

INTERNATIONAL SCHOOL OF UROLOGIC SURGERY (ISUS)
Cadaveric Research on Functional Urology Working Group (CRFU-WG)

Pelvic Reconstructive and Functional Urology Surgery:

“Advanced Masterclass on Anatomy and Surgery using Fresh-Frozen Cadaver”

22-23 April 2017- İstanbul

Research Topic: Medical Training 3D Modeling and Simulation (MedTRain3DModsim) in Functional Urology

Course Venue: *Bahçeşehir University, Faculty of Medicine, Prof. Rhoton Anatomy Lab.*

Course Directors and Trainers:

Alex DIGESU, MD-PhD, Urogynaecology Subspecialist

Emre HURİ, MD-PhD, FEBU, Urologist-Anatomist, Associate Professor of Urology

Ervin KOCJANCIC, Urologist-Functional Urologist, Professor of Urology

Anatomy Supervisor and Trainer:

İlkan TATAR, MD, Anatomist, Associate Professor of Anatomy

Course Overview/Scope:

This practical hands on course on anatomy and surgery using fresh frozen cadavers will contribute to spread the ICS voice, brand in Turkey and will reflect the educational role of ICS of educating all healthcare providers interested in this field. The course will cover both *Anatomy and surgical procedures on female and male pelvis. It will use 3D modelling and simulation, videopresentations of different surgical procedures, prosections 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 prolapse repair*
- *Tips and tricks of prolapse surgery (Sacrocolpopexy, Sacrohysteropexy, Sacrospinous ligament fixation, native tissue vaginal prolapse repair)*
- *Tips and tricks of SNS (Sacral Neuromodulation)*

All activities (theoretical, practical/hands-on training, surgical videopresentations) will provide high-all healthcare providers who are interested in this field.

Target Group

Urologists

Gynecologists

Urogynecologists

Pelvic floor surgeons

Colorectal surgeons

Other healthcare providers interested in this field

Participants : 25-30

Endorsement

Course will apply for ICS Endorsement

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.*

PROGRAMME

22 April 2017, Saturday

09:00-09:30 (Registration and Opening Ceremony) (E HURİ, E KOCJANCIC A DIGESU)

I. Theoretical/Audio-visual Session: Female Pelvic Part (210 minutes)

09:30- 09:50 Clinical urogynecologic pelvic anatomy in female (obturator fossa, retroperitoneum, ischial spine and sacrospinous ligament, retzius space) (İ TATAR)

09:50- 10:10 Anti-incontinence surgery: retropubic, transobturator sling, Burch. Surgical anatomy and cadaveric fine dissection (E HURİ)

10:10-10:30 Anti-incontinence surgery: outcomes and complications. A summary of the published RCTs (A DIGESU)

10:30- 10:50 Anti-incontinence surgery: mini-slings, autologous fascial slings, bulking agent,(E KOCJANCIC)

10:50-11:05 *Coffee Break*

11:05- 11:25 Cystocele – anatomic deficiency of anterior vaginal compartment case approach (ATFP and ATLA) (E HURİ)

11:25-11:45 Rectocele – surgical repair using native tissue and vaginal plication (videopresentation of the surgical technique) (A DIGESU)

11:45- 12:05 Prolapse of the apical compartment - Tips and trick of the surgical repair (sacrocolpopexy, sacrohysteropexy, sacrospinous ligament fixation) (A DIGESU)

12:05- 12:25 Anatomic dissections in vesicovaginal fistula repair: tips and tricks with or without flap (E KOCJANCIC)

12:25- 13:00 Interactive Session: Case Discussion with Live Challenge Cases (E HURİ- S BAYRAMOVIC- E KOCJANCIC)-

13:00-14:00 **Lunch**

II. Theoretical/Audio-visual Session: Male Pelvic Part (180 minutes)

14:00- 14:20 Detailed surgical pelvic and perineal anatomy in male case: from skin to pelvis (İ TATAR)

14:20- 14:40 Post-prostatectomy incontinence and anti-cholinergic therapy: anatomic and pathophysiologic reasons (E HURİ)

14:40- 15:00 Anti-incontinence surgery: retropubic sling approach and urethral reposition (E KOCJANCIC)

15:00- 15:20 Anti-incontinence surgery: transobturator sling approach and adjustment of urethral support (E HURİ)

15:20-15:40 AUS implantation: anatomic and technical tips and tricks (E KOCJANCIC)

15:40- 16:00 Neuromodulation - (tibial nerve stimulation, sacral nerve stimulation and the new wireless tibial nerve neuromodulation - anatomical dissection and surgical procedure) (A DIGESU)

16:00- 17:00 Interactive Session: Case Discussion with Live Challenge Cases (A DIGESU- S BAYRAMOVIC- E KOCJANCIC)

19:00 *Course Dinner*

23 April 2017, Sunday

09:30- 15:30

II. Hands-on Cadaveric Training Part (300 minutes) :

Training Plan:

- Basic anatomy training: pelvic floor, female genital organs, male urogenital organs, bladder, urethra, fascial layers, ligaments (BL) (I TATAR, E HURİ, S BAYRAMOVIC)
- Perineal anatomy (BL) (A DIGESU, E KOCJANCIC)
- Anti-incontinence surgeries: retropubic and transobturator approaches, mini-slings male urethral fine dissections, anterior/posterior vaginal tissue dissection (BL) (E HURİ, A DİGESU, E KOCJANCIC)
- Apical prolapses surgery (AL) (A DIGESU, E KOCJANCIC)
- AUS implantation (AL) (E KOCJANCIC)
- Sacral neuromodulation: anatomic landmarks (AL) (E HURİ, A DIGESU)

BL: before lunch AL: after lunch

12:30-13:30 ***Lunch***

15.30-16.00 Course evaluation and Discussion (E KOCJANCIC-E HURİ-A DIGESU)

16.00-16.30 Closing remarks and certification

Course Training Report

	Duration (min)	Session Number
Theoretical Part	295	2
Video-Interactive Part	50	2
Hands-On Training	300	2
Discussion	45	2
Toplam	690	8