**New technologies: Robotic and laparoscopic surgery**

Poster Session 83

**Monday, 14 March**
14:00 - 15:30

**Location:** Room London (Hall B2, level 0)

**Chairs:**
- U. Nagele, Hall in Tirol (AT)
- P. Chlosta, Cracow (PL)

**Aims and objectives of this presentation**
Several new approaches and techniques will be presented: new Alf-X robot, laparoscopic stapler, SITUS pyeloplasty and description of NOTES in urology.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion. Extended presentations (+) are 3 minutes in length, followed by 3 minutes for discussion.

**1054**
**Validation of the European Association of Urology robotic training curriculum: Pilot study III**
By: Novara G.¹, Gandaglia G.¹, Ahmed K.², Dasgupta P.², Van Der Poel H.³, Mottrie A.¹

Institutes: ¹OLV Vattikuti Robotic Surgery Institute, ORSI, Melle, Belgium, ²MRC Centre for Transplantation, Kings College London, Guy's Hospital, Dept. of Urology, London, United Kingdom, ³The Netherlands Cancer Institute, Dept. of Urology, Amsterdam, The Netherlands

**1055**
**Robot-assisted laparoscopic partial nephrectomy with Alf–X Robot on pig model**
By: Bozzini G.¹, Seveso M.¹, Mandressi A.¹, Buffi N.², Lughezzani G.², Guazzoni G.², Taverna G.¹

Institutes: ¹Humanitas Mater Domini, Dept. of Urology, Castellanza, Italy, ²Humanitas Research Hospital, Dept. of Urology, Rozzano, Italy

**1056**
**Can maneuverability in the robot assisted laparoscopic stapler compensate for shorter stapler length?**
By: Kingo P.S.¹, Lam G.W.², Jensen J.B.¹

Institutes: ¹Aarhus University Hospital, Dept. of Urology, Aarhus, Denmark, ²Herlev University Hospital, Dept. of Urology, Herlev, Denmark

**1057**
**Laparoscopic single-incision triangulated umbilical surgery (SITUS) pyeloplasty: A description of our first 30 cases**
By: Schachtner J.R., Habicher M., Tokas T., Nagele U.

Institutes: Hall in Tirol General Hospital, Dept. of Urology, Hall in Tirol, Austria

**1058**
**Transvaginal natural orifice transluminal endoscopic surgery (NOTES) in urology: Report of 261 cases in a single center**

Institutes: First Affiliated Hospital of Gannan Medical University, Dept. of Urology, Ganzhou, China

**1059**
**Indocyanine green fluorescence-guided sentinel lymph node (SLN) identification is an emerging and promising technique. Accurate staging of urologic cancer is enhanced by a thorough evaluation of the sentinel lymph nodes.**
By: Aoun F., Albisinni S., Biaou I., Zanaty M., Van Velthoven R.

Institutes: Institut Jules Bordet, Dept. of Urology, Brussels, Belgium

**1060**
**Magnetic resonance sentinel lymph node imaging in prostate cancer using intraprostatic injection of superparamagnetic iron oxide nanoparticles: The first in-human results**
By: Winter A.¹, Kowald T.², Paulo T.², Goos P.¹, Engels S.¹, Gerullis H.¹, Chavan A.², Wawroschek F.¹

Institutes: ¹Carl Von Ossietzky University Oldenburg, School of Medicine and Health Sciences, Klinikum Oldenburg, University Hospital For Urology, Oldenburg, Germany, ²Klinikum Oldenburg,
Activated carbon fiber filter could reduce the risk of surgical smoke exposure during the laparoscopic surgery
By: Choi S.H.¹, Chung J-W.¹, Lee J.N.¹, Ha Y-S.¹, Kim B.S.¹, Kim H.T.¹, Kim T-H.¹, Yoo E.S.¹, Kwon T.G.¹, Chung S.K.¹, Kim B.W.¹, Cho D-H.², Kim J.S.³
Institutes: Kyungpook University Hospital, Dept. of Urology, Daegu, South Korea, CHA Gumi Medical Center, Dept. of Urology, Gumi-Si, South Korea, Daegu Fatima Hospital, Dept. of Urology, Daegu, South Korea

Does 3D technology affect visual system?
By: Benedetto G¹, Nigro F.¹, Bartolomei L.², Pisani S.³, Minicucci N.⁴, Tasca A.¹
Institutes: Sant Bortolo Hospital, Dept. of Urology, Vicenza, Italy, Sant Bortolo Hospital, Dept. of Neurology, Vicenza, Italy, Optical Optometrist, Milan, Italy, Neuroscience Institute, Dept. of CNR, Padua, Italy

Renal and adrenal mini-laparoscopy: A prospective multicentric study
By: Breda A.⁷, Territo A.¹, Schwartzmann I.¹, Castellan P.¹, Freitas Rui A.¹, Álvarez Osorio J.L.², Amón-Sesmero J.H.², Bellido J.A.³, Ramos E.³, Rengifo D.⁶, Peña J.A.¹, Villavicencio H.⁷
Institutes: Universitat Autònoma de Barcelona - Fundació Puigvert, Dept. of Urology, Barcelona, Spain, Hospital Puerta Del Mar, Dept. of Urology, Cádiz, Spain, Hospital Rio Hortega, Dept. of Urology, Valladolid, Spain, Hospital General De Vic, Dept. of Urology, Vic, Spain, Hospital Universitario Marquès De Valdecilla, Dept. of Urology, Santander, Spain, Hospital Universitario Puerta De Hierro Majadahonda, Dept. of Urology, Madrid, Spain, Universitat Autònoma De Barcelona - Fundació Puigvert, Dept. of Urology, Barcelona, Spain