

Start	End	Topic	Speakers
14:00	14:10	Neurogenic disease and risk factors	Emmanuel Chartier-Kastler
14:10	14:25	Spinalcord injury specific complications including autonomic dysreflexia	Pierre Denys
14:25	14:35	Urinary infection and neurogenic bladder	Michael Kennelly
14:35	14:50	intermittent catheterisation : catheters and specific complications	Pierre Denys
14:50	15:10	Surgery for refractory detrusor hyperreflexia and sphincter deficiency : complications	Emmanuel Chartier-Kastler
15:10	15:20	what to know from guidelines ? AUA versus EAU versus ICI : are they differences ?	Michael Kennelly
15:20	15:30	Discussion	Emmanuel Chartier-Kastler Pierre Denys Michael Kennelly

Description

Management of neurogenic detrusor and sphincter dysfunction is aimed to prevent upper urinary tract long term complications as to improve quality of life of patients.

Upon neurogenic disease the type of complications and the risk to get it is very different. Description of complications needs also to consider complications of treatment used whatever they are medical and/or surgical.

So the goal of this workshop will be to review for attendees what they have to know based on expert presentations and recommendations and guidelines which are available worldwide. No specific introduction talk will be done about pathophysiology and anatomy. Attendees are supposed to be trained to that topic to be able to look for intermediate and advanced management.

As a proof of concept the model of the thoracic spinal cord injury will be the best way to underline how these patients may suffer complications. Early and long term complications will be discussed. Neurourology is a confidential topic in most of the urology office practice. It is of great interest for colleagues to know the "red light warnings" that may be looked for and may lead to change about management of bladder and sphincter function. In most of the usual reports the neurogenic bladder is looked as a "disease" analysis. As the usual model for description of neurogenic bladder complications is spinal cord injury, a specific discussion will be focused on SCI including autonomic dysreflexia prevention and management.

Other suprapontine and spinal cord diseases will be reviewed to underline their specific risks.

As a general matter, urinary infection will be specifically reviewed and has to be an important part of the workshop, because of its frequency within clinical practice.

From the treatment side, self catheterisation will be discussed taking into account recent published works on catheters or urinary infection.

Surgery of the neurogenic bladder will be presented focusing on prevention of complications of neurogenic bladder and on complications that may be linked to the surgical treatment used.

At the end of the workshop attendees must obtain clear ideas on what is really known, what were the main improvements for prevention of complications within the last 70 years and what are the today's unmet needs.

To summarise the management of main complications of neurogenic bladder in SCI patients, based on the recent SIU ICUD SCI recommendations.

To be able to lead and manage a multidisciplinary management of these complications.

The complications that will be discussed will be:

Supra spinal lesion versus infrapontine: what are the main differences?

Autonomic dysreflexia definition and prevention

Urinary infection: clinical situations upon bladder management

Intermittent Catheterisation : catheters and complications

Place for neuromodulation and neurogenic bladder
Surgery for refractory detrusor hyperreflexia
Stress urinary incontinence and neurogenic bladder: which place for urinary prosthesis

Attendees will take advantage to know EAU, ICS/ICI, AUA and ICUD/SIU recommendations.

Aims of Workshop

To review how to prevent and how to detect complications of neurogenic bladder at time of onset of neurogenic disease and during follow-up. As management of neurogenic bladder is key for the long term protection of QoL and kidney function, it is of great value to review this through the light of complications and how to treat it

Educational Objectives

Speakers will engage discussion and promote discussion at the end of each talk through a one slide clinical example to promote exchange and discuss practice all around the world.

All the discussed topics will be linked with clinical practice and reporting speakers experience and recommendations.
The attendees must improve their deep knowledge for their own practice.

Learning Objectives

1. To know the main risks and complications of neurogenic bladder, related to type of neurogenic disease
2. To learn through guidelines and recommendations how to control it
3. to emphasize knowledge of attendees in this topic and to promote exchange during the WS through some clinical situations

Target Audience

Urology, Urogynaecology and Female & Functional Urology

Advanced/Basic

Intermediate

Suggested Learning before Workshop Attendance

ICI guidelines