LOKMAN HEKİM UNIVERSITY

ICS

surgical tv

ICS Institute School of Modern Technology

3rd

FUNCTIONAL UROLOGIC SURGERY COURSE

WITH

3D PRINTED MODELS AND FRESH-FROZEN CADAVERS

5-6 November 2020 / 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, Associate 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

3rd 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

5-6 November 2020 / 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, Hacettepe University, Faculty of Medicine, Department of Anatomy

Anatomy Trainers:
İlker SELCUK, Ankara City Hospital, Department of Gynecologic Oncology
Mehmet EZER, Kafkas University, Faculty of Medicine, Department of Urology
Batuhan AYDOĞAN, İstanbul Memorial Hospital, Department of Urology
Ardalan GHAFOURİ, Hamad Medical Corporation, Department of Urology

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 www.surgical.tv
-Easy online payment at www.surgical.tv
-Easy registration with name-surname and e-mail address required.
-Attend interactively; share your questions and comments live.

PROGRAMME / 5 November 2020, Thursday

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

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

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 Pain after continence surgery: approach to painful patient - Alex DIGESU

10.50 - 11.10 Single incision sling: strengths and weakness - David Castro DIAZ

11.10 - 11.30 Break

11.30 - 11.50 Functional urotechnology: Simulation and Gamification- Emre HURİ

11.50 - 12.10 Novel materials and technologic tools: Bulking agents and botox applications - Sherif MOURAD

12.10 - 12.30 Surgical anatomy of obturator fossa, sacral promontory and ischial spine - Alex DIGESU

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

12.50 - 13.50 Break

II. Theoretical/Audio-visual Session: Male Pelvic Part (140 minutes)

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

İlkan TATAR

14.10 - 14.30 Post-prostatectomy incontinence and anti-cholinergic therapy: anatomic and pathophysiologic reasons - Emre HURİ

14.30 - 14.50 Anti-incontinence surgery: retropubic sling approach and urethral reposition - Sherif MOURAD

14.50 - 15.10 Break

15.10 - 15.30 Anti-incontinence surgery: transobturator sling approach and adjustment of

urethral support- Emre HURİ

15.30 - 15.50 AUS implantation: anatomic and techniqual tips and trick-

David Castro DIAZ

15.50 - 16.10 Neuromodulation for beginners - Alex DIGESU

16.10 - 16.30 Surgical Case Discussion based-on Pre- Recorded Cadaveric Dissection: Ardalan GHAFOURİ, Mehmet EZER, Batuhan AYDOĞAN, İlker SELÇUK

6 November 2020, Friday

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

09.30-12.30 Dissection

Cadaveric Dissection Supervisors and Trainers

Sherif MOURAD	İlkan TATAR	İlker SELÇUK
Emre HURİ		Ardalan GHAFOURİ
David Castro DIAZ		Mehmet EZER
Alex DİGESU		Batuhan AYDOĞAN

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
- AUS implantation
- Anterior/Posterior vaginal tissue dissection
- Vesico-vaginal fistula repairment
- TVT and TOT procedures on 3D Printed pelvic model
  Simulation based surgical training
- TUR-Prostat Simulator
- TUR-Bladder Simulator