**Poster Session 12**

**Evolving knowledge in neuro-urology**

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

**Chairs:** S. Charalampous, Limassol (CY)  
T.M. Kessler, Zurich (CH)  
T.L.C. Kuo, Singapore (SG)

**Aims and objectives of this session**

Neurological diseases can cause considerable urological problems. In this session recent advances are discussed.

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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*The use of mirabegron in the treatment of overactive bladder in patients affected by Parkinson's disease*

**By:** Gubbiotti M., Rossi De Vermandois J., Turco M., Giannantoni A.

**Institutes:** University of Perugia, Dept. of Surgical and Biomedical Sciences, Perugia, Italy

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*Comparison of intradetrusor injections of botulinum toxin A in adult patients with spina bifida and in patients with spinal cord injury: A multicenter study*

**By:** Peyronnet B.¹, Hascoet J.¹, Roumiguie M.², Castel-Lacanal E.³, Marque P.³, Manunta A.¹, Game X.²

**Institutes:** ¹CHU Rennes, Dept. of Urology, Rennes, France, ²CHU Toulouse, Dept. of Urology, Toulouse, France, ³CHU Toulouse, Dept. of Physical Medicine and Rehabilitation, Toulouse, France

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*Clinical profile of amyotrophic lateral sclerosis patients with lower urinary tract symptoms and neurogenic bladder: A cross-sectional study*

**By:** Arlandis S.¹, Vázquez-Costa J.F.², Martinez-Cuenca E.¹, Hervás D.³, Sevilla T.², Broseta Rico E.¹

**Institutes:** ¹La Fe, University and Polytechnic Hospital, Dept. of Neurology, Valencia, Spain, ²La Fe, University and Polytechnic Hospital, Dept. of Urology, Valencia, Spain, ³Instituto De Investigación Sanitaria La Fe, Dept. of Biostatistics, Valencia, Spain

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**160**

*Frontal lobe function correlates with one-year incidence of urinary incontinence in elderly with Alzheimer disease*

**By:** Yoshida M.¹, Sugimoto T.², Ono R.³, Murata S.³, Saji N.², Niida S.⁴, Toba K.², Sakurai T.²

**Institutes:** ¹National Center For Geriatrics and Gerontology, Dept. of Urology, Obu, Japan, ²National Center For Geriatrics and Gerontology, Center For Comprehensive Care and Research On Memory Disorders, Obu, Japan, ³Kobe University, Graduate School of Health Sciences, Dept. of Community Health Sciences, Kobe, Japan, ⁴National Center For Geriatrics and Gerontology, Medical Genome Center, Obu, Japan

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*Feasibility, morbidity and functional results of robotic supratrigonal cystectomy with augmentation ileocystoplasty*

**By:** Madec F-X., Hedhli O., Perrouin-Verbe M-A., Robine E., Le Clerc Q-C., Branchereau J., Le Normand L., Rigaud J.

**Institutes:** Nantes University Hospital, Dept. of Urology, Nantes, France

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*Intra detrusor injections of botulinum toxin type A in children with spina bifida: A multicenter study*

**By:** Hascoet J.¹, Forin V.², Baron M.³, Capon G.⁴, Prudhomme T.⁵, Allenet C.⁴, Tournier S.², Maurin
Institutes: Rennes University Hospital, Dept. of Urology, Rennes, France, Trousseau Hospital, Dept. of Radiology, Rennes, France, Rouen University Hospital, Dept. of Urology, Rouen, France, Bordeaux University Hospital, Dept. of Urology, Bordeaux, France, Toulouse University Hospital, Dept. of Urology, Toulouse, France, AP-HM Conception, Dept. of Urology, Marseille, France, Toulouse University Hospital, Dept. of Pediatric Surgery, Toulouse, France, Trousseau Hospital, Dept. of Pediatric Surgery, Paris, France, Rennes University Hospital, Dept. of Pediatric Surgery, Rennes, France, Rouen University Hospital, Dept. of Pediatric Surgery, Rouen, France.

Long-term outcome of adenosine A2A receptor antagonist on lower urinary tract symptoms in male Parkinson's disease patients
By: Kitta T., Yabe I., Kanno Y., Ouchi M., Moriya K., Takahashi I., Matsushima M., Sasaki H., Shinohara N.
Institutes: Hokkaido University School of Medicine, Dept. of Urology, Sapporo, Japan, Hokkaido University School of Medicine, Dept. of Neurology, Sapporo, Japan.

Can we avoid bladder augmentation in case of failure of a first intradetrusor botulinum toxin injections in patients with spinal dysraphism?
Institutes: CHU Rennes, Dept. of Urology, Rennes, France, Tenon Hospital, Dept. of Neurourology, Paris, France, Clinique Saint-Augustin, Dept. of Neurourology, Bordeaux, France, CHU Lausanne, Dept. of Neurourology, Lausanne, France, Raymond Poincaré Hospital, Dept. of Neurourology, Garches, France, CHU Bordeaux, Dept. of Urology, Bordeaux, France, CHU Toulouse, Dept. of Urology, Toulouse, France, CHU Nantes, Dept. of Urology, Nantes, France, CHU Marseille, Dept. of Urology, Marseille, France, CHU Lille, Dept. of Urology, Lille, France, CHU Tours, Dept. of Urology, Tours, France, CHU Rouen, Dept. of Urology, Rouen, France, CHU Strasbourg, Dept. of Urology, Strasbourg, France, CHU Rennes, Dept. of Physical Medicine and Rehabilitation, Rennes, France, Pitié Salpêtrière Hospital, Dept. of Urology, Paris, France.

Combined treatment of DDAVP and mirabegron represents an effective treatment of neurogenic detrusor overactivity in patients with multiple sclerosis
By: Zachariou A., Filiponi M., Dimitriadis F., Takenaka A., Sofikitis N.
Institutes: Ioannina University School of Medicine, Dept. of Urology, Ioannina, Greece, Elpis Hospital, Dept. of Urology, Volos, Greece, Tottori University School of Medicine, Dept. of Urology, Tottori, Japan.

Detrusor acontractility after acute spinal cord injury: Myth or reality
By: Bywater M., Tornic J., Mehnert U., Kessler T.
Institutes: University Hospital Balgrist, Dept. of Neuro Urology, Zürich, Switzerland.

High EDSS can predict risk for upper tract damage in patients with multiple sclerosis
By: Schneider M.P., Ineichen B., Hagenbichl N., Linnebank M., Kessler T.
Institutes: University Hospital of Zürich, Dept. of Neuro-Urology, Zürich, Switzerland, Biostatistics and Prevention Institute, Dept. of Biostatistics, Zürich, Switzerland, University Hospital Zürich, Dept. of Neurology, Zürich, Switzerland, Balgrist University Hospital, Dept. of Neuro-Urology, Zürich, Switzerland.

Influence of botulinum toxin type A on urodynamic parameters and sexual function in men with neurogenic detrusor overactivity
Institutes: Research Institute of Urology and Interventional Radiology N.a. Lopatkin - Branch of Fsbi Nmrrc, Moscow, Russia, Research Institute of Urology and Interventional Radiology N.a. Lopatkin - Branch of Fsbi Nmrrc, Neurourology and Urodynamics, Moscow, Russia, Fsbi Nmrrc.