

# INTERNATIONAL TRAINING COURSE IN ABDOMINAL ORGAN PROCUREMENT

Cadaveric Dissection & Wet Lab  
Ankara University Faculty of Medicine  
June 14-16, 2019 Ankara-TURKEY

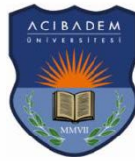
## Main Topics

- Ethical and legal aspects
- Organ allocation policies
- DBD (donation after brain death)
- DCD (donation after circulatory death)
- Extended criteria donors
- Organ viability
- Advanced retrieval techniques
- Organ storage techniques
- Wet-lab: reconditioning with machine perfusion
- Hands-on practice: fresh frozen cadavers



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SAĞLIK  
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DERNEĞİ



TÜRKİYE  
ORGAN NAKLİ VAKFI  
Turkish Transplant Foundation

# INTERNATIONAL TRAINING COURSE IN ABDOMINAL ORGAN PROCUREMENT

## Academic Board

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*Professor of General Surgery, Ankara University Ibn-i Sina Hospital  
Chief of Kidney and Pancreas Transplant Center  
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*Professor of General Surgery, Director of Inonu University Liver Transplantation Institute  
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## Course Co-Chairs

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## Academic Coordination

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Ankara, Turkey*

# INTERNATIONAL TRAINING COURSE IN ABDOMINAL ORGAN PROCUREMENT

June 14-16, 2019 Ankara, Turkey

**June 14, 2019**

**1<sup>st</sup> Day**

08:00-08:30	<b>Opening Remarks</b>
08:30-09:00	<b>Organ allocation system in Turkey: liver, kidney and pancreas</b> <ul style="list-style-type: none"> <li>• Liver <i>Yaman Tokat, Turkish Society of Liver Transplantation, Turkey</i></li> <li>• Kidney and pancreas <i>Baris Akin, Istanbul Bilim Univ Florence Nightingale Hospital, Turkey</i></li> </ul>
09:00-09:30	<b>Organ allocation system international perspective</b> <i>Bernadette Haase, Dutch Transplant Foundation, The Netherlands</i>
09:30-10:00	<b>Donation after circulatory death (DCD)</b> <i>Diethard Monbaliu, Leuven University, Belgium</i>
10:00-10:30	<b>Coffee Break</b>
10:30-11:00	<b>How to establish a new DCD program: principles and organization</b> <i>Diethard Monbaliu, Leuven University, Belgium</i>
11:00-11:30	<b>Importance of donor management and organ viability</b> <i>Tuğhan Utku, Yeditepe University, Turkey</i>
11:30-12:00	<b>Professionalization of abdominal organ procurement</b> <i>Gabriel Oniscu, Edinburgh University, UK</i>
12:00-12:30	<b>Principles of organ preservation</b> <i>Rutger Ploeg, Oxford University, UK</i>
12:30-13:00	<b>Marginal Donors: liver and kidney</b> <ul style="list-style-type: none"> <li>• Liver <i>Ramazan Idilman, Ankara University, Turkey</i></li> <li>• Kidney <i>Kenan Keven, Ankara University, Turkey</i></li> </ul>
13:00-14:00	<b>Lunch</b>
14:00-15:00	<b>Anatomy-relevant for organ procurement with elements of bench surgery</b> <ul style="list-style-type: none"> <li>• Liver (<i>Deniz Balci, Ankara University, Ankara</i>)</li> <li>• Pancreas (<i>Andrzej Baranski, Leiden University, The Netherlands</i>)</li> <li>• Kidney (<i>Acar Tuzuner, Ankara University, Turkey</i>)</li> <li>• Small Intestine (<i>Hector, Vilca-Melendez, King's College, UK</i>)</li> </ul>

**June 14, 2019****1<sup>st</sup> Day**

15:00-16:00	<b>Surgical technique</b> <ul style="list-style-type: none"> <li>Abdominal organ harvesting <i>Andrzej G. Baranski, Leiden University, The Netherlands</i></li> </ul>
16:00-17:00	<b>Coffee Break</b>
17:00-18:00	<b>View of the DCD retrieval techniques</b> <i>Gabriel Oniscu, Edinburgh University, UK</i>
19:30	<b>Networking Dinner</b>

**June 15, 2019****2<sup>nd</sup> Day**

09:00-12:00	<b>Live procurement and discussion</b> <ul style="list-style-type: none"> <li>Live broadcast from anatomy lab to auditorium <i>Andrzej G. Baranski, Leiden University, The Netherlands</i> <i>Acar Tuzuner, Ankara University, Turkey</i></li> </ul>
12:00-14:00	<b>Lunch</b>
14:00-18:00	<b>Hands-on course using specially prepared human cadavers with elements of bench surgery</b> <ul style="list-style-type: none"> <li>Masters and Tutors <i>Andrzej G. Baranski</i> <i>Acar Tuzuner</i> <i>Barış Akin</i> <i>Hector Vilca</i> <i>Gabriel Oniscu</i> <i>Ayhan Cömert</i> <i>Halil İbrahim Açar</i></li> </ul>
19:30	<b>Dinner</b>

**June 16, 2019****3<sup>rd</sup> Day**

09:00-10:00	<b>Organ Perfusion Techniques – Milestones</b> <ul style="list-style-type: none"> <li>Static cold perfusion to normothermic perfusion <i>Rutger Ploeg, Oxford University, UK</i></li> </ul>
10:00-10:30	<b>Kidney – Machine Perfusion Principles</b> <ul style="list-style-type: none"> <li>Hypothermic</li> <li>Normothermic</li> </ul>
10:30-11:00	<b>Coffee Break</b>

June 16, 2019

3<sup>rd</sup> Day

11:00-11:30	<b>Liver – Machine Perfusion Principles</b> <ul style="list-style-type: none"><li>• Hypothermic</li><li>• Normothermic</li></ul>
11:30-12:00	<b>Organ Conditioning Dream or Upcoming Reality</b> <i>Rutger Ploeg, Oxford University, UK</i>
12:00-14:00	<b>Lunch</b>
14:00-18:00	<b>Wet Lab (Pig Liver and Kidneys) (Organ Assist)</b> <ul style="list-style-type: none"><li>• Hypothermic perfusion of kidney and assesment</li><li>• Normothermic perfusion of kidney and assesment</li><li>• Hypothermic perfusion of liver and assesment</li><li>• Normothermic perusion of liver and assesment</li></ul>

# INTERNATIONAL TRAINING COURSE IN ABDOMINAL ORGAN PROCUREMENT

## Objectives

- To **have a command of** basic terminology in organ donation and transplantation
- To **increase** knowledge and to strengthen 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 competences in order to set up an effective organ procurement system
- To **facilitate** exchanging of best practices and to develop an international networking

## Addresses to

- Junior surgeons, surgical fellows, surgeons dedicated to abdominal organ donation and transplantation, who participate in organ retrieval teams in 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.

## Methodology

To improve theory by learning through experience and practical simulations;

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

## Academic Qualification

After successful completion of this course, participants will receive a certificate of accomplishment issued by the Turkish Transplant Foundation and Ankara University.

## Faculty Members

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.

- Yaman Tokat, Turkish Society of Liver Transplantation, Istanbul
- Emin Barış Akin, Florence Nightingale Şişli Hospital, Istanbul
- Bernadette Haasse, Dutch Transplant Foundation, The Netherland
- Diethard Monbaliu, Leuven University, Belgium
- Arne Neyrinck, Leuven University, Belgium
- David Lam, Leiden University, The Netherland
- Rutger Ploeg, Oxford University, UK
- Ramazan İdilman, Ankara University, Turkey
- Kenan Keven, Ankara University, Turkey
- Deniz Balcı, Ankara University, Turkey
- Andrzej Baranski, Leiden University, The Netherland
- Hector Vilca-Melendez, King's College, UK
- Acar Tüzüner, Ankara University, Turkey
- Gabriel Oniscu, Edinburgh University, UK
- Nicos Kessarıs, King's College, UK
- Sezai Yılmaz, İnönü University, Turkey
- Ayhan Cömert, Ankara University, Turkey
- Halil İbrahim Açar, Ankara University, Turkey
- Sanem Çimen, Dışkapı Training and Research Hospital, Turkey
- Akın Firat Kocaay, Ankara University, Turkey

## 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:

- Ethical and legal aspects
- Organ allocation policies
- DBD and DCD programs
- Extended criteria donors
- Organ viability
- Hands-on practice: fresh frozen cadavers
- Basic and advanced retrieval techniques
- Bench surgery
- Preservation, packaging and transport
- Organ storage techniques
- Wet-lab: reconditioning with machine perfusion

## **Lenght and Calendar**

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

The course language is **English**.

## **Venue**

Ankara University, Faculty of Medicine, Ankara-Turkey

## **Application**

Max. 60 persons

## **Registration Fee**

Category 1 (C1) 400 USD

Category 2 (C2) 800 USD (including hands on session)

The registration fee for **C1** includes: theoretical lectures, live broadcast dissection sessions, hands-on session live broadcast, wet lab machine perfusion, coffee breaks, luncheons, networking and gala dinner. **C2** includes: all above+hands on session.

## **Endorsed by**

Ankara University

Leiden University Medical Center (*in process*)

ESOT (*in process*)

## **Course Coordination**

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