

INUS Nurse Workshop

Saturday June 11th 2023, 8:00—12:00

Register now for this educational course specially designed for nurses dealing with neuro-urological patients entitled „**Nursing care of neuro-urological patients needs special knowledge**“.

Objectives:

- ◇ Identify risk factors for recurrent UTIs using a systematic assessment tool
- ◇ Outline methods for performing intermittent catheterization (IC) in children and adults
- ◇ Review different types of intermittent catheters for IC
- ◇ Train IC with the trainers

Participate for free if you register for the INUS Annual Congress or book the workshop only for € 150. Please be aware that there is a limited number of participants — so book now!

8:00	Welcome	H. Madersbacher (Austria)
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URINARY TRACT INFECTIONS IN NEUROGENIC LOWER URINARY TRACT DYSFUNCTION

Moderators: H. Madersbacher (Austria), Ch. Konstantinidis (Greece)

8:10—8:30	Urinary Tract Infections – the number one complication in patients with Neurogenic Lower Urinary Tract Dysfunction – reasons	A. Oeconomou (Greece)
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8:35—8:55	Therapeutic strategies – antibiotics only?	L. Leitner (Switzerland)
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9:00—9:15	Can surgery help?	K. Önem (Türkiye)
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9:15—9:30	Discussion	
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9:30—10:00	Break	
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INTERMITTENT CATHETERIZATION

Moderators: S. Terzoni (Italy), A. Nikolia (Greece)

10:00—10:15	Terminology of techniques and materials	H. Madersbacher (Austria)
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10:20—10:35	Assessment of UTI in IC users – which problems can arise?	S. Terzoni (Italy)
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10:40—10:55	Intermittent Catheterization in children – tips and tricks	A. Furruther (Austria) D. Mair (Austria)
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11:00—12:00	Hands-On-Training in small groups Supervisors: A. Nikolia, S. Terzoni	S. Baumann (Switzerland) A. Furruther (Austria) D. Mair (Austria) T. Makris (Switzerland) S. Nair (UK) S. Terzoni (Italy)
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12:00	Closing remarks	
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Simultaneous translation English-Greek will be provided.

Register now on www.neuro-uro.org

Urodynamics Workshop

Thursday June 8th 2023, 14:00—18:00

Objectives theory

- ◇ Gain an understanding of the importance of standardized language for assessing lower urinary tract function
- ◇ Acquire knowledge of the key elements of urodynamic equipment, including its proper use and considerations for specific patient groups

Objectives practical hands-on:

- ◇ Develop skills in evaluating different measuring systems and recognizing their respective advantages and disadvantages
- ◇ Learn to interpret urodynamic findings within the context of clinical cases

14:00	Opening	S. Musco & L. Leitner
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PART I: URODYNAMIC INVESTIGATION: FROM THEORY TO PRACTICE

14:05—14:35	Standards & Terminology	C. Konstantinidis
14:35—15:00	Video-urodynamic equipment, performance & transducers	R. Kirschner-Hermanns
15:00—15:20	Small body, big machine: Urodynamic in children	J. Routh
15:20—15:50	Hands-on training: System and equipment	All tutors
15:50—16:05	Break	

PART II: URODYNAMIC FINDINGS: WHAT WE NEED TO CONSIDER IN CLINICAL PRACTICE

16:05—16:45	Feature or artefact? Find the pitfall!	J. Moreno
16:45—17:55	Hands-on training: Clinical cases & discussion	All tutors
17:55—18:00	Closing remarks	S. Musco & L. Leitner



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Neuromodulation Workshop

Thursday June 8th 2023, 14:00—16:00

Objectives:

1. Provide scientific and clinical insights into neuromodulation including the newest innovation and its implementation and experience in clinical practice
 - ◇ Understand the innovations in technology in the context of non-invasive and invasive neuromodulation
 - ◇ Patient choice in decision making on the treatment options
 - ◇ Learn how to follow-up patients undergoing neuromodulation therapies
2. Practical hands-on part will allow to practice non-invasive neuromodulation on participants and invasive neuromodulation (sacral neuromodulation) on models
 - ◇ Positioning of patch / needle electrodes
 - ◇ Tined lead and neuromodulator implantation (rechargeable and recharge free)
 - ◇ Troubleshooting

14:00	Welcome	H. Goldman & S. de Wachter
14:00—14:20	Current overview of neuromodulation in neuro-urology	H. Goldman
14:20—14:40	Mechanisms of action of neuromodulation	J. Panicker
14:40-15:00	Future directions in neuromodulation	M. Averbeck
15:00—16:00	Hands-on session	M. Averbeck S. de Wachter H. Goldman O. Gross M. Liechti J. Panicker S. Stalder S. van der Lely



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Neurosciences Workshop

Friday June 9th 2023, 08:00—12:00

Objectives:

- ◇ To understand the neural basis for bladder and sexual dysfunction
- ◇ To explore the interface between urological, neurological and mental health disorders
- ◇ To reflect upon the impact of neurological diseases on lower urinary tract functions

8:00	Welcome	B. Blok & J. Panicker
8:00—8:35*	The role of sensory processing in the pathogenesis of OAB	U. Mehnert
8:35—9:10*	Detrusor Sphincter Dysynergia- neural mechanisms for dysfunction, assessment and management	J. Stoffel
9:10—9:45*	Lower spinal cord imaging as a tool to understand neurogenic voiding dysfunction	M. Liechti
9:45—10:15	Break	
10:15—10:50*	Peripheral neural correlates to genital sensitivity	S. Wright
10:50—11:25*	Central neural correlates to genital sensitivity	B. Blok
11:25—12:00*	Unravelling the bidirectional relationship between mental health disorders and LUTS	D. Vrijens

*all lectures include 10 minutes discussion time



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Translational Research Workshop

Friday June 9th 2023, 08:00—12:00

Objectives:

- ◇ Understanding the peripheral pathophysiology of lower urinary tract dysfunction (LUTD) in spinal cord injury (SCI) and bladder outlet obstruction
- ◇ Understand the aging-related pathophysiology of LUTD
- ◇ Understanding the central control mechanisms of micturition
- ◇ Understanding the central pathophysiology of LUTD in SCI
- ◇ Understanding of the central pathophysiology of LUT symptoms and depression

8:00 Welcome K. Monastyrskaya & N. Yoshimura

PERIPHERAL MECHANISMS OF LUTD

Moderators: N. Yoshimura (Japan)

8:00—8:35* Gene expression profiles of neurogenic and obstruction-induced LUTD K. Monastyrskaya

8:35—9:10* Mechanistic investigation of inosine in LUTD following spinal cord injury R. Adam

9:10—9:45* LUTD and remodeling: impact of uro-toxic metabolites L. Birder

9:45—10:15 Break

CENTRAL MECHANISMS OF LUTD

Moderators: K. Monastyrskaya (Switzerland)

10:15—10:50* CNS control of the lower urinary tract A. Sartori

10:50—11:25* LUTD in spinal cord injury - gender difference in the mouse model and new targets N. Yoshimura

11:25—12:00* Why are some people with LUTS depressed? F. Hughes



*all lectures include 10 minutes discussion time

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Pediatrics Workshop

Friday June 9th 2023, 08:00—12:00

Objectives:

- ◇ Update of nomenclature in pediatric neurogenic bladder
- ◇ Explanation of urinary tract evaluation algorithms
- ◇ Develop knowledge and skills in urodynamics and video-urodynamic studies. The most frequent patents.
- ◇ Highlight the importance of clean intermittent catheterization.
- ◇ Update and explain medical and surgical approach and therapeutics in Pediatric neurogenic bladder.

8:00	Welcome	G. Mosiello
8:05—8:20	Nomenclature and Standardization	A. Karatzas
8:20—8:35	Spina bifida evaluation / UMPIRE project	J. Routh
8:35—8:50	Pitfalls in urodynamic studies	S. Bauer
8:50—9:05	Indications for Video-Urodynamics Vesico-ureteral reflux/renal function	C. Sager
9:05—9:20	Role of perineal EMG Sphincters Urinary continence assessment	C. Estrada
9:20—9:45	Discussion	All tutors
9:45—10:15	Break	
10:15—10:30	Clean intermittent catheterization and training programs	S. Tanaka
10:30—10:45	Pharmacological refractoriness / Botulinum toxin A	C. Sager
10:45—11:00	Augmentation cystoplasty and continent stomas	G. Mosiello
11:00—11:15	Tissue engineering in Urology	C. Estrada
11:15—12:00	Discussion and closing remarks	All tutors



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