Parameters for detrusor underactivity in women: Predictive value towards ineffective voiding in a large cohort of women with urinary incontinence

By: Rosier P.
University Medical Center Utrecht, Dept. of Urology, Utrecht, The Netherlands

Sensitivity and specificity of neurotrophins as biomarkers of a neurogenic detrusor overactivity in multiple sclerosis patients

By: Philippova E.S.¹, Bazhenov I.², Zyryanov A.², Bazarny V.³, Sazonov S.⁴, Volkova L.⁵
¹Ural State Medical University, Dept. of Urology, Ekaterinburg, Russia, ²Ural State Medical University, Dept. of Urology, Ekaterinburg, Russia, ³Ural State Medical University, Dept. of Laboratory Diagnosis, Ekaterinburg, Russia, ⁴Ural State Medical University, Dept. of Histology, Cytology and Embriology, Ekaterinburg, Russia, ⁵Ural State Medical University, Dept. of Neurology, Ekaterinburg, Russia

Detecting differences with magnetoencephalography (MEG)-urodynamics study of somatosensory processing normal desire to void and maximum desire to void sensation

By: Kitta T.¹, Shiraishi H.², Yagyu K.², Shimojo A.², Egawa K.², Kanno Y.¹, Ouchi M.¹, Higuchi M.¹, Togo M.¹, Takahashi Y.¹, Tsukiyama M.¹, Moriya K.¹, Ariga T.², Shinohara N.¹
¹Hokkaido University, Dept. of Urology, Sapporo, Japan, ²Hokkaido University, Dept. of Pediatrics, Sapporo, Japan

Time to change microbiological approach to overactive bladder

By: Perovic S.U.¹, Ksiezarek M.¹, Rocha J.¹, Vale L.², Silva C.², Dinis P.², Antunes Lopes T.², Peixe L.¹
¹University of Porto, Faculty of Pharmacy, Porto, Portugal, ²Hospital de São João, University of Porto, Dept. of Urology, Faculty of Medicine, Porto, Portugal
Dynamic connectivity in the periaqueductal gray matter measured by 7 Tesla functional MRI during a bladder filling protocol

By: De Rijk M.M. 1, Van Den Hurk J. 2, Rahnama’i M.S. 1, Van Koeveringe G.A. 3
1Maastricht University, Dept. of Urology, Maastricht, The Netherlands, 2Scannexus, Maastricht, The Netherlands, 3Maastricht University, Medical Center, Dept. of Urology, Maastricht, The Netherlands

Possible roles of urethral C-fiber afferents in storage/voiding dysfunction in female patients

By: Ichiyanagi O. 1, Nishimoto K-I. 2, Nagaoka A. 3, Naito S. 4, Yagi M. 4, Ushijima M. 4, Kajinuma A. 1, Kato T. 4, Tsuchiya N. 4
1Yamagata Prefectural Kahoku Hospital, Dept. of Urology, Kahoku, Japan, 2Seichokai Fuchu Hospital, Dept. of Urology, Izumi, Japan, 3Yonezawa City Hospital, Dept. of Urology, Yonezawa, Japan, 4Yamagata University Faculty of Medicine, Dept. of Urology, Yamagata, Japan

Lower urinary tract symptoms amongst adult patients with genetically-confirmed mitochondrial disease

By: Sachdeva A. 1, Feeney C. 1, Gorman G. 1, Turnbull D.M. 1, Harding C. 2
1Newcastle University, Wellcome Centre for Mitochondrial Research, Newcastle upon Tyne, United Kingdom, 2Freeman Hospital, Dept. of Urology, Newcastle upon Tyne, United Kingdom

Therapeutic effects of PDE9 inhibitor on lower urinary tract dysfunction (LUTD) in mice with spinal cord injury (SCI)

1Kindai University Faculty of Medicine, Dept. of Urology, Osaka-Sayama, Japan, 2University of Pittsburgh, Dept. of Urology, Pittsburgh, United States of America, 3Kindai University Nara Hospital, Faculty of Medicine, Dept. of Urology, Ikoma, Japan, 4University of Pittsburgh, Dept. of Medicine, Pittsburgh, United States of America, 5University of Pittsburgh, Dept. of Pharmacology and Chemical Biology, Pittsburgh, United States of America

Three-dimensional model of MRI prostate in bladder outlet obstruction of male LUTS/BPH patients

By: Xia S., Jie S.
Renji Hospital, Dept. of Urology, Shanghai, China

The role of prostatic apex shape in voiding symptom and urine flow: A development and validation study

Yonsei University College of Medicine, Dept. of Urology, Seoul, South Korea
12:04 - 12:09  
State-of-the-art lecture *Can imaging differentiate function from dysfunction?*  
F. Cruz, Porto (PT)