**Innovations in urodynamics and diagnostics**

**Poster Session 85**

**Location:** Room Vienna, North Hall (Level 1)

**Chairs:**
- H. Hashim, Bristol (GB)
- P.F.W.M. Rosier, Utrecht (NL)
- A. Tubaro, Rome (IT)

**Aims and objectives of this session**
Advances and innovations in urodynamics and LUTD diagnosis are highlighted in this session.

Poster viewing of 20 minutes. Presentations will take place on stage. Standard presentations are 2 minutes in length, followed by 2 minutes for discussion.

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<td>1122</td>
<td>Prospective simultaneous comparison of fluid filled versus air filled pressure systems during clinical cystometry</td>
<td>Rosier P.</td>
<td>UMC Utrecht, Dept. of Urology, Utrecht, The Netherlands</td>
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<td>1123</td>
<td>Comparing a novel hand held device (Peritron+) to standard urodynamics in measuring intravesical pressure</td>
<td>Radomski, S.¹, Ruzhynsky, V.¹, Bitzos, S.², Goping, I.²</td>
<td>Toronto Western Hospital, University Health Network, Dept. of Urology, Toronto, Canada, Laborie Medical Technologies Canada ULC, Clinical Research, Mississauga, Canada</td>
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<td>1126</td>
<td>Validation of the TOTO Flowsky® uroflowmetry device</td>
<td>Tsang, W.C.¹, Raman, L.², Wai, Z.², Guo, H.², Consigliere, D.², Chiong, E.²</td>
<td>NUHS National University Health System, Dept. of Urology, Singapore, Singapore, National University Health System, Dept. of Urology, Singapore, Singapore</td>
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<td>1127</td>
<td>Routine enema before urodynamics has no impact on the quality of abdominal pressure curves: Results of a prospective controlled study</td>
<td>Peyronnet, B.¹, Rigole, H.², Damphousse, M.², Senal, N.², Brochard, C.³, Manunta, A.¹, Kerdraon, J.², Tondut, L.¹, Alimi, Q.¹, Hascoet, J.¹, Siproudhis, L.², Bonan, I.²</td>
<td>CHU Rennes, Dept. of Urology, Rennes, France, CHU Rennes, Dept. of Physical Medicine and Rehabilitation, Rennes, France, CHU Rennes, Dept. of Gastrology, Rennes, France</td>
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<td>1128</td>
<td>Brain areas involved in urinary urge sensation using 7 Tesla functional magnetic resonance imaging of the human brain</td>
<td>Rahnama'i, M.S.¹, Van Den Hurk, J.², Drossaert, J.³, Koeveringe, G.³</td>
<td>Maastricht UMC+, Dept. Urology, Maastricht, The Netherlands, Scannexus, Scannexus, Maastricht, The Netherlands, Maastricht UMC+, Dept. of Urology, Maastricht, The Netherlands</td>
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<td>1129</td>
<td>Concordance of urodynamic definitions of female bladder outlet obstruction</td>
<td>Solomon, E., Yasmin, H., Duffy, M., Malde, S., Ockrim, J., Greenwell, T.</td>
<td>University College London Hospital, Dept. of Urology, London, United Kingdom</td>
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**A wearable biosensor for the bladder: Study of awake bladder urodynamics in large animal model**  
*By: Soebadi M.A.¹, Bakula M.², Weydts T.², Van Der Aa F.³, Puers R.², De Ridder D.³*  
*Institutes:* Universitas Airlangga, Dept. of Urology, Surabaya, Indonesia, ²KU Leuven, ESAT-MICAS, Leuven, Belgium, ³KU Leuven, Dept. of Development and Regeneration, Leuven, Belgium

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**Anterior pelvic prolapse evaluation by dynamic MRI and ultrasound. Clinical correlation with Pop-q staging system**  
*Institutes:* Hospital General Universitario, Dept. of Urology, Valencia, Spain

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**Comparison of neurogenic lower urinary tract dysfunctions in open vs. closed spinal dysraphism: Results observed in a prospective cohort of 395 patients**  
*By: Peyronnet B.¹, Brochard C.², Hascoet J.¹, Jezequel M.³, Menard H.³, Senal N.⁴, Bonan I.⁴, Siproudhis L.², Kerdraon J.⁴, Game X.³, Manunta A.¹*  

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**Neurogenic detrusor overactivity leak-point pressure (NDO-LPP), urodynamic findings and vesicoureteral reflux in patients with spinal cord injury (SCI)**  
*By: Topazio L.¹, Amato I.¹, Iacovelli V.¹, Miano R.¹, D’Amico A.², Vespasiani G.¹, Finazzi Agrò E.¹*  
*Institutes:* Policlinico Tor Vergata Roma, Dept. of Experimental Medicine and Surgery, Rome, Italy, ²Fondazione Santa Lucia, Neuro-Urology, Rome, Italy

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**Development of new and non-invasive diagnostic markers on urothelial cells in voided urine for the lower urinary tract symptoms/lower urinary tract dysfunction**  
*By: Shimura H.¹, Ihara T.¹, Mochizuki T.¹, Imai Y.¹, Kira S.¹, Nakagomi H.¹, Sawada N.¹, Mitsui T.¹, Takeda M.¹, Miyamoto T.²*  
*Institutes:* University of Yamanashi, Dept. of Urology, Chuo-City, Japan, ²Fujiyoshida Municipal Medical Center, Dept. of Urology, Fujiyoshida-City, Japan