Urological management of patients with neurological diseases
ESU Course 42

Location: Orange Area, Room 5 (Level 0)
Chair: F. Cruz, Porto (PT)

Aims and objectives of this session
The course aims at introducing the basic principles of the diagnostic work-up and of the management of the most common neurological micturition dysfunctions to urologists and residents. The early identification of these dysfunctions will contribute to increase the longevity and the quality of life of neurological patients.

The main aims are:
• To refresh the terminology and the specific methods of investigation in neuro-urology.
• To review the most important urodynamics patterns found in patients with neurogenic micturition dysfunction
• To analyse the pharmacological and surgical options available for the management of neuro-urological patients with different background diseases
• To discuss representative clinical cases

Introduction
F. Cruz, Porto (PT)

Pathophysiology of neurogenic bladder dysfunction and basic principles of management of LUT dysfunction
M. Drake, Bristol (GB)

Urodynamic investigation of a patient with a neurological disease
G. Van Koeveringe, Maastricht (NL)

Management of the urological problems in:

- Patients with spinal cord injury
  F. Cruz, Porto (PT)

- Patients with Parkinson’s disease
  M. Drake, Bristol (GB)

- Patients with cerebral vascular accidents and dementia
  G. Van Koeveringe, Maastricht (NL)

- Patients with Multiple Sclerosis
  F. Cruz, Porto (PT)

Clinical case
M. Drake, Bristol (GB)
### Clinical case
G. Van Keveringe, Maastricht (NL)

### Conclusions
F. Cruz, Porto (PT)