**Innovations in urodynamics and diagnostics**

**Poster Session 85**

**Monday, 27 March**

**15:45 - 17:15**

**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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**1122**

**Prospective simultaneous comparison of fluid filled versus air filled pressure systems during clinical cystometry**

**By:** Rosier P.  
**Institutes:** UMC Utrecht, Dept. of Urology, Utrecht, The Netherlands

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**1123**

**Comparing a novel hand held device (Peritron+) to standard urodynamics in measuring intravesical pressure**

**By:** Radomski S.¹, Ruzhynsky V.¹, Bitzos S.², Goping I.²  
**Institutes:** Toronto Western Hospital, University Health Network, Dept. of Urology, Toronto, Canada; Laborie Medical Technologies Canada ULC, Clinical Research, Mississauga, Canada

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**1125**

**Does videourodynamic classification depend on patient positioning in patients with stress urinary incontinence?**

**By:** Ecclestone H., Solomon E., Pakzad M., Hamid R., Wood D., Greenwell T., Ockrim J.  
**Institutes:** University College Hospital London, Dept. of Urology, London, United Kingdom

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**1126**

**Validation of the TOTO Flowsky® uroflowmetry device**

**By:** Tsang W.C.¹, Raman L.², Wai Z.², Guo H.², Consigliere D.², Chiong E.²  
**Institutes:** NUHS National Univeristy Health System, Dept. of Urology, Singapore, Singapore; National Univeristy Health System, Dept. of Urology, Singapore, Singapore

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**1127**

**Routine enema before urodynamics has no impact on the quality of abdominal pressure curves: Results of a prospective controlled study**

**By:** 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  
**Institutes:** CHU Rennes, Dept. of Urology, Rennes, France; CHU Rennes, Dept. of Physical Medicine and Rehabilitation, Rennes, France; CHU Rennes, Dept. of Gastrology, Rennes, France

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**1128**

**Brain areas involved in urinary urge sensation using 7 Tesla functional magnetic resonance imaging of the human brain**

**By:** Rahnama'i M.S.¹, Van Den Hurk J.², Drossaerts J.³, Koeveringe G.³  
**Institutes:** Maastricht UMC+, Dept. Urology, Maastricht, The Netherlands; Scannexus, Scannexus, Maastricht, The Netherlands; Maastricht UMC+, Dept. of Urology, Maastricht, The Netherlands

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**1129**

**Concordance of urodynamic definitions of female bladder outlet obstruction**

**By:** Solomon E., Yasmin H., Duffy M., Malde S., Ockrim J., Greenwell T.  
**Institutes:** University College London Hospital, Dept. of Urology, London, United Kingdom
1130 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:¹Universitas Airlangga, Dept. of Urology, Surabaya, Indonesia, ²KU Leuven, ESAT-MICAS, Leuven, Belgium, ³KU Leuven, Dept. of Development and Regeneration, Leuven, Belgium

1131 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

1133 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.⁵, Manunta A.¹

1134 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:¹Policlinico Tor Vergata Roma, Dept. of Experimental Medicine and Surgery, Rome, Italy, ²Fondazione Santa Lucia, Neuro-Urology, Rome, Italy

1135 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, Kirá S.¹, Nakagomi H.¹, Sawada N.¹, Mitsui T.¹, Takeda M.¹, Miyamoto T.²
Institutes:¹University of Yamanashi, Dept. of Urology, Chuo-City, Japan, ²Fujiyoshida Municipal Medical Center, Dept. of Urology, Fujiyoshida-City, Japan