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.

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**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, King’s College London, Guy’s Hospital, Dept. of Urology, London, United Kingdom, ³The Netherlands Cancer Institute, Dept. of Urology, Amsterdam, The Netherlands

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**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

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**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

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**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

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**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

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**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

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**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, Germany
**Poster Session 83**

Dept. of Diagnostic and Interventional Radiology, Oldenburg, Germany

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**1061**

**Activated carbon fiber filter could reduce the risk of surgical smoke exposure during the laparoscopic surgery**


**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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**1062**

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

*b*Benedetto G.*, ¹Nigro F.*, ¹Bartolomei L.*, ³Pisani S.*, ³Minicucci N.*, ³Tasca A.*

**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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**1063**

**Renal and adrenal mini-laparoscopy: A prospective multicentric study**


**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