued by Ankara University, in collaboration with ITN and endorsed by ESOT.

## Content

This training course program covers the basic and advanced aspects of abdominal organ procurement giving participants an opportunity to acquire comprehensive knowledge and skills on the following topics:

- Organ viability
- Organ preservation
- Anatomy and benching
- Surgical techniques & principles
- Organ perfusion
- Organ preservation
- Organ repair
- Organ conditioning
- Organ selection criteria
- DBD and DCD programs
- Extended criteria donors
- Hands-on practice: fresh frozen cadavers
- Basic and advanced retrieval techniques
- Wet- lab: reconditioning with machine perfusion

## Length and Calendar

3 days (theoretical lectures, hands -on course, live surgery and wet-lab).

## Language

The course language is **English**.

## Application

Max. 30 persons.

# Venue

**Ankara University, Faculty of Medicine Department of Anatomy**

Clinical Anatomy Research and Simulation Center, 06100, Sıhhiye, Ankara/Turkiye

## Registration Fee: 1500 USD

This registration fee includes:

- Theoretical lectures
- Live broadcast dissection sessions
- Wet lab machine perfusion
- Hands-on dissection
- Coffee breaks, luncheons, networking and gala dinner
- Course bag and printed materials
- Hotel accomodation (up to 4 nights+breakfast)
- Airport transfer (only group) and daily shuttle service between hotel and course venue

## Accommodation

**Crown Plaza Ankara Hotel**

Gazi Mahallesi, Mevlana Bulvarı No:2/F Yenimahalle 06330 Ankara-Turkiye

[www.cpankara.com.tr](http://www.cpankara.com.tr)

## Course Coordinator

**Turkish Transplant Foundation**

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## Registration Office

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