

Start	End	Topic	Speakers
14:00	14:05	Introduction	Marcus Drake
14:05	14:25	Case Discussion 1: Young adult male with cervical spinal injury with inadequate social support and recurrent autonomic dysreflexia	Marcus Drake
14:25	14:45	Case 2: Teenage girl with spina bifida, CKD stage III, and unsafe bladder storage	Sanjay Sinha
14:45	15:05	Case 3: Elderly male with dementia and urinary incontinence	Christina-Anastasia Rapi
15:05	15:25	Case 4: Adult woman with LUTD following radical pelvic oncological surgery with refractory incontinence	Luis Abranches-Monteiro
15:25	15:30	Closing Remarks	Marcus Drake

Description

Objective

To discuss problems encountered in managing neuro-urological patients for which there might not always be clear evidence-based recommendations. Four experienced NUPC faculty apply their minds to arrive at practical solutions.

Scope of Discussion

Four case discussions are carefully chosen to bring out specific contentious clinical issues. The faculty will present each case briefly and then discuss some key points. Adequate time is budgeted for further unstructured discussion on each case. This will allow the audience and the faculty to raise queries and clarify doubts on each case.

Background Information

Neurogenic LUTD patients can present unique challenges in clinical practice. Given the marked heterogeneity of underlying neurological defects and socioeconomic circumstances, such patients often need a customized approach. In this workshop, faculty will discuss four clinical cases. Each case has specific management problems. The faculty will come with some discussion points but there will be an opportunity for the audience to interact and present their comments or queries regarding each case. The cases have been selected to reflect a wide range of clinical situations that the clinical neuro-urologist or functional urologist might encounter.

The faculty is a diverse, global group working in different clinical environments.

Clinical Cases

1. Cervical spine injury
2. Spina bifida
3. Dementia
4. Radical pelvic surgery

Cervical spinal injury patients with an unsafe bladder have limited options in the absence of adequate social support. Many of these patients cannot self-catheterize. In this case, the faculty will be discussing the management options for such patients especially faced with recurrent autonomic dysreflexia, a potentially life-threatening condition.

Patients with spina bifida can present with upper tract damage. In some patients, such damage can occur rapidly and result in chronic kidney disease. When faced with an unsafe bladder that is refractory to standard medication, clinicians are faced with a dilemma. If transplantation is imminent, augmentation can be rapidly followed by transplantation. However, for patients with CKD Stage III this can be a challenge.

Incontinence in dementia patients can be distressing for both family and patient and can present challenges that need a combination of conservative and containment options, as well as targeted therapy. The usual treatment dictum based on 'patient bother' might need to be modified.

Refractory incontinence in patients with radical pelvic surgery can be owing to abnormal bladder storage pressures and/or neurogenic sphincteric abnormalities. Such patients can face a risk of renal damage. The management of storage dysfunction can sometimes be particularly challenging.

Faculty
Marcus J Drake [Chair]
Christina-Anastasia Rapi
Luis Miguel Monteiro
Sanjay Sinha

Closing Remarks [Marcus Drake, 5min]

Aims of Workshop / Educational Objectives

Target Audience

Clinicians who are actively managing neuro-urology patients

Workshop Schedule: Duration 90min

Introduction to the Workshop and the Faculty [Marcus Drake, 5min]

Case 1: Young adult male with cervical spinal injury with inadequate social support and recurrent autonomic dysreflexia [Marcus Drake, 20min]

Case 2: Teenage girl with spina bifida, CKD stage III, and unsafe bladder storage [Sanjay Sinha, 20min]

Case 3: Elderly male with dementia and urinary incontinence [Christina-Anastasia Rapi, 20min]

Case 4: Adult woman with LUTD following radical pelvic oncological surgery with refractory incontinence [Luis Miguel Monteiro, 20min]

Closing Remarks [Marcus Drake, 5min]

Learning Objectives

1. Case discussions in clinical neuro-urology
2. Cases selected to bring out specific contentious clinical issues
3. Unstructured discussion for each case including audience interaction

Target Audience

Urology, Urogynaecology and Female & Functional Urology, Conservative Management

Advanced/Basic

Advanced

Suggested Learning before Workshop Attendance

EAU Guidelines

AUA Guidelines

CUA Guidelines