**Insights into epidemiology and pathophysiology of LUTS**

**Poster Session 30**

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

**Chairs:**
- C. De Nunzio, Rome (IT)
- M. Gacci, Florence (IT)
- M. Tomohiro, Nagasaki (JP)

**Aims and objectives of this session**
The aims and objectives of this session are to achieve new data on pathophysiology of non-neurogenic LUTS, with a special focus on metabolic syndrome as new target for behavioural treatments of LUTS, including diet and lifestyle.

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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**393**
The prevalence and progression of lower urinary tract symptoms in an ageing population – results from the European Randomized study of Screening for Prostate Cancer (Rotterdam)

*By:* Venderbos L., Bangma C., Roobol M.

*Institutes:* Erasmus MC, Dept. of Urology, Rotterdam, The Netherlands

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**394**
Management of LUTS in men in a nationwide cohort with 10 years follow-up: Lessons from clinical practice


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**395**
Who is likely to be safe on conservative management for LUTS-BPH?

*By:* Rosier P.

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

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**396**
Development of an electronic bladder diary app for smart-phone: A pilot study

*By:* Mateu Arrom L., Peri L., Franco A., López-Fando L., Alcaraz A.

*Institutes:* 1. Hospital Clínic Barcelona - Hospital Plató, Dept. of Urology, Barcelona, Spain, 2. Hospital Clinic Barcelona, Dept. of Urology, Barcelona, Spain, 3. Hospital Ramón Y Cajal, Dept. of Urology, Madrid, Spain

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**397**
Analysis of the relationship between benign prostatic hyperplasia/lower urinary tract symptoms and total serum testosterone level

*By:* De Nunzio C., Presicce F., Lombardo R., Tema G., Bellangino M., Cancrini F., Nacchia A., Tubaro A.

*Institutes:* Sant' Andrea Hospital - Sapienza University, Dept. of Urology, Rome, Italy

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**398**
Metabolic syndrome and smoking are associated with an increased risk of nocturia in male patients with benign prostatic enlargement


*Institutes:* Sant' Andrea Hospital - Sapienza University, Dept. of Urology, Rome, Italy

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**399**
Effect of restricted salt intake on nocturia

*By:*
Poster Session 30

400  
**Effect of weight reduction in lower urinary tract symptoms among men who underwent bariatric surgery**  
**Institutes:** Prince of Wales Hospital, The Chinese University of Hong Kong, Dept. of Surgery, Hong Kong, Hong Kong

401  
**Patients with nocturnal polyuria presented a different night-time and daytime bladder capacity: Implication for nocturia**  
By: Presicce F., De Nunzio C., Puccini F., Melchionna A., Lombardo R., Tubaro A.  
**Institutes:** Sant' Andrea Hospital - Sapienza University, Dept. of Urology, Rome, Italy

402  
**Urgency is a conclusive target for nocturia in male patients with lower urinary tract symptoms: Results from a multicenter prospective study**  
By: Kiuchi H., Ueda N., Soda T., Fukuhara S., Takao T., Tsujimura A., Miyagawa Y., Nonomura N.  
**Institutes:** Osaka University, Dept. of Urology, Suita, Japan

403  
**Lower urinary tract symptoms in patients with Parkinson's disease in a prospective study: Symptoms, urodynamics and considerations**  
By: Chunsong J., Cui X., Yan H., Wang Q., Li J., Cui B., Chen X., Ou T.  
**Institutes:** Xuanwu Hospital Capital Medical University, Dept. of Urology, Beijing, China

404  
**Studying the effect of diabetes mellitus type 2 on prostate related parameters: A prospective single institutional study**  
By: Elabbady A., Hashad M.M.E., Kotb A., Ghanem A.  
**Institutes:** University of Alexandria, Dept. of Urology, Alexandria, Egypt

405  
**Thyroid hormones and benign prostatic hyperplasia**  
By: Lee J-H.  
**Institutes:** National Police Hospital, Dept. of Urology, Seoul, South Korea

406  
**The association between lower urinary tract symptoms and cardiovascular risk factors in men**  
By: Yee C-H., Yip S-Y., Teoh J.Y-C., Chiu P.K-F., Chan C-K., Chan E.S-Y., Hou S-M., Ng C-F.  
**Institutes:** Prince of Wales Hospital, The Chinese University of Hong Kong, Dept. of Surgery, Hong Kong, Hong Kong