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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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

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:* ¹Toronto Western Hospital, University Health Network, Dept. of Urology, Toronto, Canada, ²Laborie Medical Technologies Canada ULC, Clinical Research, Mississauga, Canada

1125
**Does videourodynamic classification depend on patient positioning in patients with stress urinary incontinence?**
*By:* Ecclestone H., Soloman E., Pakzad M., Hamid R., Wood D., Greenwell T., Ockrim J.
*Institutes:* University College Hospital London, Dept. of Urology, London, United Kingdom

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:* ¹NUHS National University Health System, Dept. of Urology, Singapore, Singapore, ²National University Health System, Dept. of Urology, Singapore, Singapore

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, Brocher 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, ²CHU Rennes, Dept. of Physical Medicine and Rehabilitation, Rennes, France, ³CHU Rennes, Dept. of Gastroenterology, Rennes, France

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:* ¹Maastricht UMC+, Dept. Urology, Maastricht, The Netherlands, ²Scannexus, Scannexus, Maastricht, The Netherlands, ³Maastricht UMC+, Dept. of Urology, Maastricht, The Netherlands

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
A wearable biosensor for the bladder: Study of awake bladder urodynamics in large animal model
By: Soebadi M.A.\textsuperscript{1}, Bakula M.\textsuperscript{2}, Weydts T.\textsuperscript{2}, Van Der Aa F.\textsuperscript{3}, Puers R.\textsuperscript{2}, De Ridder D.\textsuperscript{3}

Institutes: Universitas Airlangga, Dept. of Urology, Surabaya, Indonesia, \textsuperscript{2}KU Leuven, ESAT-MICAS, Leuven, Belgium, \textsuperscript{3}KU Leuven, Dept. of Development and Regeneration, Leuven, Belgium

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

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.\textsuperscript{1}, Brochard C.\textsuperscript{2}, Hascoet J.\textsuperscript{1}, Jezequel M.\textsuperscript{3}, Menard H.\textsuperscript{3}, Senal N.\textsuperscript{4}, Bonan I.\textsuperscript{4}, Siproudhis L.\textsuperscript{2}, Kerdraon J.\textsuperscript{4}, Game X.\textsuperscript{3}, Manunta A.\textsuperscript{1}

Institutes: CHU Rennes, Dept. of Urology, Rennes, France, \textsuperscript{2}CHU Rennes, Dept. of General Surgery, Rennes, France, \textsuperscript{3}CHU Rennes, Referral Center For Spina Bifida, Rennes, France, \textsuperscript{4}CHU Rennes, Dept. of Physical Medicine and Rehabilitation, Rennes, France, \textsuperscript{5}CHU Toulouse, Dept. of Urology, Toulouse, France

Neurogenic detrusor overactivity leak-point pressure (NDO-LPP), urodynamic findings and vesico-ureteral reflux in patients with spinal cord injury (SCI)
By: Topazio L.\textsuperscript{1}, Amato I.\textsuperscript{1}, Iacovelli V.\textsuperscript{1}, Miano R.\textsuperscript{1}, D’Amico A.\textsuperscript{2}, Vespasiani G.\textsuperscript{1}, Finazzi Agrò E.\textsuperscript{1}

Institutes: Policlinico Tor Vergata Roma, Dept. of Experimental Medicine and Surgery, Rome, Italy, \textsuperscript{2}Fondazione Santa Lucia, Neuro-Urology, Rome, Italy

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.\textsuperscript{1}, Ihara T.\textsuperscript{1}, Mochizuki T.\textsuperscript{1}, Imai Y.\textsuperscript{1}, Kira S.\textsuperscript{1}, Nakagomi H.\textsuperscript{1}, Sawada N.\textsuperscript{1}, Mitsui T.\textsuperscript{1}, Takeda M.\textsuperscript{1}, Miyamoto T.\textsuperscript{2}

Institutes: University of Yamanashi, Dept. of Urology, Chuo-City, Japan, \textsuperscript{2}Fujiyoshida Municipal Medical Center, Dept. of Urology, Fujiyoshida-City, Japan