ICS

LHU SiNERG

SiNERG tv

ICS Institute School of Modern Technology

4th

FUNCTIONAL UROLOGIC SURGERY COURSE

WITH

3D PRINTED MODELS AND FRESH-FROZEN CADAVERS

9-10 July 2021 / Ankara

MEDICAL 3D PRINTING & SIMULATION

TOPICS

- Fine pelvic dissection in male/female
  (bladder, prostate, rectum, pelvic avascular spaces, ureter, autonomic nerves and vascular)
- Male urethral dissection, sling and
  AUS procedures in post-prostatectomy
- Urethral support in female pelvic floor
- Anatomic tips and tricks for sacrocolpopexy
- Anatomic tips and tricks for sacral neuromodulation

TARGET POPULATION FOR THE COURSE

- Urologists
- Gynecologists
- Urogynecologists
- Reconstructive Pelvic Floor Surgeons

COURSE MENTORS

Sherif Mourad
MD , Professor of Urology
Ain Shams University, Cairo, Egypt
ICS Past-General Secretary

David Castro Diaz
MD , Professor of Urology
Universidad de La Laguna. Hospital Universitario de Canarias. Spain
ICS General Secretary

Emre Huri
MD-PhD, Professor of Urology
Hacettepe University, Faculty of Medicine, Urology Department
Director- ICS School of Modern Technology

Alex Digesu
MD, PhD Consultant in Obstetrics & Gynaecology
Member, ICS Education Committee Member
Urogynaecology Subspecialist

Venue:
LHU Simulation and Innovation Center

Contact: info@eraorganization.org

ICS Institute School of Modern Technology

4th FUNCTIONAL UROLOGIC SURGERY COURSE WITH 3D PRINTED MODELS AND FRESH-FROZEN CADAVERS

ADVANCED MASTERCLASS ON ANATOMY AND SURGERY USING 3D-PRINTED MODELS AND FRESH-FROZEN CADAVERS

In Collaboration with ICS Institute School of Modern Technology

9-10 July 2021 / ANKARA

Course Directors and Trainers:
Alex DIGESU, MD-PhD, Urogynecology Subspecialist
David Castro DIAZ, MD-PhD, FEBU, FRCS, Professor of Urology
Emre HURİ, MD-PhD, FEBU, Urologist-Anatomist, Associate Professor of Urology
Sherif MOURAD, MD-PhD, Professor of Urology

Anatomy Supervisor:
İlkan TATAR, MD-PhD, Professor of Anatomy, Hacettepe University

Faculty:
Alex DIGESU, MD-PhD, Urogynecology Subspecialist
David Castro DIAZ, MD-PhD, FEBU, FRCS, Professor of Urology
Mehmet EZER, MD, Assistant Professor of Urology Kafkas University
Emre HURİ, MD-PhD, FEBU, Urologist-Anatomist, Professor of Urology
Sherif MOURAD, MD-PhD, Professor of Urology
İlker SELCUK, MD- PhD, Associate Professor of Gynecology, Ankara City Hospital,
İlkan TATAR, MD-PhD, Professor of Anatomy, Hacettepe University
Ali Ersin ZÜMRÜTBAŞ, MD, Professor of Urology, Pamukkale University

Course Overwiew/Scope:
Learning and teaching activities of surgical procedures on female and male pelvic anatomic/functional pathologies, techniqual tips and tricks, usage of technologic tools, anatomic pelvic dissection and pelvic organ identifications, materials for surgery, complications and problem solving, 3D printed models and interactive discussions

Aims and topics:
In male/female pelvic region:
• Detailed pelvic anatomic dissection with endo-assisted camera/head-mounted camera
• Male urethral dissection, reconstructive procedures, sling and AUS implantation
• Female urethral support surgery and vaginal dissection based on anterior-posterior part
• Tips and tricks of prolapse surgery (Sacrocolpopexy, Sacrohysteropexy, Sacrospinous ligament fixation, native tissue vaginal prolapse repair)
• Tips and tricks of SNS (Sacral Neuromodulation)-anatomy based training for beginners

All activities (theoretical, practical/hands-on training, surgical videos) will provide high-level fundamental scientific background on pelvic functional surgery to the urologists/urogynecologists who are interested in this field.

Target Group
Urologists
Gynecologists
Urogynecologists
Recontructive pelvic floor surgeons

Participants: Unlimited (on-line)
Endorsement: In collaboration with ICS Institute – School of Modern Technology
Financial Situation: In this course, there will be no advertisement of specific products, the products only used for academic aims in cadaveric surgeries. Course designed as non-profit status.
Intellectual Outcomes: All dissections and surgical procedures on cadavers will be recorded for ICS TV as educational material and training activity of School of Modern Technology. The evaluation forms will be filled by participants at the end of the course.
Discussion:
- Follow the live course at SİNERG TV
- Easy online payment via info@eraorganization.org
- Easy registration with name-surname and e-mail address required.
- Attend interactively; share your questions and comments live.

PROGRAMME / 9 July 2021, Friday

09.00-09.30 Registration and Opening Ceremony - Emre HURİ, David Castro DIAZ

I. Theoretical/Audio-visual Session: Female Pelvic Part (180 minutes)

Moderator: David Castro-DIAZ

09:30 - 09:50 Urogynecologic pelvic anatomy in female - İlkan TATAR

09:50 - 10:10 Detailed surgical pelvic and perineal anatomy in female case: from skin to pelvis - Ilker SELCUK

10.10 - 10.30 Anti-incontinence surgery: step by step TOT procedure - Sherif MOURAD

10.30 - 10.50 Single incision sling: strengths and weakness - David Castro DIAZ

10.50 - 11.10 Surgical anatomy of obturator fossa, sacral promontory and ischial spine - Alex DIGESU

11.10 - 11.30 Discussion and Break

Moderator: Alex DIGESU

11.30 - 11.50 Novel materials and technologic tools: Bulking agents and botox applications - Sherif MOURAD

11.50 - 12.10 Sacral neurostimulation for beginners: step by step procedure - Alex DIGESU

12.10 - 12.30 Newborn technology: 3D Surgical planning in functional urologic surgery and sacral neurostimulation - Emre HURİ

12.30 - 12.50 Anatomic dissections in vesicovaginal fistula repair: tips and tricks with or without flap - Sherif MOURAD

12.50 - 13.50 Discussion and Break

Moderator: Emre HURİ - Sherif MOURAD

II. Theoretical/Audio-visual Session: Male Pelvic Part (160 minutes)

13.50 - 14.10 Surgical pelvic and perineal anatomy in male case: from skin to pelvis – İlkan TATAR

14.10 - 14.30 Anti-incontinence surgery: retropubic sling approach and urethral reposition - Sherif MOURAD

14.30 - 14.50 Anti-incontinence surgery: transobturator sling approach and adjustment of urethral support - Emre HURİ

14.50 - 15.10 Step by step urethroplasty for iatrogenic and traumatic urethral strictures - Ali Ersin ZÜMRÜTBAŞ

15.10 - 15.30 AUS implantation: anatomic and technically tips and tricks- David Castro DIAZ

15.30 - 15.50 Post-prostatectomy incontinence and anti-cholinergic therapy: management in 2021 - Emre HURİ

15.50 - 16.10 Management of non-neurogenic male LUTS(BPH): review of the last 5-year literature - Mehmet EZER

16:10-16:30 Challenge Discussion on PPI, SNS and Urethroplasty (each speaker will ask one question to the other speakers!)

10 July 2021, Saturday

Hands-on Cadaveric Training and Practice with 3D Models (330 minutes):

09.30-12.30 Cadaveric Dissection

Moderator: İlkan TATAR

09:30- 10:30 (Male Cadaveric Dissection and Discussion)

Emre HURİ, Ali Ersin ZÜMRÜTBAŞ, David Castro DIAZ and Sherif MOURAD

10.30-11.30 (Female Cadaveric Dissection and Discussion) İlker SELÇUK and Alex DIGESU

11.30-12.30 (3D Printed Pelvic Model and Physical Dissection Part) Mehmet EZER, İlker SELÇUK

AIM

• Surgical anatomy-based dissection on fresh-frozen cadavers

• Anatomic landmarks and relevant important structures

• All participants will gain experience on pelvic-perineal surgical anatomy with senior directed self-dissections on fresh-frozen cadavers

• 3D Printed female pelvic model for surgical anatomy and surgical procedures

Male/Female Anatomy (Pelvis, pelvic floor and perineal anatomy)

Urogenital organs Bladder, urethra, Prostate Endopelvic fascia Uterus, ovary, uterine tube Ligaments	Retroperitoneal anatomy Major vessels Ureter Obturator fossa and foramen Pelvic somatic and autonomic nerves

Surgical Procedures

• Anti-incontinence surgery
• Retropubic and trans-obturator approaches
Transvaginal tape and transobturator tape procedures (TVT, TOT)
• Mini-slings
• Adjustable male sling
• Urethral reposition
• Urethroplasty
• AUS implantation
• Anterior/Posterior vaginal tissue dissection
• Vesico-vaginal fistula repairment
• TVT and TOT procedures on 3D Printed pelvic model simulation based surgical training
• MedicaUROSIM Simulator (Botox injection and cystoscopy) (on demand virtual)