**New technologies: Robotic and laparoscopic surgery**

**Poster Session 83**

**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.

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**Validation of the European Association of Urology robotic training curriculum: Pilot study III**

*1054*

By: Novara G.1, Gandaglia G.1, Ahmed K.2, Dasgupta P.2, Van Der Poel H.3, Mottrie A.1

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

**Robot-assisted laparoscopic partial nephrectomy with Alf–X Robot on pig model**

*1055*

By: Bozzini G.1, Seveso M.1, Mandressi A.1, Buffi N.2, Lughezzani G.2, Guazzoni G.2, Taverna G.1

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

**Can maneuverability in the robot assisted laparoscopic stapler compensate for shorter stapler length?**

*1056*

By: Kingo P.S.1, Lam G.W.2, Jensen J.B.1

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

**Laparoscopic single-incision triangulated umbilical surgery (SITUS) pyeloplasty: A description of our first 30 cases**

*1057*

By: Schachtner J.R., Habicher M., Tokas T., Nagele U.

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

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

*1058*


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

**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.**

*1059*

By: Aoun F., Albisinni S., Biaou I., Zanaty M., Van Velthoven R.

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

**Magnetic resonance sentinel lymph node imaging in prostate cancer using intraprostatic injection of superparamagnetic iron oxide nanoparticles: The first in-human results**

*1060*

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:  
1. Carl Von Ossietzky University Oldenburg, School of Medicine and Health Sciences, Klinikum Oldenburg, University Hospital For Urology, Oldenburg, Germany, 2Klinikum Oldenburg,
*1061

**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

*1062

**Does 3D technology affect visual system?**

By: Benedetto G.,1 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

*1063

**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.,4 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