New technologies in incontinence and laser

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

**Chairs:**
- G. De Naeyer, Aalst (BE)
- V. Ficarra, Padova (IT)

**Aims and objectives of this presentation**
In this session on new technologies, several abstracts will be presented with ideas and concepts that will perhaps be our future: new adjustable transobturator male system for incontinence in male, simulation of artificial urinary bladder, laser for upper tract or prostate tumours and telemedicine in outpatient 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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**Six-branches vs two-branches retropubic intracorporeal suburethral autologous sling placed during robotic radical prostatectomy to improve early urinary continence recovery**

By: Cestari A., Ferrari M., Zanoni M., Sozzi F., Dell’Acqua V., Sangalli M., Fabbri F., Ghezzi M., Lolli C., Rigatti P.

**Institutes:** Istituto Auxologico Italiano, Dept. of Urology, Milan, Italy

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**Long-term efficacy and safety of the Adjustable Transobturator Male System (ATOMS): 6-year results of a European multi-institutional study**

By: Friedl A., Mühlstädt S., Zachoval R., Kivaranovic D., Rom M., Mohammed N., Fornara P., Brössner C.

**Institutes:**
1. Hospital Göttlicher Heiland, Dept. of Urology, Vienna, Austria
2. Martin Luther-Medical School, Dept. of Urology and Kidney Transplantation, Halle, Germany
3. Thomayer Hospital, Charles University, Dept. of Urology and 1st and 3rd Medical Faculty, Prague, Czech Republic
4. Medical University Vienna, Dept. of Medical Statistics, Informatics and Intelligent Systems, Vienna, Austria
5. Vienna General Hospital, Medical University of Vienna, Dept. of Urology, Vienna, Austria

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**Computational model for the simulation of artificial urinary bladder**

By: Monteiro V., Oirate E., Oller S., Gasser C.

**Institutes:**
1. Universitat Politècnica De Catalunya, Dept. of Structures, Barcelona, Spain
2. Universitat Politècnica De Catalunya, Dept. of Structures, Barcelona, Spain
3. The Royal Institute of Technology, Dept. of Solid Mechanics, Stockholm, Sweden

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**Developing a long-term implantable system to accurately measure real-time bladder wall movements: A feasibility study in the rat**

By: Weydts T., Deruyver Y., Brancato L., Dewulf K., Soebadi Y., Weyne E., De Ridder D., Puers R.

**Institutes:**
1. KU Leuven, Dept. of Electrical Engineering, Leuven, Belgium
2. KU Leuven, Dept. of Urology, Leuven, Belgium

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**Topical urethral anesthesia in patients undergoing rigid cystoscopy: Results from a prospective study comparing lidocaine-based anesthetic gel and mepivacaine-based anesthetic gel combined with lidocaine-prilocaine cream**

By: Creta M., Di Meo S., Buonopane R., Fusco F., Imperatore V.

**Institutes:**
1. Ospedale Buon Consiglio Fatebenefratelli, Dept. of Urology, Naples, Italy
2. University Federico II of Naples, Dept. of Urology, Naples, Italy
*350 High power (200W) thulium laser vaporization of the prostate with the Oyster technique: Initial experience and early postoperative outcomes  
By: Kallidonis P., Panagopoulos V., Vasilas M., Kyriazis I., Kemal W., Liatsikos E.  
Institutes: University of Patras, Dept. of Urology, Patras, Greece

*351 Thulium (Tm:YAG) laser in the upper urinary tract: Does the heat generation by the laser in the irrigation fluid pose a risk? Evidence from an in vivo experimental study  
By: Kamal W., Kallidonis P., Liatsikos E., Panagopoulos V., Vrettos T., Lefteris A.  
Institutes: University of Patras, Dept. of Patras, Patras, Greece

*352 ESO-Prost 9: A new era in non-invasive automatic detection of prostate cancer: Preliminary results on 314 patients  
By: Bellorofonte C.¹, Cesana C.¹, Vercesi A.¹, Morselli L.²  
Institutes: ¹Columbus Clinic, Dept. of Urology, Milan, Italy, ²Kimea Pte Ltd, Dept. of Research and Development, Singapore, Singapore

*353 A new era of data extraction: Example of automated extraction PSA values from electronic health records  
By: Leyh-Bannurah S-R.¹, Dell'Oglio P.², Tian Z.³, Graefen M.¹, Huland H.¹, Budäus L.¹  
Institutes: ¹Martini-Clinic, Prostate Cancer Center, Hamburg, Germany, ²URI, Urological Research Institute, IRCCS San Raffaele Scientific Institute, Dept. of Urology and Division of Experimental Oncology, Milan, Italy, ³McGill University, Dept. of Epidemiology, Biostatistics and Occupational Health, Montreal, Canada

*354 Assessing the potential for telemedicine in outpatient urology  
By: Dukic I.¹, Matthews A.², Pillai M.²  
Institutes: ¹Derriford Hospital, Dept. of Urology, Plymouth, United Kingdom, ²East Lancashire Hospitals NHS Trust, Dept. of Urology, Blackburn, United Kingdom

*355 Which of the spies modalities could be the best working tool?  
By: Emiliani E., Orosa A., Baghdadi M., Barreiro A., Talso M., Servan P., Proietti S., Traxer O.  
Institutes: Tenon Hospital, Université Pierre et Marie Curie - Paris Vi, Dept. of Urology, Paris, France