



**EuroSOMT**  
INSTITUTE

JUNE 13-14, 2025  
Marmara University

# 7<sup>TH</sup> EUROS ISTANBUL

7<sup>th</sup> FUNCTIONAL UROLOGIC SURGERY COURSE WITH  
3D PRINTED MODELS AND FRESH-FROZEN CADAVERS



# 7<sup>TH</sup> FUROS ISTANBUL

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## COURSE DIRECTORS



**Sherif MOURAD**

*MD-PhD , Professor of Urology  
Ain Shams University, Cairo,  
Egypt General Secretary of EUA  
Former General Secretary of ICS  
EuroSOMT - President*



**Emre HURİ**

*MD-PhD, Professor of Urology  
Hacettepe University, Faculty of  
Medicine, Urology Department  
EuroSOMT Vice - President*

## INSTRUCTORS

*Listing the instructors in alphabetical order*



**Emre HURİ**



**Fatih YANARAL**



**İlkan TATAR**



**İlker SELÇUK**



**Koray Görkem SAÇINTI**



**Mohamed NAGA**



**Rahmi ONUR**



**Sherif MOURAD**



**Senad KALKAN**



**Serdar AYDIN**

### TOPICS AND PROCEDURES:

- Pelvic- perineal detailed dissection in male/female
- Pubovaginal slings (autologous), TOT, TVT, single incision sling (SIS), anterior/posterior colporrhaphy, vesicovaginal fistula, sacrospinous ligament fixation
- Sacrocolpopexy, Burch colposuspension
- Male sling, Urethral reposition, Artificial Urinary Sphincter (AUS)
- Sacral neuromodulation
- REZUM
- Male/female urethroplasty
- Bulking agent injection
- Intravesical botulinum toxin injection

### PRACTICAL ANATOMICAL DISSECTION AND SIMULATION STATIONS:

Participants will rotate through cadaver-based practical stations to gain hands-on experience with detailed anatomical dissections.

- **Station 1:** Learning Anatomic Landmarks in Pelvic- Perineal Region (Cadavers - Anatomic 3D Printed Models)
- **Station 2:** Male Sling, Urethral Reposition and Artificial Urinary Sphincter (AUS) (Cadaver)
- **Station 3:** Pubovaginal Slings (autologous), TOT, TVT, Single Incision Sling (SIS), Anterior/Posterior Colporrhaphy, Vesicovaginal Fistula, Sacrospinous Ligament Fixation (Cadaver)
- **Station 4:** Sacral Neuromodulation (SNM) (Tined Lead Placement and Permanent Implant ) (Cadaver)
- **Station 5:** Sacral Neuromodulation (SNM) (Tined Lead Placement and Permanent Implant ) (3D Printed Models)
- **Station 6:** Minimal Invasive Prostate Surgery (Rezumi) (VR Simulator)
- **Station 7:** Bulking Agent and Botox Injection (Cadaver )
- **Station 8:** Sacrocolpopexy, Burch Colposuspension (Cadaver)
- **Station 9:** Male/female Urethroplasty (Cadaver)

### COURSE OVERVIEW:

- This course provides comprehensive training in functional urologic surgery for both female and male patients.
- It covers detailed pelvic-perineal anatomy, functional pathologies, surgical techniques, new materials and technologies, complication management, preoperative planning, and applications of 3D modeling and printing.
- Interactive discussions will support the integration of anatomical knowledge into surgical practice.

### AIMS AND OBJECTIVES:

The primary aims of this course is to provide urologists and urogynecologists with a comprehensive understanding of pelvic functional surgery through advanced theoretical instruction, detailed anatomical dissection, and hands-on surgical training, to provide step-by-step anatomical instruction of key surgical procedures in functional urology. The program is designed to establish a strong scientific foundation and enhance participants' technical skills in male and female pelvic surgeries.

By the end of the course, participants will be able to:

- Perform detailed pelvic-perineal anatomical dissections using endoscopic-assisted and head-mounted camera systems.
- Conduct male urethral dissection, reconstructive procedures, sling placement, and artificial urinary sphincter (AUS) implantation.
- Execute female urethral support surgeries and vaginal dissections, focusing on anterior and posterior compartments.
- Understand and apply surgical techniques for pelvic organ prolapse repair, including anterior colporrhaphy, sacrocolpopexy, and sacrospinous ligament fixation.
- Gain essential tips and practical insights into sacral neuromodulation (SNS), supported by anatomy-based training for beginners.
- Integrate theoretical knowledge, practical hands-on experiences, and surgical video analyses to enhance surgical decision-making and technical proficiency in pelvic functional procedures.

### TARGET AUDIENCE:

Urology, Urogynecology and Female & Functional Urology



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## **DESCRIPTION:**

The total number of participants is limited to 30. Each participant will spend 45 minutes at each station to maximize hands-on experience and learning outcomes. Participants will have the opportunity to actively perform surgical procedures under the guidance of mentors. Groups will rotate between stations every 45 minutes.

There will be no scheduled breaks during the practical training; however, participants may take individual breaks as needed.

## **COURSE CONTENTS:**

Lectures & 3D physical simulators: Hands-on training with 3D printed patient specific CT-reconstructed models and cadaveric models

### COURSE PROGRAMME:

### 13 June 2025 - Friday (DAY 1)

#### 08:45 – 12:30 Session I: Theoretical and Video Part

*Coffee Break Policy: No scheduled coffee breaks are planned during the sessions; participants may enjoy available refreshments without interrupting the flow of the presentations.*

**Chairs: Sherif Mourad, Emre Huri**

08:45 - 09:10	Registration & Introduction & Welcome Notes - <i>Sherif Mourad, Emre Huri</i>
09:10 - 09:25	Comparative Anatomy of the Female and Male Pelvis and Perineum: Surgical Anatomy Perspective <i>Speaker: İlkan Tatar</i>
09:25 - 09:30	Discussion
09:30 - 09:45	Vaginal anti-incontinence procedures: Pubovaginal sling (autologous), TOT, TVT, single incision sling (SIS): Tips & Tricks with step-by step surgical anatomy <i>Speaker: İlker Selçuk</i>
09:45 - 09:50	Discussion
09:50 - 10:05	Vaginal prolapsus procedures: Traditional anterior/posterior colporrhaphy, sacrospinous ligament fixation: Tips & Tricks with step-by step surgical anatomy-complications of female pelvic surgeries <i>Speaker: Serdar Aydın</i>
10:05 - 10:10	Discussion
10:10 - 10:25	Botulinum toxin injection for OAB and bulking agent injection for SUI: Tips & Tricks with surgical steps (from A to Z) <i>Speaker: Mohamed Naga</i>
10:25 - 10:30	Discussion
10:30 - 10:45	Principles of repair of genitourinary fistulae: Cornerstones of Surgical Repair Gained Through Hundreds of Cases <i>Speaker: Sherif Mourad</i>
10:45 - 10:50	Discussion
10:50 - 11:05	Abdominal sacrocolpopexy, Burch colposuspension and major vessels-organ relations: Tips & Tricks with step-by step surgical anatomy <i>Speaker: Koray Gökem Saçınrı</i>
11:05 - 11:10	Discussion
11:10 - 11:25	Sacral neuromodulation: anatomic landmarks, tined lead placement and permanent implant- Tips & Tricks with step-by step surgical anatomy <i>Speaker: Emre Huri</i>
11:25 - 11:30	Discussion

11:30 - 11:45 Male anti-incontinence procedures: male sling, urethral reposition and Artificial Urinary Sphincter (AUS)- Tips & Tricks with step-by step surgical anatomy  
*Speaker: Rahmi Onur*

11:45 - 11:50 Discussion

11:50 - 12:05 Male urethroplasty (grafted- nongrafted solutions): Stepwise fundamental surgery and urethra surgical anatomy  
*Speaker: Fatih Yanaral*

12:05 - 12:10 Discussion

12:10 - 12:25 EuroSOMT Lecture: 3D Modeling, Surgical Planning, and Simulation in Functional Urology: The Future Approach  
*Speaker: Emre Huri*

12:25 - 12:30 Discussion

12:30 - 12:40 REZUM: How I do it ? Technical and anatomic features  
*Speaker: Sherif Mourad*

12:40 - 12:45 Discussion

**12.45 - 13.45 Lunch Break**

**13:45 - 17:25 Session II: Hands- On Training Part-1**

### Station 1

Learning Anatomic Landmarks in Pelvic- Perineal Region (Cadavers - Anatomic 3D Printed Models), (20 min.) (All groups)

*Instructor: Ural Verimli, İlker Selçuk*

### Station 2

Male Sling, Urethral Reposition and Artificial Urinary Sphincter (AUS) (Cadaver), (40 min.)

*Surgeons: Rahmi Onur, Mohamed Naga*

*Assistant: TBA*

### Station 3

Pubovaginal Slings (autologous), TOT, TVT, Single Incision Sling (SIS), Anterior/Posterior Colporrhaphy, Vesicovaginal Fistula, Sacrospinous Ligament Fixation (Cadaver), (40 min.)

*Surgeons: Koray Gökem Saçınıtı, Serdar Aydın, İlker Selçuk, Sherif Mourad*

*Assistant: TBA*

### Station 4

Sacral Neuromodulation (SNM) (Tined Lead Placement and Permanent Implant ) (Cadaver), (40 min.)

*Surgeons: Emre Huri, Fatih Yanaral, Senad Kalkan*

*Assistant: Medtronic staff*

### Station 5

Sacral Neuromodulation (SNM) (Tined Lead Placement and Permanent Implant ) (3D Printed Models), (40 min.)

Surgeons: *Senad Kalkan, Fatih Yanaral, Emre Huri*

Assistant: *Medtronic staff*

### Station 6

Minimal Invasive Prostate Surgery (Rezumi) (VR Simulator), (40 min.)

Surgeons: *Sherif Mourad, Mohamed Naga*

Assistant: *TBA*

## COURSE PROGRAMME:

### 14 June 2025 - Saturday (DAY 2)

09:00 - 09:30 Carry-Over Topics from the Previous Day and Q&A

09:30 - 15:00 Session III: Hands- On Training Part-2

### Station 5

Sacral Neuromodulation (SNM) (Tined Lead Placement and Permanent Implant ) (3D Printed Models) (on demand)

### Station 6

Minimal Invasive Prostate Surgery (Rezumi) (VR Simulator) (on demand)

Surgeon: *Sherif Mourad*

### Station 7

Bulking Agent and Botox Injection (Cadaver ) (60 min.)

Surgeons: *Sherif Mourad, Rahmi Onur*

### Station 8

Sacrocolpopexy, Burch Colposuspension (Cadaver) (60 min.)

Surgeons: *İlker Selçuk, Koray Gökem Saçınıtı, Serdar Aydın, Emre Huri*

### Station 9

Male Urethroplasty- Buccal Mucosal Graft, AUS (Cadaver) (60 min.)

Surgeons: *Fatih Yanaral, Mohamed Naga, Emre Huri*

15:00

Closing Remarks





**ORGANIZATION SECRETARIAT**

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