New technologies: Robotic and laparoscopic surgery

**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.1, 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**
**By:** Zou X., Zhang G., Xiao R., Yuan Y., Wu G., Wang X.
**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.1, 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,
**Poster Session 83**

Dept. of Diagnostic and Interventional Radiology, Oldenburg, Germany

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**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, ²CHA Gumi Medical Center, Dept. of Urology, Gumi-Si, South Korea, ³Daegu Fatima Hospital, Dept. of Urology, Daegu, South Korea

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**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:** ¹Sant Bortolo Hospital, Dept. of Urology, Vicenza, Italy, ²Sant Bortolo Hospital, Dept. of Neurology, Vicenza, Italy, ³Optical Optometrist, Milan, Italy, ⁴Neuroscience Institute, Dept. of CNR, Padua, Italy

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**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.⁵, Rengifo D.⁶, Peña J.A.¹, Villavicencio H.⁷  
**Institutes:** ¹Universitat Autònoma de Barcelona - Fundació Puigvert, Dept. of Urology, Barcelona, Spain, ²Hospital Puerta Del Mar, Dept. of Urology, Cádiz, Spain, ³Hospital Rio Hortega, Dept. of Urology, Valladolid, Spain, ⁴Hospital General De Vic, Dept. of Urology, Vic, Spain, ⁵Hospital Universitario Marqués De Valdecilla, Dept. of Urology, Santander, Spain, ⁶Hospital Universitario Puerta De Hierro Majadahonda, Dept. of Urology, Madrid, Spain, ⁷Universitat Autònoma De Barcelona - Fundació Puigvert, Dept. of Urology, Barcelona, Spain