

4th International Neuro-Urology Meeting

Zürich, Switzerland | 27 – 29 August 2015



in association with



World-class medicine for better quality of life

Swiss Continenence Foundation

The Swiss Continenence 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.



Bank details of the Swiss Continenence Foundation:

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www.swisscontinenencefoundation.ch

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. Averbek, 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-Díaz, 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, Germany
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. Stephen W. Seager, George Washington University Medical Center, Washington D.C., 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
Mr. Julian Shah, University College London Hospitals and Spinal Injuries Centre, London, UK
Prof. Karl-Dietrich Sievert, University of Salzburg, Salzburg, Austria
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 Koeveeringe, 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 (panel members only)	Albis 1 & 2
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Thursday 27 August 2015

08.00 - 12.00	ICS Neuro-Urology promotion committee meeting (panel members only)	Albis 1 & 2
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08.00 – 12.00	WORKSHOP A: Botulinum toxin A intradetrusor injections	Letzisaal
	<u>Chairs:</u> Apostolos Apostolidis, Francisco Cruz	
	<u>Tutors:</u> Dirk de Ridder, Rizwan Hamid, Daniel Max Schmid, Brigitte Schurch	

08.00 – 12.00	WORKSHOP B: Urodynamics - essentials and challenges	Linde 5
	<u>Chairs:</u> Enrico Finazzi-Agrò, Werner Schäfer	
	<u>Tutors:</u> 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

Chairs: 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 Bertil F. M. Blok

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, Jürgen Pannek, 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 Koevinge, Claudia A. Wheeler-Kingshott

Workshops & supplementary meetings

Friday 28 August 2015

13.15 – 17.30	WORKSHOP: Animal research	Albis 1 & 2
	<u>Chairs:</u> Claudius Füllhase, Marc P. Schneider	
	<u>Discussion panel:</u> Karl-Erik Andersson, Jacques Corcos, Michael D. Craggs, Francisco Cruz, Dirk de Ridder, Martin Flück, Francis M. Hughes, Marios C. Papadopoulos, J. Todd Purves, Jan M. Schwab, Martin E. Schwab, Gommert A. van Koeveringe	

Saturday 29 August 2015

08.00 – 10.00	ICS bbrain working group meeting (panel members only)	Letzisaal
14.00 - 19.00	EAU Guidelines on Neuro-Urology meeting (panel members only)	Albis 1 & 2

BJUI

BJU International

BJUI is now the official journal of the Swiss Continence Foundation

Edited By: Prokar Dasgupta
Impact Factor: 3.533

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 programme | 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	Bertil F. M. Blok
	What can we learn from the animal model?	Martin E. Schwab
	<u>Discussion panel:</u> Karl-Erik Andersson, Apostolos Apostolidis, Bertil F. M. Blok, Limin Liao, Helmut Madersbacher, Martin E. Schwab	
15.00 - 15.30	Tea break	
15.30 - 15.50	State-of-the-art lecture	
	Spinal cord injury - the basic model for Neuro-Urology	Armin Curt

Scientific programme | 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	Stefan de Wachter
	Neurophysiological workup of lower urinary tract function - techniques and rationale	Martin Schubert
	Pitfalls in urodynamics	Enrico Finazzi-Agrò
	<u>Discussion panel:</u>	Stefan de Wachter, Enrico Finazzi-Agrò, Jerzy Gajewski, Ryuji Sakakibara, Werner Schäfer, Martin Schubert, Sebastian Wille
17.50 - 18.30	Update on terminology in Neuro-Urology	Jerzy Gajewski
	OPEN DISCUSSION - participation of audience highly appreciated!	

Promoting the next generation in the field

Who is next
to compete for
a prize money
of 10'000 CHF



www.swisscontinencefoundation.ch

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

Discussion panel: 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.

Award jury:

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 disadvantages 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	
	<u>Tutors:</u> 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 Koevinge	
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 & staff nurse
Urodynamic workshop: Márcio A. Averbeck & staff nurse

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

Promoting the next generation in the field



The Swiss Continence Foundation Award 2015

www.swisscontinencefoundation.ch

Scientific programme | Saturday 29 August 2015

08.00 – 10.00

Surgical treatments

Transurethral surgery

David Castro-Diaz

Prolaps surgery and slings

Dirk de Ridder

Prostheses

Emmanuel Chartier-Kastler

Urinary diversion

Julian Shah

Discussion panel:

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 | 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

Discussion panel: Jacques Corcos, Pierre Denys, Gustav Kiss, Helmut Madersbacher,
Jalesh N. Panicker, Jürgen Pannek, Gommert A. van Koeveringe

13.00 – 13.15

Conclusions

Thomas M. Kessler, Ulrich Mehnert

13.15

Farewell lunch

Venue details

Venue

BEST WESTERN

Hotel Spirgarten

Lindenplatz 5

CH-8048 Zürich

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F: +41 (0)44 438 1538



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.

Public transport in Zürich: 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 destinations 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).

Special events

Friday 28 August 2015

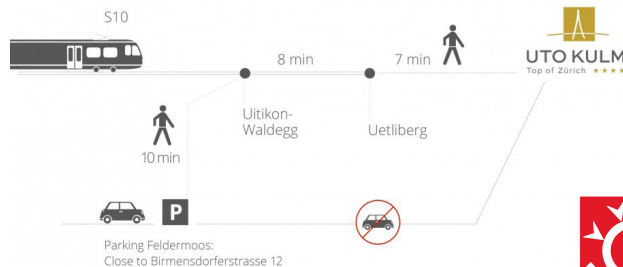
19.30

Gala dinner (with Swiss Continenace 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.



Spinal Cord Injury Center

At the Spinal Cord Injury Center of the Balgrist University Hospital, we are a team of internationally recognized specialists in neurology, urology, spine surgery and musculoskeletal disorders with advanced expertise in spinal cord injury. We provide highly specialized, interdisciplinary and patient-centered medical care.

As part of the University of Zürich, we have a strong emphasis on teaching and cutting edge research.



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)	450 CHF
Special fee for residents/PhD students (proof of status required)	250 CHF
Workshop (including refreshments and lunch)	120 CHF
Nursing day (including refreshments and lunch)	130 CHF
Gala dinner (including beverages and VAT)	165 CHF

Attendance fees for registration after 20th July 2015

Meeting (including refreshments and lunches)	550 CHF
Special fee for residents/PhD students (proof of status required)	350 CHF
Workshop (including refreshments and lunch)	160 CHF
Nursing day (including refreshments and lunch)	170 CHF
Gala dinner (including beverages and VAT)	165 CHF

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