



**European
Association
of Urology
Nurses**

ESUN Course
European School of Urology Nursing
Rome, Italy, 4-5 November 2016

Neurogenic detrusor overactivity and Overactive bladder symptom complex

Pathophysiology and Management

Overview:

The course will provide an overview of the pathophysiology of lower urinary tract dysfunction in OAB and neurogenic detrusor overactivity, relating to neurophysiological mechanisms. In addition it will discuss the current evidence base for management. (25 attendees)

Learning outcomes:

Upon completion of this course, the participants will be able to describe the anatomy, physiology and pathophysiology of overactive bladder. They will also be able to describe and discuss the methods used for diagnosing and treating neurogenic and non-neurogenic overactive bladder. In addition they will be able to deliver the course in their clinical areas as part of a developmental training and educational commitment.

Programme

Day 1: Friday, 4 November 2016

12.00 – 13.00 Registration and lunch

13.00 – 13.05 Opening and welcome

C. Chapple, Sheffield (GB) - EAU Secretary General

G. D'Elia, Rome (IT) - Head urologist, San Giovanni Addolorata hospital

13.05 – 13.30 Introduction of course delegates

13.30 – 14.30 Module 1: The physiology of bladder control

C. Chapple, Sheffield (GB) - EAU Secretary General

- *Neurophysiology of the lower urinary tract*

- *Understanding the motor (efferent) and sensory (afferent) pathways associated with neural control of the bladder*

14.30 – 15.30 Module 2: Disorders of the lower urinary tract

B. Blok, Rotterdam (NL) - Chair of the EAU guidelines panel on Neuro-urology

- *Terminology of lower urinary tract dysfunction*

- *Spinal cord disorders*

15.30 – 16.00 **Coffee break**

16.00 – 17.00 **Module 3: Pathophysiology of overactive bladder symptoms**

C. Chapple, Sheffield (GB) - EAU Secretary General

- *Review of the physical origins of overactive bladder symptoms*

17.00 – 18.00 **Module 4: The impact of OAB on daily living**

W. Naish, Croydon (GB) - Nurse Consultant, Continence

- *Urgency, frequency and urine leakage: assessing and managing the effects on everyday life*

20.00 – 23.00 **Dinner**

Day 2: Saturday, 5 November 2016

09.00 – 09.40 **Module 5: Diagnosis of overactive bladder and neurogenic detrusor overactivity**

E. Finazzi Agrò, Rome (IT) – Chair of the Italian Society of Urodynamics

- *Urodynamics investigations*
- *Diagnostic pathways*

09.40 – 10.20 **Module 6: Management of neurogenic overactive bladder**

L. Van De Bilt, Eindhoven (NL) – Nurse Specialist Urology

- *The goals of treatment in OAB*
- *Treatment approaches and evidence based nursing: tibial nerve stimulation, clean intermittent catheterization*
- *Treatment approaches and evidence based nursing*

10.20 – 11.00 **Module 7: Management of neurogenic detrusor overactivity**

G. Del Popolo, Florence (IT) – Past Chair of the Italian Society of Urodynamics

- *Difference between OAB and neurogenic detrusor overactivity*
- *Invasive treatment options: sacral neuromodulation, botulin toxin surgery*

11.00 – 11.10 **Coffee break**

11.10 – 12.30 **Module 8: Group work**

S. Terzoni, Milan (IT) - Chair of the EAUN

L. Van De Bilt, Eindhoven (NL) – Nurse Specialist Urology

- *Case studies – critical appraisal-evidence based management review*

12.30 – 13.00 **Multiple choice test**

13.00 – 13.30 **Lunch**

13.30 – 13.50 **Closing remarks and evaluation**

S. Terzoni, Milan (IT) - Chair of the EAUN

L. Van De Bilt, Eindhoven (NL) – Nurse Specialist Urology

- *Discussion of the tests and group presentations, satisfaction of the participants, handing over prize*