

Robots, video technology and smart instruments

Meeting of the EAU Section of Uro-Technology (ESUT), in cooperation with the EAU Robotic Urology Section (ERUS) and the EAU Section of Urolithiasis (EULIS)

Saturday, 12 March
11:00 - 17:30

Location: eURO Auditorium (Hall C1, Level 0)

Chair: J. Rassweiler, Heilbronn (DE)

Aims and objectives of this presentation

Following a more than 10-year tradition of Live-surgery sessions, the EAU-section of Uro-Technology (ESUT) presents an ambitious programme focussing on novel techniques in percutaneous, endourological, laparoscopic, and robotic-assisted procedures. This year, with "Robots, video technology and smart instruments" we want to focus on novel technology improving the performance of video-assisted surgery and diagnostics in all fields of Endourology. This session is conducted in collaboration with the EAU Robotic Urology Section (ERUS) and the EAU Section of Urolithiasis (EULIS). In the laparoscopic and robot-assisted cases, we will focus on the developments of imaging (3D-HD, iso-cynine-green) as well as new instruments and devices (laser) improving the ergonomics of laparoscopy and endourology. The latest digital developments for flexible endoscopy of the upper urinary tract for diagnosis and treatment of tumours and calculi are demonstrated.

ESUT-faculty consists of internationally well-known experts serving as surgeons and moderators. The different surgical procedures will be transmitted from Klinikum Rechts der Isar Technical University Munich (Chairman: Prof. Dr. J. Gschwend) in high-definition and 3D-quality. Some of the robot-assisted procedures are transmitted also from Klinikum Grosshadern University of Munich (Chairman: Prof. Dr. C. Stief). A split-screen will allow the delegates to follow the uncommented procedures. Traditionally, the format of ESUT-Live Surgery will allow all delegates to directly communicate with the surgeons to ask questions and to discuss every aspect of the procedure. Moreover, the ESUT session will be available on-line.

11:00 - 17:30

Live broadcasts from Klinikum 'Rechts der Isar' and Klinikum 'Grosshadern', Munich (DE)

11:00 - 17:30

Coordinators at Klinikum 'Rechts der Isar', Munich (DE)

C-C. Abbou, Vincennes (FR)

A. Bachmann, Basel (CH)

M. Straub, Munich (DE)

Coordinator at Klinikum 'Grosshadern', Munich (DE)

C. Gratzke, Munich (DE)

11:00 - 17:30

Coordinators at eURO Auditorium

T. Frede, Müllheim (DE)

E. Liatsikos, Filothei, Athens (GR)

R. Muschter, Rotenburg (DE)

11:00 - 11:05

Welcome and introduction

J. Rassweiler, Heilbronn (DE)

11:05 - 11:10

Ethics of live surgery: Cases from last year

M.I. Galante Romo, Madrid (ES)

11:10 - 13:05

Live surgery: Part I

Moderators: T. Knoll, Sindelfingen (DE)
M.P. Laguna, Amsterdam (NL)
R.F. Van Velthoven, Brussels (BE)
N.P. Wiklund, Stockholm (SE)

11:10 - 11:35

3D-HD: Laparoscopic partial nephrectomy with flexible telescope

A. Alcaraz, Barcelona (ES)

11:35 - 12:00

Robotic partial nephrectomy: With isocyanine green using Da Vinci XI

H.R. Kübler, Würzburg (DE)

12:00 - 12:25

Robotic partial nephrectomy: Extraperitoneal access using Da Vinci SI

J. Porter, Seattle (US)

12:25 - 12:45

SPIES-assisted RIRS for diagnosis of upper tract TCC

A. Breda, Barcelona (ES)

12:45 - 13:05

NBI-assisted RIRS for diagnosis of upper tract TCC

M. Brehmer, Aarhus N (DK)

13:05 - 15:15

Live surgery: Part II

Moderators: E. Barret, Paris (FR)
A.J. Gross, Hamburg (DE)
F. Montorsi, Milan (IT)
A. Skolarikos, Athens (GR)

13:05 - 13:45

Flexible URS (FURS) using digital Cobra (pre-recorded)

M. Straub, Munich (DE)
J. Rassweiler, Heilbronn (DE)
R. Saglam, Ankara (TR)

13:45 - 14:05

Green light laser enucleation of the prostate (pre-recorded)

F. Gomez Sancha, Madrid (ES)

14:05 - 14:30

3D-laparoscopic extraperitoneal radical prostatectomy

J-U. Stolzenburg, Leipzig (DE)

14:30 - 14:50

Bipolar enucleation of prostate (pre-recorded)

T.R.W. Herrmann, Hanover (DE)

14:50 - 15:15

Robotic nerve-sparing radical prostatectomy using Da Vinci XI

S. Siemer, Homburg (DE)

15:15 - 17:25

Live surgery: Part III

Moderators: M. Burchardt, Greifswald (DE)
M.S. Michel, Mannheim (DE)
C-H. Rochat, Geneva (CH)
C.M. Scoffone, Torino (IT)

15:15 - 15:35

Combined management (supine PCNL plus FURS) of a renal stone using digital endoscopic technology (pre-recorded)

P.J.S. Osther, Fredericia (DK)
S.S. Osther, Fredericia (DK)
O. Traxer, Paris (FR)

15:35 - 15:55

MIP-L: A new concept of PCNL
U. Nagele, Hall in Tirol (AT)

15:55 - 16:20

Robotic nerve-sparing radical prostatectomy using Da Vinci XI
B. Rocco, Milan (IT)

16:20 - 16:45

Laparoscopic radical prostatectomy using new technology
C. Schwentner, Stuttgart (DE)

16:45 - 17:05

BipolarTUR-B with PDD
J.E. Gschwend, München (DE)

17:05 - 17:25

NBI-assisted en-bloc TURis B
B. Malavaud, Toulouse (FR)

17:25 - 17:30

Conclusion
J. Rassweiler, Heilbronn (DE)