



**INUS**  
**ANNUAL**  
**CONGRESS 2020**  
January 23-25th

*Istanbul*



# World-class medicine for better quality of life

## Swiss Continenence Foundation

The Swiss Continenence Foundation (SCF) is a non-profit organization founded in April 2011 with the goal of supporting and advancing research and education in the field of Neuro-Urology and functional urology.

A central issue of the foundation is the considerable improvement in the quality of patient care and in the patients' quality of life. In addition, the foundation's support in high-quality advanced training and education in the field of Neuro-Urology and functional urology is supposed to contribute to the distribution of the knowledge gained from research and science to physicians, nursing specialists and to the interested public.

In order to achieve these goals the SCF depends on your financial support and the foundation board would highly appreciate your donation.



Bank details of the Swiss Continenence Foundation:

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[www.swisscontinenencefoundation.ch](http://www.swisscontinenencefoundation.ch)

## The International Neuro-Urology Society (INUS)

The International Neuro-Urology Society (INUS) is a medical and scientific non-profit organisation with the aim to sustainably improve and promote the medical care for patients suffering from neuro-urological disorders.

All researchers and health care professionals who deal with neuro-urological patients or research projects are eligible and welcome to apply for membership. If you are interested in becoming a member of the INUS please visit the society's homepage **[www.neuro-uro.org](http://www.neuro-uro.org)**.

**Those under 36 years of age can register for free**

Companies, institutions, foundations or individuals who are interested in supporting the society can become a partner of the INUS.

Please contact us to become a partner: **[info@neuro-uro.org](mailto:info@neuro-uro.org)**



# WELCOME

## We welcome you to join the INUS Annual Congress 2020

On behalf of INUS and the 2020 Scientific Committee, we are pleased to welcome you to Istanbul. We have worked hard to bring you talks from an international, multidisciplinary faculty on key topics and recent advances in neuro-urology such as the role of neuromodulation, the use of urodynamics during the surveillance and the surgical treatment of neurologic conditions, surgical treatment of stress incontinence in neurourology, neurogenic sexual dysfunction, and the state of the art management and prevent of urinary infections with neurologic injury. We will continue the tradition of including interactive discussions with the audience and our faculty throughout the plenary, and we will once again highlight up and coming physicians and researchers who have shown a commitment to neurourology with the international Young Talents Competition. Several additional topics will be presented and discussed in seven workshops, including one specifically designed for nurses. We look forward to another great meeting!



Helmut Madersbacher



Blayne Welk



## Organising Committee



*Madersbacher H. (AT)*



*Kessler T. M. (CH)*



*Averbeck M. A. (BR)*

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*Blok B. F. M. (NL)*



*Gomes C. (BR)*



*Goldman H. B. (USA)*



*Önem K. (TR)*



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*Yoshimura N. (USA)*



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Yoshimura Naoki	US

## Overview Workshops, Meetings and Assembly

### **INUS Board Meeting: Thursday 8:30**

#### Thursday

- |              |   |
|--------------|---|
| <b>13.30</b> | <b><i>Translational impact of animal models of neurologic diseases with urological symptoms</i></b> |
| <b>13.30</b> | <b><i>Urodynamics</i></b>   |
| <b>13.30</b> | <b><i>Neurourology for the general urologist</i></b>  |

#### Friday

- |             |   |
|-------------|---|
| <b>8.00</b> | <b><i>Botulinum Toxin: Blessing or Curse?</i></b> |
| <b>8.00</b> | <b><i>Neurosciences</i></b>                       |
| <b>8.00</b> | <b><i>Gladiators session</i></b>                  |

### **Membership Assembly: Friday 18:00** *for members only*

#### Saturday

#### **8.00 - 12.00 Nurse Workshop**

with hands on training - catheterization in cooperation with EAUN and the Turkish Association of Urologic Nurses

# WORKSHOPS **Thursday**

## ***Urodynamics***

*Marcio Averbeck & Enrico Finazzi Agrò*

*Room: Ortakoy*

<b>13.30</b>	Terminology and standards	<i>E. Finazzi Agrò</i>
<b>14.00</b>	When and how to perform a urodynamic investigation in SCI and MS patients?	<i>B. Schurch</i>
<b>14.30</b>	Common pitfalls to avoid during urodynamics	<i>J. Moreno Palacios</i>
<b>15.00</b>	Which catheter? Water perfusion vs air-charged vs microtip	<i>L. Leitner</i>
<b>15.30</b>	Break	
<b>15.30</b>	Additional value of video-urodynamics in neuro-urology	<i>M. Averbeck</i>
<b>15.45</b>	Ambulatory urodynamics: when? why?	<i>D. Vrijens</i>
<b>16.00</b>	Hands on training (4 stations with computer and urodynamic equipment, 20 minutes on each station)	<i>Garrido, Seabra Rios, Schurch, Fernandes</i>

**Objectives:**

- Review the terminology and standards for urodynamics
- Discuss special urodynamic considerations in SCI and MS patients
- Discuss limitations and advantages of different urodynamic catheters
- Obtain hands on experience interpreting urodynamic studies

**Target audience:** Clinicians interested in improving their urodynamic practice



## **Translational impact of animal models of neurologic diseases with urological symptoms**

*Naoki Yoshimura, Célia Cruz*

*Room: Besiktas*

<b>13.30</b>	SCI: Clinical aspects	<i>T. Kessler</i>
	SCI: Animal models	<i>A. Sartori</i>
<b>14.00</b>	Discussion	
<b>14.30</b>	Parkinsons: Clinical aspects	<i>J. Panicker</i>
	Parkinsons: Animal models	<i>N. Yoshimura</i>
	Discussion	
<b>15.00</b>	Break	
<b>15.15</b>	MS: Clinical aspects	<i>E. Philippova</i>
<b>15.30</b>	MS: Animal models	<i>C. Cruz</i>
	Discussion	
<b>16.00</b>	Alzheimers: Clinical aspects	<i>R. Sakakibara</i>
	Alzheimers: Animal models	<i>L. Birder</i>
	Discussion	

**Objectives:** • Discuss the new developments and advantages/disadvantages of the various animal models for the study of neuro-urological dysfunction after SCI, MS, Parkinson's, and Alzheimer's  
• Discuss the applicability of the results from preclinical experiments to the clinical treatment of patients with SCI, MS, Parkinson's, and Alzheimer's disease

**Target audience:** Scientists and clinicians interested in basic science/translational research

# WORKSHOPS **Thursday**

## **Neuourology for the general urologist**

*Cris Gomes, Michael Kennelly*

*Room: Beyoglu*

<b>13.30</b>	Neuropathophysiology of the lower urinary tract	<i>K. Peters</i>
<b>13.50</b>	Diagnostic workup	<i>L. Liao</i>
<b>14.10</b>	Pharmacotherapy in neuro-urology	<i>R. Kirschner-Hermanns</i>
<b>14.50</b>	Electrotherapy in neuro-urology	<i>H. Goldman</i>
<b>15.10</b>	Break	
<b>15.40</b>	Catheterization in neurogenic patients	<i>S. Vahr</i>
<b>16.30</b>	Surgical therapy in neuro-urological patients	<i>G. del Popolo</i>
<b>17.10</b>	Case presentations and discussion	<i>R. Kirschner-Hermanns, G. del Popolo</i>

**Objectives:** • Review the neuroanatomy of the lower urinary tract  
• Review medical therapy for neuourology patients  
• Review surgical therapy for neuourology patients  
• Case based approach to management of common neuro-urological scenarios

**Target audience:** Trainees and urologists interested in an introduction/ review of clinically relevant neuro-urology

## Neurosciences

*Jalesh Panicker & Ryuji Sakakibara*

*Room: Beyoglu*

<b>08.00</b>	Our understanding in 2019 of the neural networks responsible for lower urinary tract control	<i>B.F.M. Blok</i>
<b>08.30</b>	Sexual Dysfunction following Multiple Sclerosis and Stroke	<i>M. Hilz</i>
<b>09.00</b>	Can neurophysiology be used to understand the mechanism of action of sacral neuromodulation	<i>S. De Wachter</i>
<b>09.30</b>	What's the relationship between psychological co-morbidities and LUTS	<i>D. Vrijens</i>
<b>10.00</b>	Break	
<b>10.30</b>	Challenges in the management of LUTD in neurodegenerative disorders due to synucleinopathies	<i>R. Sakakibara</i>
<b>11.00</b>	Is there a role for pelvic neurophysiology testing in clinical neurourology practice?	<i>J. Panicker</i>
<b>11.30</b>	Neurological disorders presenting as Urinary retention	<i>S. Simeoni</i>
<b>12.00</b>	Lunch	

**Objectives:** Review the relevant advances in the understanding of the neurologic system and its control of urinary function

**Target audience:** Urologists and neurologists with an interest in the neurophysiology or neuroanatomy of bladder storage and voiding

# WORKSHOPS Friday

## Gladiators session

Howard Goldman & Blayne Welk

Room: Ortakoy

08.00	Coated vs uncoated catheters for CIC	M. Aeverbeck vs J. Moreno
08.30	Natural supplements should be used for the prevention of UTIs in neurourology	M. Mehrad vs S. Musco
09.00	Regular bladder irrigation should be part of the routine care in neuro-urology patients with indwelling catheters	L. Leitner vs J. Wyndaele
09.30	Aggressive treatment of upper tract stone disease vs conservative management	E. Braschi vs G. Garrido
10.00	Break	
10.30	Which channel is best for the bladder? Tunnelled (appendix, Monti) vs nipple valve	K. Sievert vs M. Kennelley
11.00	Bladder neck reconstruction: valuable treatment or waste of resources?	C. Gomes vs T. Purves
11.30	Chronic suppressive antibiotics still play a role in neurourology	A. Cameron vs G. Krivoborodov
12.00	Lunch	

**Objectives:** Discuss controversies in the clinical management of common neurourology scenarios

**Target audience:** Clinicians with an interest in the management of neuro-urology patients



## **Botulinum Toxin: Blessing or Curse?**

Thomas Kessler & Ulrich Mehnert

Room: Besiktas

<b>08.00</b>	Botulinum toxin in neurology: <i>From poison to medicine</i>	<i>D. Vodusek</i>
<b>08.20</b>	Botulinum toxin in urology: <i>The inventor's perspective</i>	<i>B. Schurch</i>
<b>08.40</b>	Specific equipment, preparation, position, injection	<i>R. Hamid</i>
<b>09.00</b>	Interactive discussion of complex cases	<i>All participants</i>
<b>10.00</b>	Break	
<b>10.30</b>	Optimizing botulinum toxin therapy for spasticity & bladder problems in the same patient	<i>K. Önem</i>
<b>10.50</b>	Interactive discussion of complex cases	<i>All participants</i>
<b>11.20</b>	Botulinum toxin in pediatric urology	<i>S. Hajibrahimi</i>
<b>11.40</b>	Future indications and application routes	<i>U. Mehnert</i>
<b>12.00</b>	Lunch	

**Objectives:** • *Understand the history behind the development of botulinum toxin for medical use and its beginning as a bladder therapy*  
• *Review how to properly administer intravesical botulinum toxin*  
• *Interactively discuss the management of complex cases using botulinum toxin*

**Target audience:** *Urologists looking to improve their usage of botulinum toxin especially optimizing the management of complex cases in daily practice*

# NURSE WORKSHOPS **Saturday**

**Nurse Workshop** in cooperation with EAUN and the Turkish Association of Urologic Nurses

Room: Ortakoy

*This workshop will also be translated to Turkish*

**Session 1:** Chairpersons : S. Vahr and K. Önem

**08.00 - 8.30** Neuro-physiology and neuro-pathophysiology of the lower urinary tract *H. Madersbacher*

**08.30 - 9.00** Diagnostic workup for neurogenic lower urinary tract dysfunction / discussion *K. Önem*

**09.15 - 09.45** Intermittent catheterization – the EAUN guidelines *S. Vahr*

**09.45 - 10.00** How to promote adherence to catheterization - new designs help? *S. Vahr*

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**10.00 - 10.30** Break

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**Session 2:** Chairpersons : M. Yavuz Van Giersbergen, R. Wirawan and H. Madersbacher

**10.30 - 11.10** Hands on training - intermittent catheterization *Chairpersons and Lecturers*

**11.10 - 11.45** Urodynamic studies – tips and tricks for nurses *D. Mair*

**11.45 - 12.00** Botulinumtoxin injections - preparation and injections: nurse perspective *J. Baldwin*

- Objectives:**
- Information on lower urinary tract function and neurogenic dysfunction
  - Assessment of neurogenic lower urinary tract dysfunction
  - How to do intermittent catheterization including hands-on training
  - The role of the nurse in urodynamic studies and botulinum injections

## **BJUI is the official journal of the Swiss Continenence Foundation**

Edited By: **Prokar Dasgupta**  
Impact Factor: **4.524**

*BJUI* provides the highest standard of research and clinical information for the urological community, keeping you aware of new advances and the best practice in urology.

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**WILEY**

# SCIENTIFIC PROGRAM

## Friday Overview Scientific Program

13.00	<b>Opening Remarks</b>	<i>H. Madersbacher &amp; B. Welk</i>
13.10	<b>Keynote Presentation:</b> The future development for improvement of clinical practice in neurourology	<b>B.F.M. Blok</b>
13.30	<b>Debate/cases/discussion:</b> Timing and necessity of urodynamics in the management of neuro-urological patients	
14.15	<b>Presentation/discussion:</b> Neuromodulation for the neurological patient	
14.45	<b>Presentation/discussion:</b> Diagnostic and therapeutic option for the underactive bladder	
15.15	<b>Case presentation/discussion:</b> Treatment of stress incontinence in patients with neurologic disease	
16.00	<b>Debate/discussion:</b> Urethral stricture in the neurological patient using IC	
16.20	<b>Presentation: PACS Lecture:</b> Fistula treatment in neuro-urology: Early management to definitive reconstruction	<b>S. Mourad</b>
16.45	Refreshment & Social at Poster sessions, with moderators leading a walkabout	



## Saturday Overview Scientific Program

08.00	<b>Presentation:</b> <i>EAN Lecture:</i> Neurogenic sexual dysfunction <i>TAU Lecture:</i> Neurogenic sexual dysfunction	<i>M. Hilz</i> <i>A. Kadioglu</i>
09.00	<b>Presentation &amp; discussion:</b> Urinary tract infections, neurogenic detrusor overactivity and reflux: their impact on the urinary tract	
10.15	<b>Young Talents competition</b>	
13.10	<b>Debate &amp; discussion:</b> Antimuscarinics versus beta-3 agonist?	
13.25	<b>BJUI lecture:</b> 25 years of translational research in OAB and neurogenic detrusor overactivity	
13.40	<b>Presentation &amp; discussion:</b> Obesity in neurourology: prevention and management during reconstructive surgery	
14.10	<b>Presentation &amp; discussion:</b> From lab to patient	
15.30	<b>Presentation:</b> Unusual neurological disorders for the urologist	
15.45	<b>Presentation:</b> <i>SBU Lecture:</i> Management of LUTS in patients with dementia	<i>J. A. Fernandes Silva</i>
16.00	<b>Presentation:</b> <i>IUA Lecture:</i> Lower urinary tract dysfunction in children: Is temporary diversion a solution?	<i>F. Sharifiaghdas</i>
16.20	<b>Presentation:</b> <i>ICS Lecture:</i> ICS consensus on LUTS presentations which could be early indicators of neurological disease	<i>M. Drake</i>
16.40	<b>Presentation:</b> The role of physiotherapy in the management of neurogenic LUT dysfunction	
16.55	<b>Presentation &amp; discussion:</b> Urinary infections after neurologic disease in 2020: challenges and solutions	
17.25	<b>Presentation:</b> <i>ICS Lecture:</i> New frontiers in medical treatment & catheter technology for UTIs	<i>G. del Popolo</i>

## **Friday Program in Depth**

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**12.00** Lunch

**13.00** **Opening Remarks**

*H. Madersbacher & B. Welk*

**13.10** **Keynote Presentation:**

**The future developments for improvement of clinical practice in neurourology** **B.F.M. Blok**

*Moderator: Helmut Madersbacher*

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**13.30** **Debate/cases/discussion:**

**Timing and necessity of urodynamics in the management of neuro-urological patients**

*Moderator: Thomas Kessler*

Part 1: Debate: Regular UDS save kidneys and lives

On demand UDS are more appropriate

*E. Finazzi Agro*

*M. Averbek*

Part 2: Case 1: Outlet procedures

Case 2: High grade VUR in a poorly compliant bladder

Case 3: Channel revision

*J. Lavelle*

*E. Philippova*

*S. Musco*

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## 14.15 **Presentation/discussion:** Neuromodulation for the neurological patient

*Moderator: Howard Goldman*

Where we started and where we are going  
Can we change disease progression?  
Is there a role in children?

*K. Peters  
S. De Wachter  
F. Sharifiaghdas*

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## 14.45 **Presentation/discussion:** Diagnostic and therapeutic options for the underactive bladder

*Moderator: Athanassios Oeconomou*

Is underactive bladder a myogenic or neurogenic condition?  
Diagnosis  
Therapy

*G. Van Koeveringe  
N. Katz  
D. Vrijens*

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## 15:15 **Case presentation & discussion:** Treatment of stress incontinence in patients with neurologic disease

*Moderator: Helmut Madersbacher*

Pathophysiology  
Female SCI Case & discussion  
Male SCI Case & discussion  
Spina bifida case & discussion

*R. Al Mousa  
L. Seabra Rios  
C. Gomes  
S. Hajibrahimi*

## **Friday Programme in Depth**

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**16.00**

**Debate & discussion:** *Urethral strictures in the neurological patient using IC*

*Moderator: Alejandro Aparicio*

Conservative management is best

Operative management is best

*J. Moreno-Palacios*

*R. Gomez*

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**16.20**

**Presentation: PACS Lecture: Fistula treatment in neuro-urology:  
Early management to definitive reconstruction**

***S. Mourad***

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**16.45**

**Poster Sessions:** *Refreshments & Social at Poster sessions,  
with moderators leading a walkabout*

Session 1: *Neuromodulation/stimulation*

Session 2: *Spinal circuits, brain imaging, and Botulinum toxin*

Session 3: *Other topics in Neuro and Functional Urology*





INNSBRUCK 2021  
INUS ANNUAL CONGRESS

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THE  
DATE**

**January 21-23rd**  
in Innsbruck, Austria

# SCIENTIFIC PROGRAM **Friday**

## **16.45** Poster Session 1: **Neuromodulation/stimulation**

*Moderators: K Peters, S Musco*

*Room: Besiktas*

<b>MP 1.1</b>	A Novel mixed modality treatment for refractory OAB in the underactive bladder	<i>Timm (Australia)</i>
<b>MP 1.2</b>	Real Time Navigation Assisted Sacral Neuromodulation: A New Technique for Lead implantation	<i>Onem (Turkey)</i>
<b>MP 1.3</b>	Sacral Anterior Root Stimulation without Rhizotomy	<i>Creasey (USA)</i>
<b>MP 1.4</b>	Experience with SARS in Suprasacral spinal cord injury patients: Lessons learned	<i>Gomez (Chile)</i>
<b>MP 1.5</b>	Sacral neuromodulation with InterStim® for voiding dysfunction in post-traumatic brain injury patients	<i>Gomes (Brazil)</i>
<b>MP 1.6</b>	Transcutaneous tibial nerve stimulation for treating neurogenic lower urinary tract dysfunction: a pilot study for an international multicenter randomized controlled trial	<i>Stalder (CH)</i>
<b>MP 1.7</b>	Optimizing clinical trial design using prospective cohort study data: a case study in neuro-urology	<i>Anderson (CH)</i>
<b>MP 1.8</b>	Development of an appropriate sham procedure to investigate transcutaneous tibial nerve stimulation in randomized, sham-controlled, double-blind clinical trials	<i>Stalder (CH)</i>
<b>MP 1.9</b>	Protocol for a nationwide randomized, sham-controlled, double-blind clinical trial of transcutaneous Tibial nerve stimulation in patients with Acute Spinal Cord Injury to prevent neurogenic detrusor overactivity (TASCI)	<i>Birkhäuser (CH)</i>
<b>MP 1.10</b>	Impact of deep brain stimulation of the mesencephalic locomotor region on lower urinary tract function of the rats after spinal cord injury	<i>Sartori (CH)</i>

## 16.45 Poster Session 2: Spinal circuits, brain imaging, and Botulinum toxin

Moderators: D Vrijens, B Blok

Room: Ortakoy

MP 2.1	Spinal circuits involved in the lower urinary tract function of the rat	Sartori (CH)
MP 2.2	Technical development of a novel lumbar spinal cord injury rat model to identify the essential neuronal circuitry controlling bladder function as a target for future cell therapy approaches	Afrashteh (Austria)
MP 2.3	Classification of Voiders versus Non-Voiders Multiple Sclerosis Patients by combining functional and structural Connectivity using Machine Learning Models	Karmonik (USA)
MP 2.4	Preliminary analysis of brain footprints of multiple sclerosis women with detrusor sphincter dyssynergia: a concurrent urodynamic and fMRI study	Khavari (USA)
MP 2.5	Altered white matter integrity in patients with neurogenic overactive bladder	Michels (CH)
MP 2.6	Scalp topography of lower urinary tract sensory evoked potentials	van der Lely (CH)
MP 2.7	Optimized measurement parameters of sensory evoked cortical potentials to assess human bladder afferents	van der Lely (CH)
MP 2.8	Sprouting of bladder afferents after spinal cord injury: the role of growth inhibitory protein Nogo-A at the lumbosacral spinal cord	Chambel (Portugal)
MP 2.9	Longitudinal follow up of Intravesical botulinum toxin in spinal cord injury – A single operator series	Timm (Australia)
MP 2.10	Prospective evaluation of intradetrusor injections of onabotulinum toxin A in adults with spinal dysraphism	Khavari (USA)
MP 2.11	The efficacy of Onabotulinumtoxin A in patients with Parkinson's disease and neurogenic detrusor overactivity	Arianayagama (Australia)

# SCIENTIFIC PROGRAM **Friday**

## **16.45 Poster Session 3: Other topics in Neuro and Functional Urology**

Moderators: R Hamid, E Filippova

Room: Beyoglu

<b>MP 3.1</b>	Spine surgery: When do we need preoperative catheterization? An assessment of care delivery	<i>Leitner (CH)</i>
<b>MP 3.2</b>	Time needed to perform intermittent catheterization: A randomized controlled cross-over study using hydrophilic and non-hydrophilic catheters in adults with spinal cord injury	<i>Krassiokov (Canada)</i>
<b>MP 3.3</b>	Use of assistive devices and technologies in patients with neurogenic lower urinary tract dysfunction due to traumatic spinal cord injury	<i>Palatkin (Russia)</i>
<b>MP 3.4</b>	Percutaneous Nephrolithotomy in patients with spinal cord pathology: A retrospective analysis of outcomes at Auckland City Hospital.	<i>Bahran (NZ)</i>
<b>MP 3.5</b>	Effect of Mirabegron in Patients with Myasthenia Gravis Disease and Overactive Bladder Symptoms	<i>Culha (Turkey)</i>
<b>MP 3.6</b>	The relationship between nocturnal enuresis in childhood and adult overactive bladder symptoms and sleep quality	<i>Selvi (Turkey)</i>
<b>MP 3.7</b>	Our acupuncture results in non-inflammatory chronic prostatitis (NIH Category IIIB) patients	<i>Bedirhan (Turkey)</i>
<b>MP 3.8</b>	Genetically mutated mice with type 2 diabetes mellitus present polyuria but not micturition disturbance	<i>Yoshiyama (Japan)</i>
<b>MP 3.9</b>	Comparison of water filled and air charged catheters for use in pressure flow study for female patients	<i>Fujiwara (Japan)</i>
<b>MP 3.11</b>	Proprioception in stress urinary incontinence: A narrative review.	<i>Kharaji (Iran)</i>
<b>MP 3.12</b>	Surgical Management of Urethral Catheter Injuries in the Spinal Cord Injury Patient	<i>Gomez (Chile)</i>



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# SCIENTIFIC PROGRAM **Saturday**

## **Saturday Program in Depth**

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**08.00**

**Debate/cases/discussion:**

Neurogenic Sexual Dysfunction in Multiple Sclerosis and after Stroke

Moderators: Charalampos Konstantinidis & Mehri Mehrad

**EAN Lecture – Neuroanatomic correlates**

**M. Hilz**

**TAU Lecture – Management in men**

**A. Kadioglu**

Management in women

*R. Kirschner-Hermanns*

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**09.00**

**Presentation & discussion:**

Urinary tract infections, NDO, and reflux: their impact on the urinary tract

Moderator: Kadir Önem

Urinary tract infections

*A. Cameron*

Neurogenic detrusor overactivity

*J. Castano*

Vesico-uretero-renal reflux

*T. Purves*

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**09.45**

**Break**

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# Saturday SCIENTIFIC PROGRAM

10.15

**Young Talents competition** Moderator: Ulrich Mehnert

*SCF Award jury 2020: Bertil F.M. Blok (the Netherlands), Cristiano M. Gomes (Brazil), Karl-Dietrich Sievert (Germany), Blayne Welk (Canada), Naoki Yoshimura (USA)*

*Functional parcellation of human periaqueductal gray at 7 Tesla fMRI: dynamic connectivity changes related to bladder sensation as potential functional imaging biomarkers* M. De Rijk (Netherlands)

*A study of DNA methylation of bladder cancer markers in urine and bladder tissue of patients with neurogenic lower urinary tract dysfunction (NLUTD)* P. Koukourikis (Greece)

*The placebo effect in patients with therapy for Overactive Bladder: A systematic review* H. Mostafaei (Austria)

*Neuromuscular urethral-recovery by transcutaneous neuromodulation in rats with birth trauma* J. L. P. Galicia (Mexico)

*Multichannel cortical recordings of lower urinary tract sensory evoked potentials* S. Van Der Lely (Switzerland)

12.15

**Lunch**

13.10

**Debate & discussion:** Antimuscarinics versus beta-3 agonist?

Counterpart discussion

Moderator: Giulio del Popolo

K. Everaert and B. Welk

# SCIENTIFIC PROGRAM **Saturday**

## **Saturday Program in Depth**

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**13.25**     **BJUI lecture: 25 years of translational research in OAB and neurogenic detrusor overactivity**     **P. Dasgupta**

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**13.40**     **Presentation & discussion:**  
**Obesity in neurourology: prevention and management during reconstructive surgery**  
*Moderator: K.D. Sievert*

Management and prevention with SCI	A. Krassioukov
Surgical challenges with the obese neurologic patient	L. Liao
Case presentation	G. Krivoborodov

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**14.10**     **Presentation & discussion: *From lab to patient***  
*Moderators: Naoki Yoshimura, Ryuji Sakakibara*

Novel therapeutic approaches to improve bladder function and morphology	L. Birder
Update on cellular signaling in neurogenic detrusor overactivity	C. Cruz
Understanding alternative botulinum toxins	B. Schurch
Update on the pathophysiology of nocturia in neuro-urology	K. Everaert
Fowler's syndrome and dysfunctional voiding: Is it a learnable process at pontine center?	D. Vrijens

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**15.00**     **Break**

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## Saturday SCIENTIFIC PROGRAM

15.30	<b>Presentation:</b> Unusual neurological disorders for the urologist	J. Panicker
15.45	<b>Presentation: SBU Lecture: Management of LUTS in patients with dementia</b> Moderator: Gustavo Garrido	J. Fernandes Silva
16.00	<b>Presentation: IUA Lecture: Lower urinary tract dysfunction in children: Is temporary diversion a solution?</b>	F. Sharifiaghdas
16.20	<b>Presentation: ICS Lecture: ICS consensus on LUTS presentations which could be early indicators of neurological disease</b>	M. Drake
16.40	<b>Presentation:</b> The role of physiotherapy in the management of neurogenic LUT dysfunction	N. Carciangiu
16.55	<b>Presentation &amp; discussion:</b> Urinary infections after neurologic disease in 2020: challenges and solutions Moderator: Lorenz Leitner  The burden of the UTIs in neurologic disease Understanding the pathogenesis Can we even define them?	E. Braschi M. Kennelly J. Wyndaele
17.25	<b>Presentation: ICS Lecture: Intermittent catheterization and UTI: what's new?</b>	G. del Popolo
17.40	<b>End</b>	

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Type	Early Bird	Common Price
<b>Meeting incl. refreshment &amp; lunch</b>	EUR 450,00	EUR 550,00
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<b>Workshop only</b>	EUR 50,00	EUR 80,00

## CME Accreditation

The following CME credits will be granted:

European Accreditation Council for Continuing Medical Education  
(EACCME®) **16 credits**



**SPECIAL EVENTS**

# *INUS Gala Dinner*

Saturday 25.01.2020, 19:30  
Panorama Restaurant of the Marmara Taksim Hotel



Price for Participation **EUR 90,00**



# ICS 2020 LAS VEGAS

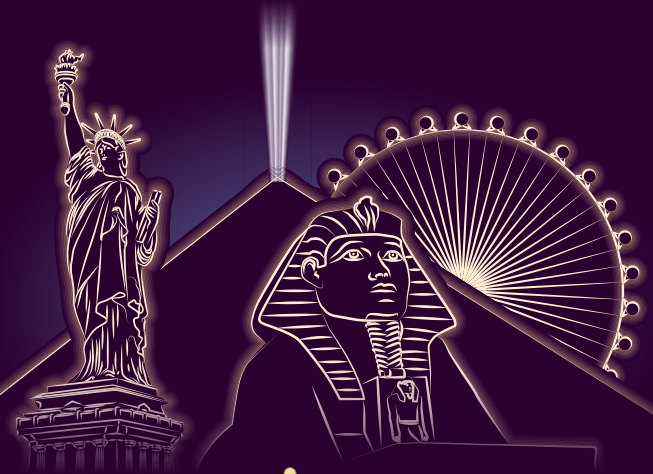
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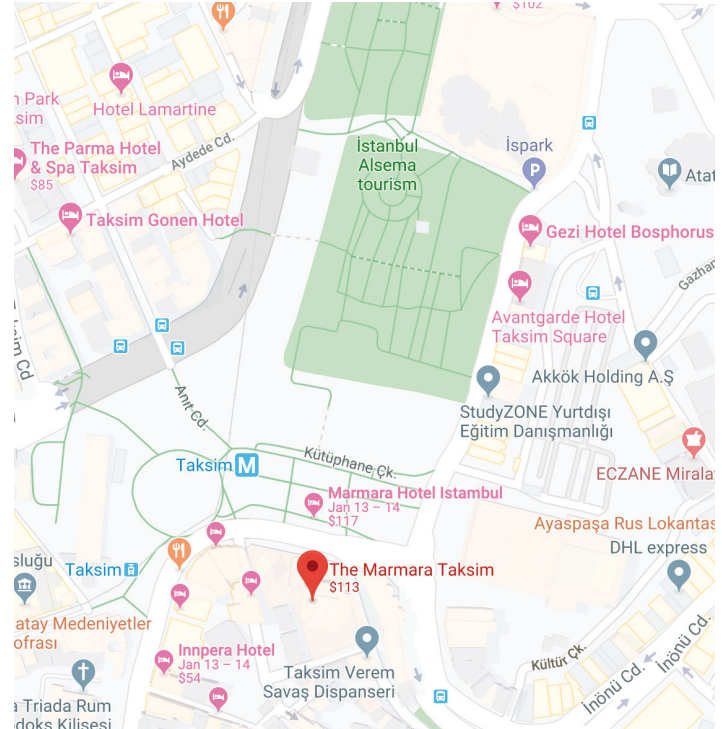


# VENUE DETAILS

## Venue

### The Marmara Taksim Hotel

Taksim Meydanı, Taksim  
Istanbul, Turkey 34437



## Travel Info

**The Marmara Taksim and Point Hotels are located in Taksim Area.**

### **Distance and Transportation from / to Airports.**

**From Istanbul Airport (IST) to Taksim Square: 45km**

- Havaist, IETT and Istanbul Seyahat offer services to passengers who are looking to access Istanbul Airport via public transportation. To get detailed information about the departure points, routes, route distances and the departure times of HAVAIST shuttles please visit <https://hava.ist/en/new-timetables>  
The shuttle fee is 18 TL.

- Taxi service is offered at the Istanbul Airport 24/7, thereby covering both flight times as well as all periods outside of flight schedules. Three types of taxis are utilized for this service, comprised of black "E" type, blue "D" type, and orange "C" type taxis.

**From Sabiha Gokcen Airport (SAW) to Taksim Square: 44 km**

- Shuttles working between Taksim and Sabiha Gokcen Airport every half an hour. The duration of the trip is about an hour and a half depending on the city traffic, the shuttle fee is 18 TL. Please visit HAVABUS company website for the schedule and the tariff information.

- Taxi service is offered at the Istanbul Airport 24/7, thereby covering both flight times as well as all periods outside of flight schedules. Three types of taxis are utilized for this service, comprised of black "E" type, blue "D" type, and orange "C" type taxis.

**Private Transportation:** From airport to hotel/ one way: 90 EUR per person.  
Please contact: [alen.demirel@brosgroup.net](mailto:alen.demirel@brosgroup.net) (with INUS 2020 reference)



## **ISTANBUL CLASSICS TOUR**

**(09:00 – 13:00, 26 January 2020) for participants**

HIGHLIGHTS: TOPKAPI PALACE, CAFERAGA MEDRESE,  
HAGIA IRENE CHURCH (FROM OUTSIDE), SOGUKCESME STREET  
*Meet the guide at the lobby of your hotel*



## **Sunday's Walks BALAT TO TEKFUR TOUR: Mystery walk in the Old Town**

**(09:00 – 13:00, 26 January 2020) for participants**

HIGHLIGHTS: BULGARIAN CHURCH, AYAZMA OF BLACHERNA,  
SYNAGOGUES  
*Meet the guide at the lobby of your hotel*

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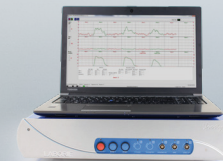
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# GOODBYE

## We invite you to join the INUS Annual Congress 2021

Dear Congress participant,  
We thank you for having attended this Annual INUS Congress in Istanbul. We hope you enjoyed the program and could benefit. We are looking forward to welcoming you 2021 to our next congress taking place in Innsbruck (Austria) January 21 – 23



Helmut Madersbacher  
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