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European Symposium on Urogenital Radiology
September 19 – 22, 2013 Istanbul – TURKEY

ESUR 2013

PROSTATE ULTRASOUND AND BIOPSY COURSE

September 18 – 19, 2013
Harbiye Museum & Cultural Centre - Istanbul

US Overlay

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PROSTATE ULTRASOUND AND BIOPSY COURSE

September 18 – 19, 2013 - Harbiye Museum & Cultural Centre - Istanbul

Course Chair

Ahmet Tuncay Turgut (TR)

Faculty

Alparslan Ünsal (TR)
Artur Salmaslıoğlu (TR)
Bob Djavan (A)
Can Özbek (TR)
Christof Kastener (UK)
Derya Balbay (TR)
Dilek Ertoy Baydar (TR)

Emre Huri (TR)
Ferdinand Frauscher (AU)
Francois Cornud (FR)
Hashim Uddin Ahmed (UK)
İsmail Mihmanlı (TR)
Jonathan Richenberg (UK)
Levent Özdal (TR)
Lutfi Kurban (UK)

Mahyar Ghaafori (IR)
Neil Wasserman (USA)
Oleg Zhukov (RUS)
Pavlos Zoumpoulis (GR)
Sadhna Verma (USA)
Sibel Gündes (TR)
Tim Lerner (UK)
Uğur Selek (TR)

SEPTEMBER 18, 2013

8:25 - 8:30: Introduction (**Ahmet Tuncay Turgut**)

8:30 - 9:30: Anatomy and basic concepts

- Surgical prostate anatomy (**Emre Huri**) (20 min)
- Diagnosis of prostate cancer: whom to biopsy? (**Levent Özdal**) (20 min)
- Ultrasound physics, scanning techniques and ultrasonographic anatomy of the prostate gland (**Francois Cornud**) (20 min)

09:30 - 10:00: **Coffee Break**

10:00-11:30: Conventional TRUS of prostatic disorders

- Sonographic evaluation of BPH and LUTS (**Alparslan Ünsal**) (20 min)
- Prostatitis and prostate abscess (**Neil Wasserman**) (20 min)
- Role of TRUS in the management of patient with infertility (**İsmail Mihmanlı**) (25 min)
- Prostate cancer: Conventional TRUS findings (**Pavlos Zoumpoulis**) (25 min)

11:30 - 11:40: **Coffee Break**

11:40 - 12:30: Advanced TRUS imaging techniques-I

- 3-D TRUS of prostate gland (**Ferdinand Frauscher**) (20 min)
- Echocontrast TRUS imaging of prostate cancer (**Ferdinand Frauscher**) (20 min)

12:30-13:30: Lunch Symposium (Tbc)

13:30 - 14:30: Advanced TRUS imaging techniques-II

- Elastography of the prostate (**Ferdinand Frauscher**) (20 min)
- Elastography of the prostate- challenging cases (**Pavlos Zoumpoulis**)

14:30 - 14:40: **Coffee Break**

14:40 - 16:20: TRUS-guided prostate biopsy

- Equipment, tools and patient preparation (**Jonathan Richenberg**) (20 min)
- Technique (**Hashim Uddin Ahmed**) (20 min)
- Morbidity (**Artur Salmaslıoğlu**) (20 min)
- Infectious complications: how to avoid? (**Sibel Gündes**) (20 min)
- Anaesthesia and pain control techniques (**Can Öbek**) (20 min)

16:20 - 16:40: **Coffee Break**

16:40 - 17:20: Diagnostic algorithm and histopathological evaluation of prostate biopsy materials

- Pathological evaluation of prostate biopsy material, Histology and Gleason explanation (**Dilek Ertoy Baydar**) (20 min)
- How does histopathological evaluation of biopsy specimen effect the diagnosis, treatment and survey of prostate cancer patients? (**Derya Balbay**) (20 min)

SEPTEMBER 19, 2013

8:30 - 10:00: TRUS guided prostate biopsy: special focus points

- Template biopsy (**Christof Kastner**) (20 min)
- Transperineal biopsy in the patient without a rectum (**Neil Wasserman**) (20 min)
- Indications for prostate rebiopsies-Rebiopsy and saturation biopsy protocols (**Bob Djavan**) (20 min)
- Role of TRUS in the management of post-prostatectomy patient (**Mahyar Ghaafori**) (20 min)

10:00 - 10:30: Coffee Break

10:30-12:30: Advanced TRUS-Guided Prostate Interventions

- Elastography and TRUS-guided biopsy (Oleg Zhukov) (15 min)
- MR-TRUS Fusion Biopsies-1 (**Sadhna Verma**) (25 min)
- MR-TRUS Fusion Biopsies-2 (**Lutfi Kurban**) (25 min)
- HIFU (Tim Lerner) (30 min)
- US guided transperineal brachytherapy for early stage prostate cancer (**Uğur Selek**) (20 min)

12:30 - 12:45: Coffee Break

12:45-13:00: Challenging cases-1 (**Bob Djavan**) (15 min)

13:00-13:15: Challenging cases-2 (**Francois Cornud**) (15 min)

13:15-13:30: Summary and Discussion

The attendees will be able to participate in US scanning and biopsy procedures on prostate phantoms under the supervision of experienced professionals.