



# ESTS SCHOOL

ESTS  
SCHOOL OF  
THORACIC  
SURGERY

## MI ESOPHAGECTOMY AND ANASTOMOSIS COURSE

16-17 April 2020

Istanbul, Turkey

Course Organisers:  
Hasan Batirel, Istanbul, Turkey  
ESTS Director of Education

INFORMATION & REGISTRATION: [www.ests.org](http://www.ests.org)

## FACULTY



**Hasan Batirel**

Department of Thoracic Surgery,  
Marmara University, School of Medicine, Turkey



**Xavier Benoit D'Journo**

Department of Thoracic Surgery,  
University of Marseille, France



**Inderpal Sarkaria**

Department of Thoracic and Foregut Surgery,  
University of Pittsburgh, Pittsburgh, USA

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### DAY 1: 16 APRIL 2020

08.30-08.40 h **Introduction to the course**

Hasan Batirel

08.40-09.00 h **Minimally invasive esophagectomy-  
Overview**

Hasan Batirel

09.00-09.20 h **Gastric mobilization**

Xavier Benoit D'Journo

09.20-09.40 h **Intrathoracic anastomosis**

Hasan Batirel

09.40-10.00 h **Cervical anastomosis**

Inderpal Sarkaria

10.00-10.30 h Coffee break

10.30-11.30 h **Video presentations of MI-Robotic  
esophagectomies - different types of  
anastomosis-experiences/lessons  
learned**

All Faculty

11.30-12.00 h **Video demonstration of minimally  
invasive esophagectomy in pigs**

Hasan Batirel

12.00-13.00 h Lunch

13.00-17:00 h **WET LAB**

- 6 Training Boxes with pre-prepared stomach and esophageal specimens.
- Gastric conduit preparation and anastomosis by attendees.
- Assessment by all Faculty Members

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## DAY 2: 17 APRIL 2020

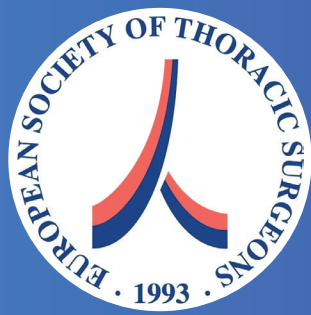
### 09.00-15:00 h WET LAB

- 6 pigs (35-40 kg in weight) – 2 attendees per animal.
- Minimally invasive Ivor Lewis Esophagectomy.
- Laparoscopy through 5-6 ports - Gastric mobilization and conduit preparation.
- Right VATS in lateral decubitus positions. Intrathoracic gastric conduit interposition and anastomosis

### 15.00-17.00 h DRY LAB AND THEORETICAL

- 15.00-15.20 h **Intraoperative difficult situations**  
Xavier Benoit D'Journo
- 15.20-15.40 h **Managing leak after esophagectomy**  
Inderpal Sarkaria
- 15.40-16.00 h **Fast tracking minimally invasive esophagectomy**  
Hasan Batirel
- 16.00-17.00 h **Video evaluation of pig esophagectomies and feedback**





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