**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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**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:* Carl 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

**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, \(^2\)CHA Gumi Medical Center, Dept. of Urology, Gumi-Si, South Korea, \(^3\)Daegu 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.\(^1\)

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**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.\(^5\), Ramos E.\(^5\), Rengifo D.\(^6\), Peña J.A.\(^1\), Villavicencio H.\(^7\)

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