4th International Neuro-Urology Meeting









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Swiss Continence Foundation

The Swiss Continence Foundation is a non-profit organization founded in April 2011 with the goal of supporting and advancing research and further 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 we depend on your financial support and would be very pleased to receive a donation.



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Welcome

Dear Friends and Colleagues, Ladies and Gentlemen

It is our great honour and pleasure to invite you to attend the **4th International Neuro-Urology Meeting**, to be held in Zürich, Switzerland, from **27-29th August 2015**.

Lower urinary tract dysfunction is highly prevalent and affects the lives of millions of people worldwide. It has a major impact on quality of life and sexuality and, besides the debilitating manifestations for patients, it also imposes a substantial economic burden on every healthcare system. Neuro-Urology is now a well-established and highly regarded sub-speciality bridging the fields of both Neurology and Urology. The world's leading experts in Neuro-Urology will provide an overview on this rapidly developing and exciting discipline. This unique meeting combines state-of-the-art lectures, lively panel discussions, and hands-on workshops. Emphasis is placed on the interactive component. There will be many opportunities to exchange thoughts, experiences and ideas and also make new friendships.

Neuro-Urology needs outstanding young researchers and clinicians – they are our speciality's future! Therefore, we are excited to announce the prestigious **Swiss Continence Foundation Award of 10'000 Swiss francs** which will be awarded to the best contribution from a young Neuro-Urology talent at the 4th International Neuro-Urology Meeting.

We are extremely honoured to be organising the 4th International Neuro-Urology Meeting and are looking forward to seeing you in Zürich.

Best regards

Ass. Prof. Thomas M. Kessler

Chairman Swiss Continence Foundation

Dr. Ulrich Mehnert

Vice-Chairman Swiss Continence Foundation

Meeting faculty

Prof. Waleed Al Taweel, Al Faisal University, Riyadh, Saudi Arabia

Prof. Karl-Erik Andersson, Aarhus University, Aarhus, Denmark

Ass. Prof. Apostolos Apostolidis, University of Thessaloniki, Thessaloniki, Greece

Ass. Prof. Márcio A. Averbeck, Moinhos de Vento Hospital, Porto Alegre, Brazil

Prof. Bertil F. M. Blok, Erasmus Medical Center, University of Rotterdam, Rotterdam, the Netherlands

Prof. Homero Bruschini, University of São Paulo, São Paulo, Brazil

Prof. David Castro-Diaz, University Hospital of the Canary Islands, Tenerife, Spain

Prof. Emmanuel Chartier-Kastler, Groupe Hospitalier Pitié-Salpêtrière, Pierre et Marie Curie Medical School, Paris, France

Prof. Jacques Corcos, Jewish General Hospital, Montreal, Canada

Prof. Michael D. Craggs, University College London Hospitals and Spinal Injuries Centre, London, UK

Prof. Francisco Cruz, Hospital de S. Joao and Faculty of Medicine of Porto, Porto, Portugal

Prof. Armin Curt, Balgrist University Hospital, Zürich, Switzerland

Dr. Melissa C. Davies, Salisbury NHS Foundation Trust, Salisbury, UK

Prof. Giulio Del Popolo, Careggi University Hospital, Florence, Italy

Prof. Pierre Denys, Raymond Poincaré University Hospital, Garches, France

Prof. Dirk de Ridder, University Hospital Leuven, Leuven, Belgium

Prof. Stefan de Wachter, Antwerp University Hospital, Antwerp, Belgium

Dr. Sohier Elneil, University College Hospital and National Hospital for Neurology and Neurosurgery, London, UK

Prof. Enrico Finazzi-Agrò, University of Rome Tor Vergata, Rome, Italy

Prof. Martin Flück, Balgrist University Hospital, Zürich, Switzerland

Ass. Prof. Claudius Füllhase, Rostock University Hospital, Rostock, Germany

Prof. Jerzy Gajewski, Dalhousie University, Halifax, Canada

Dr. Jan Groen, Erasmus Medical Center, University of Rotterdam, Rotterdam, the Netherlands

Mr. Rizwan Hamid, University College London Hospitals and Spinal Injuries Centre, London, UK

Dr. Magdy M. Hassouna, University of Toronto, Toronto, Canada

Ass. Prof. Francis M. Hughes Jr., Duke University Medical Center, Durham, USA

Ass. Prof. Thomas M. Kessler, Balgrist University Hospital, Zürich, Switzerland

Prof. Ruth Kirschner-Hermanns, Neurological Rehabilitation Centre Godeshöhe, University of Bonn, Bonn, Germ



Dr. Gustav Kiss, University Hospital Innsbruck, Innsbruck, Austria

Dr. Charalampos Konstantinidis, National Rehabilitation Center, Athens, Greece

Prof. Limin Liao, China Rehabilitation Research Center, Beijing, China

Prof. Helmut Madersbacher, University Hospital Innsbruck, Innsbruck, Austria

Dr. Andrei V. Manu-Marin, Hospital Prof. D. Gerota, Bucharest, Romania

Dr. Ulrich Mehnert, Balgrist University Hospital, Zürich, Switzerland

Dr. Jalesh N. Panicker, Institute of Neurology and National Hospital for Neurology and Neurosurgery, London, UK

Prof. Jürgen Pannek, Swiss Paraplegic Center, Nottwil, Switzerland

Prof. Marios C. Papadopoulos, St. George's University of London, London, UK

Dr. Véronique Phé, Institute of Neurology and National Hospital for Neurology and Neurosurgery, London, UK

Prof. J. Todd Purves, Duke University Medical Center, Durham, USA

Prof. Ryuji Sakakibara, Toho University Sakura Medical Center, Chiba, Japan

Prof. Werner Schäfer, Pittsburgh University, Pittsburgh, USA

Ass. Prof. Daniel Max Schmid, University Hospital Zürich, Zürich, Switzerland

Dr. Marc P. Schneider, University of Zürich and Swiss Federal Institute of Technology Zürich, Zürich, Switzerland

Ass. Prof. Martin Schubert, Balgrist University Hospital, Zürich, Switzerland

Prof. Brigitte Schurch, University Hospital Lausanne, Lausanne, Switzerland

Prof. Jan M. Schwab, The Ohio State University, Columbus, USA

Prof. Martin E. Schwab, University of Zürich and Swiss Federal Institute of Technology Zürich, Zürich, Switzerland

Prof. Stephen W. Seager, George Washington University Medical Center, Washington D.C., USA

Mr. Julian Shah, University College London Hospitals and Spinal Injuries Centre, London, UK

Prof. Karl-Dietrich Sievert, University of Salzburg, Salzburg, Austria

Prof. Roberto Soler, University of São Paulo, São Paulo, Brazil

Dr. Michele Spinelli, Niguarda Hospital, Milan, Italy

Dr. Ruth Stiller, University Hospital Zürich, Zürich, Switzerland

Prof. Philip E. van Kerrebroeck, University Hospital Maastricht, Maastricht, the Netherlands

Prof. Gommert A. van Koeveringe, University Hospital Maastricht, Maastricht, the Netherlands

Prof. Claudia A. Wheeler-Kingshott, UCL Institute of Neurology, London, UK

Prof. Sebastian Wille, University of Cologne, Cologne, Germany



Workshops & supplementary meetings

Wednesday 26 August 2015

13.30 - 19.00 ICS Neuro-Urology promotion committee meeting

Albis 1 & 2

(panel members only)

Thursday 27 August 2015

08.00 - 12.00 ICS Neuro-Urology promotion committee meeting

Albis 1 & 2

(panel members only)

08.00 – 12.00 **WORKSHOP A: Botulinum toxin A intradetrusor injections**

Linde 5

Chairs:

Apostolos Apostolidis, Francisco Cruz

Tutors:

Dirk de Ridder, Rizwan Hamid, Daniel Max Schmid, Brigitte Schurch

08.00 – 12.00 WORKSHOP B: Urodynamics - essentials and challenges

Letzisaal

Chairs:

Enrico Finazzi-Agrò, Werner Schäfer

Tutors:

Stefan de Wachter, Jan Groen,

Ruth Kirschner-Hermanns, Jürgen Pannek



Workshops & supplementary meetings

Thursday 27 August 2015

08.00 – 12.00 WORKSHOP C: Towards a catheter-free patient with spinal cord injury Europasaal

<u>Chairs:</u> Thomas M. Kessler, Philip E. van Kerrebroeck

Neuro-urological treatment and follow-up strategies in spinal cord injury Pierre Denys

New neuromodulation/-stimulation techniques in neurogenic lower

urinary tract dysfunction due to spinal cord injury Karl-Dietrich Sievert

New pharmacological strategies in neurogenic lower urinary tract

dysfunction due to spinal cord injury

Karl-Erik Andersson

New neuroimaging techniques in neuro-urology

Translational neuro-urological research in spinal cord injury

Martin E. Schwab

Discussion panel: Karl-Erik Andersson, Bertil F. M. Blok, Jacques Corcos, Michael D. Craggs,

Armin Curt, Giulio Del Popolo, Pierre Denys, Dirk de Ridder, Claudius Füllhase, Gustav Kiss, Rizwan Hamid, Francis M. Hughes, Charalampos Konstantinidis, Limin Liao, Helmut Madersbacher, Jalesh N. Panicker, Marios C. Papadopoulos, Véronique Phé, J. Todd Purves, Marc P. Schneider, Martin Schubert, Jan M. Schwab,

Martin E. Schwab, Karl-Dietrich Sievert, Michele Spinelli, Gommert van Koeveringe, Claudia A. Wheeler-Kingshott



Bertil F. M. Blok

Workshops & supplementary meetings

Friday 28 August 2015

13.15 – 17.30 WORKSHOP: animal models in Neuro-Urology Linde 5

Chairs: Claudius Füllhase, Marc P. Schneider

Translational research in spinal cord injury: from bench to bedside

Martin E. Schwab

Do we need standardized animal urodynamics?

Karl-Erik Andersson

Brain lesion models and knockout mice in lower urinary tract research

Claudius Füllhase

Different bladder dysfunction models in rodents Francis M. Hughes, J. Todd Purves

Gender differences in animal urodynamics

Roberto Soler

Systematic review on lower urinary tract assessment in rodents

Marc P. Schneider

<u>Discussion panel:</u> Karl-Erik Andersson, Jacques Corcos, Francisco Cruz, Ana Coelho, Dirk de Ridder,

Martin Flück, Francis M. Hughes, Jerzy Gajewski, J. Todd Purves, Jan M. Schwab,

Martin E. Schwab, Roberto Soler, Gommert A. van Koeveringe

Saturday 29 August 2015

08.00 – 10.00 ICS bbrain working group meeting Letzisaal

(panel members only)

14.30 - 19.00 **EAU Guidelines on Neuro-Urology meeting** Albis 1 & 2

(panel members only)



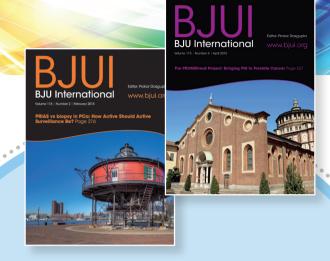
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Edited By: Prokar Dasgupta

Impact Factor: 3.533

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Scientific programme | I Thursday 27 August 2015

13.00 – 13.10	Welcome		Thomas M. Kessler, Ulrich Mehnert	
13.10 – 15.00	Neuro-physiology of lower urinary tract (dys)function Afferent and efferent processes at lower urinary tract and peripheral nerve level			Apostolos Apostolidis
	Afferent and efferent processes at spinal and supraspinal level		I	Bertil F. M. Blok
	What can we learn from the animal model?			Martin E. Schwab
	Discussion panel:	Karl-Erik Andersson, Apostolos Apostolic Helmut Madersbacher, Martin E. Schwab		
15.00 - 15.30	Welcome reception			
15.30 - 15.50	State-of-the-art lect Spinal cord injury - 1	t ure the basic model for Neuro-Urology		Armin Curt



Scientific programme | I Thursday 27 August 2015

15.50 - 17.50	Diagnostics for neurogenic lower urinary tract dysfunction Standard vs ambulatory urodynamics - new advances in sight? Sebastian Wille			
	Complementing urodynamics - the value of electrical perception thresholds Neurophysiological workup of lower urinary tract function - techniques and rationale Pitfalls in urodynamics		Stefan de Wachter	
			Martin Schubert	
			Enrico Finazzi-Agrò	
	Discussion panel:	Stefan de Wachter, Enrico Finazzi-Agrò, Jerzy Gajewski Werner Schäfer, Martin Schubert, Sebastian Wille	, Ryuji Sakakibara,	
17.50 - 18.20	•	ogy in Neuro-Urology - participation of audience highly appreciated!	Jerzy Gajewski	
18.20 - 18.30	Announcement of t	he International Neuro-Urology Society	Helmut Madersbacher	



Promoting the next generation in the field



Scientific programme | Friday 28 August 2015

08.00 – 09.30 **(In)Fertility**

Fertility aspects in females and males Giulio Del Popolo

Who brings the babies to the infertile couple? Ruth Stiller

Electroejaculation - its history and present considerations Stephen W. J. Seager

Beyond fertility in the neurological patient -

perspectives of a uro-gynaecologist Sohier Elneil

<u>Discussion panel:</u> Giulio Del Popolo, Sohier Elneil, Charalampos Konstantinidis,

Stephen W. J. Seager, Michele Spinelli, Ruth Stiller

09.30 – 10.00 Coffee break



Scientific programme | Friday 28 August 2015

10.00 – 12.30 Young talents in Neuro-Urology

Seven upcoming talents in the field will present their latest scientific findings and compete for The Swiss Continence Foundation Award of 10'000 Swiss francs.

Application and awarding criteria can be reviewed at www.swisscontinencefoundation.ch.

<u>Award jury:</u> Emmanuel Chartier-Kastler

Francisco Cruz

Thomas M. Kessler

Helmut Madersbacher

Gommert A. van Koeveringe

12.30 – 13.30 Lunch break



Scientific programme | Friday 28 August 2015

13.30 – 15.30 **Conservative and minimally invasive treatment**

Pills and patches to treat lower urinary tract symptoms Helmut Madersbacher

Advantages and disatvantages of botulinum toxin intradetrusor injections Francisco Cruz

External neuromodulation - more than acupuncture? Véronique Phé

Implanted neuromodulation systems - approach and evidence Michele Spinelli

<u>Discussion panel:</u> Melissa C. Davies, Francisco Cruz, Helmut Madersbacher, Andrei V. Manu-Marin,

Véronique Phé, Karl-Dietrich Sievert, Michele Spinelli

15.30 – 16.00 Tea break

16.00 – 17.30 **WORKSHOP for all: Hands-on sacral neuromodulation**

Tutors: Márcio A. Averbeck, Bertil F. M. Blok, David Castro-Diaz,

Emmanuel Chartier-Kastler, Jacques Corcos, Giulio Del Popolo, Dirk de Ridder,

Stefan de Wachter, Jerzy Gajewski, Jan Groen, Rizwan Hamid,

Magdy M. Hassouna, Gustav Kiss, Limin Liao, Véronique Phé, Daniel Max Schmid,

Karl-Dietrich Sievert, Michele Spinelli, Philip E. van Kerrebroeck,

Gommert A. van Koeveringe

17.30 – 18.00 **Revelation of the unexpected**

Philip E. van Kerrebroeck

Scientific programme | Friday 28 August 2015 | NURSING DAY

08.30 – 10.00	Neuro-physiology of lower urinary tract, sexual and bowel (dys)function Helmut Madersbacher & Dora Mair
10.00 - 10.30	Coffee break
10.30 - 12.00	Diagnostics in Neuro-Urology Basic diagnostic: Philip E. van Kerrebroeck & Kevin Rademakers Urodynamic workshop: Márcio A. Averbeck & Andrea Ungricht
12.00 - 13.00	Lunch break
13.00 - 15.00	Treatments in Neuro-Urology Conservative treatment: Giulio Del Popolo & staff nurse Surgical treatment: Julian Shah & staff nurse
15.00 - 15.30	Tea break
15.30 - 16.30	Recurrent urinary tract infections Pierre Denys & staff nurse
16.30 - 17.30	Catheterization: A major challenge in Neuro-Urology Jalesh N. Panicker & Gwen Gonzales & Collette Haslam





SAVETHE DATE! CONTINENCE FOUNDATION



Scientific programme | | Saturday 29 August 2015

OB.00 – **10.00 Surgical treatments**

Transurethral surgery David Castro-Diaz

Prolaps surgery and slings Dirk de Ridder

Prostheses Emmanuel Chartier-Kastler

Urinary diversion Julian Shah

<u>Discussion panel:</u> Waleed Al Taweel, Homero Bruschini, David Castro-Diaz,

Emmanuel Chartier-Kastler, Dirk de Ridder, Julian Shah,

Karl-Dietrich Sievert

10.00 – 10.30 Coffee break



Scientific programme | I Saturday 29 August 2015

10.30 – 13.00 **Challenges in Neuro-Urology**

From birth to adulthood Gustav Kiss

Urinary tract infection Jürgen Pannek

Underactive detrusor Gommert A. van Koeveringe

Intermittent self-catheterization Jacques Corcos

Polypharmacy Jalesh N. Panicker

<u>Discussion panel:</u> Jacques Corcos, Pierre Denys, Gustav Kiss, Helmut Madersbacher,

Jalesh N. Panicker, Jürgen Pannek, Gommert A. van Koeveringe

13.00 – 13.10 **Conclusions** Thomas M. Kessler, Ulrich Mehnert

13.10 - 13.30 General assembly of the International Neuro-Urology Society:

member admission, membership fee, orientation

13.30 Farewell lunch



CME accreditation

The following CME credits will be granted:

European Accreditation Council for Continuing Medical Education (EACCME®) - 15 credits

Schweizerische Gesellschaft für Allgemeine Innere Medizin (SGIM) - 21.5 credits

Schweizerische Gesellschaft für Gynäkologie und Geburtshilfe (SGGG) - 22 credits

Schweizerische Gesellschaft für Kinderchirurgie (SGKC) - 20 credits

Schweizerische Gesellschaft für Urologie (SGU) - 22 credits

Schweizerische Neurologische Gesellschaft (SNG) - 14 credits



Registration

Please register online through our website: www.swisscontinencefoundation.ch

Attendance fees for registration until 20th July 2015

Meeting (including refreshments and lunches) Special fee for residents/PhD students (proof of status required)	450 CHF 250 CHF
Workshop (including refreshments and lunch)	120 CHF
Nursing day (including refreshments and lunch)	
Gala dinner (including beverages and VAT)	165 CHF

Attendance fees for registration after 20th July 2015

Meeting (including refreshments and lunches) Special fee for residents/PhD students (proof of status required)	550 CHF 350 CHF	
Workshop (including refreshments and lunch)	160 CHF	
Nursing day (including refreshments and lunch)		
Gala dinner (including beverages and VAT)		





Venue details

Venue

BEST WESTERN

Hotel Spirgarten

Lindenplatz 5

CH-8048 Zürich

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Directions

By plane: Zürich airport is one of the most modern airports in Europe. There are regular flights to Zürich from most countries and major cities of the world. From Zürich airport, you reach the meeting venue easily by car/taxi (30-45 min) or by train (15-20 min to Zürich Altstetten station). From Zürich Altstetten station you reach the meeting venue by bus (7 min, lines 78 and 80, bus stop "Lindenplatz") or by walking (10 min).

By train: Switzerland has an excellent public transportation system. The Zürich main station (Zürich HB) can be regularly reached from all major Swiss cities. There are also high-speed and overnight trains from major cities in Germany, Italy and France. From Zürich main station it is only a 5 min train ride to Zürich Altstetten station from where the meeting venue can be reached by walking (10 min), bus (7 min, lines 78 and 80) or car/taxi (3 min).

By car: Zürich has excellent road connections to all major Swiss cities and the surrounding countries. However, we recommend to use public transport if possible as parking spaces are limited.

<u>Public transport in Zürich</u>: Zürich has one of the most efficient public transportation systems in the world. The Zürich Altstetten station is in walking distance (10 min) to the meeting venue and offers frequent direct train connections to Zürich main station, Zürich airport and several other distinations in Switzerland.

In direct proximity to the meeting venue are the tram and bus stops "Lindenplatz" which are conveniently connected with Zürich Altstetten station (bus lines 78 and 80) and the city center (tram line 2). The bus and tram stops "Lindenplatz" can be reached as follows:

From Zürich main station (Zürich HB):

– take one of the frequent trains to Zürich Altstetten, e.g. S9 (direction Zug), S15 (direction Affoltern a. A.), S12 (direction Brugg). Change at Zürich Altstetten station to bus line 78 (direction Zürich, Dunkelhölzli) or 80 (direction Zürich, Triemlispital), with either bus line, "Lindenplatz" is the second stop (7 min).

From city center, i.e. tram stop Paradeplatz or Bellevue:

– tram line 2 -> in the direction of Farbhof, Lindenplatz is 12th or 14th stop respectively (18-24 min).



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Special events

Friday 28 August 2015

19.30

Gala dinner (with Swiss Continence Foundation Award ceremony)
Enjoy a swiss apéro and a delicious 4-course meal on the top of Zürich.
The Restaurant Uto Kulm on the top of the Uetliberg provides gourmet cuisine and a breath-taking view on the Zürich lake and city.



The Uetliberg train (S10) brings you to the top of the most beautiful local mountain in Switzerland. From the final station, "Uetliberg", you will arrive at the restaurant after a pleasant seven-minute walk through the woods.



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