

HALF-TIME MEETING OF THE NEURO-UROLOGY PROMOTION COMMITTEE

Videoconference on Friday February 21st -13:00 GMT (14:00 MET) Minutes

Participants: E.F. Agro, M. Averbeck, H. Bruschini, E. Chartier-Kastler, J. Gajewski, T. Kessler, L. Liao, H. Madersbacher, J. Panicker, R. Sakakibara, B. Schurch, W. Altaweel

Unable to participate: M. Davis, P. Gomery, A. Manu-Marin

1. **Minutes of the meeting in Barcelona on August 26th 2013** (see attachment)
HM asked if any changes/additions required? Everyone happy with minutes- all confirmed.
2. **Recommendations / guidelines for the urological management of patients with cerebral diseases and LUTS**
 - a. **Report of the chairmen of the three subcommittees – Marcio Averbeck, Thomas Kessler, Ryuji Sakakibar**

ECK joined the call.

A copy of the reports presented are available on the [WebEx Video](#).

MA-outlined the pubmed research terms and crossed with key words e.g. bladder dysfunction. The research highlighted lots of papers but they had no clear link with neurological management. In total there were 64 articles found. The articles are available in the following drop box link;
<https://www.dropbox.com/sh/ddxwyc75zsk0kbi/f5qLbB1Rs5>
MA advised this link could be sent from him or HM.
All the articles are in this drop box link.

MA outlined the manuscript classification according to the subtype of dementia. MA highlighted WA also conducted research on the cochrane report/database and he could only find 5 articles. Only 3 full text articles could be obtained- limited mention on neurological management.

HM prepared a report on dementia and correlated diseases- recommendations/guidelines for urological management of LUTS. HM advised that this would be discussed after the call.

HM invited TK to provide his report.

TK (on audio only) the research he conducted was a literature review- searching the Cochrane library, MBase and medline. The issue with multiple sclerosis is there is so much data, in total we found over 4000 references! It is not easy to review so many references; TK will engage two junior doctors to go through the literature. After these reviews it will be sent to the other committee members. The issue with Multiple sclerosis treatment there would be several treatment groups that you would need to extract data in a different way e.g.

catheterisation etc. We are only at the data retrieval phase.

HM invited RS to provide an overview on his project- Parkinson's and MSA. RS team still in progress researching individually but he has a tentative plan for this project. Team starting with parkinsons disease but RS thinks it's better to include DLB etc. in the research. RS will work with HB & EFA after the call. JP asked whether Marcio covered NPH in his research? RS confirmed that he does, our group are only talking about this a little bit, there is no need for an overlap. NPH is a very important disease so we need to touch a little bit. HM advised that there will always be some overlap on these research projects. HM feels that RS subcommittee research is perfect as it is.

b. How to proceed further?

All groups still have work to do on these projects going forward. HM thanked everyone for their work on these projects to date.

c. Efforts undertaken to present our recommendations at the ICS Annual Meeting in Rio de Janerio

HM confirmed the members efforts to produce research to present at Rio has been successful, the committee has a 1 hour slot to present the findings. Each of the subcommittees will have 15 minutes speaking time and 5 minutes questions and answers. Over the next 3-4 months the committee need to work on a report that can be presented. The subcommittees would therefore need to work together to ensure minimal overlap on the areas of research. HM would like members to decide on 3 different titles within the overall presentation- any suggestions?

HM confirmed that we need the final reports by June/July.

Action: All subcommittees need to work on the report and presentations for Rio. Final versions by July.

By July we need to have the 3 presentations ready to review and merge.

Everyone needs to think of a punchy title! Everyone should think about it and make suggestions to their subcommittee chair.

HM highlighted this is a good occasion to increase the visibility of the committee within the ICS members.

EFA agrees we can present in Rio and then submit for publication.

HM confirmed 10/15th July would be the best date for everyone to have their presentations ready? Everyone agreed.

Actions: All subcommittee presentations need to be submitted by 15th July at the latest.

HM asked for any final comments. WA feels we should start writing the papers now so after the presentation in Rio it's ready for print? HM thinks it a good idea.

Action: Committee members should start producing the papers as soon as the

presentations are completed.

HM thanked everyone for their work so far. HM asked Marcio to send out the work document to everyone on the committee.

Action: Marcio to send out the work document to everyone on the committee.

HM, in regard to the presentations, it is up to the Chairman of the subcommittees to select who would like to present the topic. HM would recommend Marcio as he has done most of the work on their topic but will leave the other chairmen to select speakers. Chairman should nominate one person to represent their subcommittee. All members will be on the programme but only one can present.

Action: Subcommittee Chairs to select speakers from their subcommittees to present their topic in Rio.

HM asked if everyone agrees? Everyone happy with this suggestion.

3. Neurogenic Bladder Day Courses: report of the chairman (see attachment)

HM advised that he had talked to Ervin (Education Committee Chair) twice regarding the courses. HM advised we would see if he could incorporate the Neuro-urology courses and lectures in the courses plan. The courses in Brazil were made before Ervin became Chair. HM provided a list of courses so far, many members had volunteered to speak- HM thanked the members for support. HM advised that travel expenses will be covered by companies the only one to be confirmed is Cartagena, we are waiting for more information.

HM is very happy with how the courses are going so far but would be interested in feedback from the members- any changes?

Suggested add the names of the lecturers on the courses. HM did not add so far, just the local organiser, we can add the speakers name as the faculty is confirmed. To limit the cost we only have two speakers from abroad, the other speakers will be local.

BS left the call.

LL would like HM to attend the proposed China course. HM advised that he would discuss with LL by email further.

Action: HM to follow up with LL regarding proposed China course.

HM highlighted that we had not included Japan in our planned courses but would like to. HB has just received a letter confirming course, HM thanked for confirmation. HM stressed that we need to ensure all courses have external funding as ICS is unable to fund this. HM advised that after three or four courses he would write up a report on how the courses ran, how the members/local host felt the courses went, areas of improvement for future courses. All thought this was a good idea.

EFA I think we should add the local connections we will have in the report for future reference. This would then build upon the connections that we have for future courses.

Action: HM to write report after 3 or 4 courses, on course progress and changes required for future courses. The report should include local connections.

HM highlighted that we need to have different programme for each country as it needs to be country specific/relevant.

MA congratulated HM and committee members for their work on the courses and the financial support that they have raised for these courses.

4. Budget request for the Neuro-Urology Promotion Committee

HM advised that he requested, on behalf of the committee, a modest amount (€1500) in case we were unable to obtain support and secretarial support for Helmut. This funding was denied by the board. The board advised it was up to the members to raise funds to cover these costs. HM feels the principal that the members have to take care of the money for the society is not a good concept and in other societies they raise the money for the members and not vice versa. HM confirmed it's not just our committee it is all committees who need to find funding. HM asked for the members feelings on this.

ECK agrees and does not understand why the members have to find the money to work. It should be down to the office to find the money required. HM feels the Board should be able to raise the money that the society needs.

HM neuro-urology fellowship, ICS have struggled to obtain the money to fund the fellowship. This year the money is for one fellow but it was not given by the company. Which is strange that such an important fellowship could not be funded so far? ECK or does it mean that companies are not interested in ICS? HM thinks if the programme is interesting or good for the company then they would be interested in funding, it harder now to get funding. MA noticed on social media that Pfizer are funding a urodynamic course- HM felt this was good information.

JG feels we should present our concerns to the Trustees. HM agrees it would be good and something has to be changed.

Action: HM to contact the Board to highlight the Committees funding concerns.

Postscript: To confirm the committee requested €2600 for six Neurogenic Bladder Day courses travel expenses, travelling costs for committee members to travel (if required) to partake in the proposed video conference and secretarial support for the chair.

ICS Board confirmed that the ICS office can provide reasonable assistance for administration support, the Neurogenic Bladder Day courses should be funded by industry and travel for the videoconference would not be required as WebEx would be used and this only requires an internet connection and camera facilities (audio is also available if members do not have access to either.) All committees have limited budgets this year and this is therefore not isolated to this committee.

Regarding the fellowship- this has never been funded by industry (always ICS.) Allergan were interested in funding this year but we could not get them to commit to this funding despite repeated efforts by the office. The funding for this fellowship was never in doubt and was

always going to be funded by ICS.

5. Election of a chairman of the Neuro-Urology Promotion Committee

HM advised that the elections are coming up 1 Chair and 3 members need to be replaced. We require the following committee members; 1 nurse or allied health, 2 doctor positions. The committee members should encourage their colleagues to apply for the positions. ECK highlighted that he has nurses who would be suitable but they do not speak English, but he will look for suitable people. HM agreed that language could be an issue. Office confirmed 1st April deadline for all applications.

HM asked members to think seriously about the Chairperson position. ECK is interested in applying for the position, asked members for their feedback on this proposal. HM supportive of this candidate, feels it should be someone within the committee rather than external. HM highlighted that everyone should feel free to apply. TK, EFA and MA support this application.

TK left call.

6. Any other business

HM asked those who are attending the EAU meeting in Stockholm to meet for 10-15 minutes to follow up on these discussions.

HM highlighted the scientific committee call for 2 members in each committee to volunteer to assist with the abstract review. MD has already expressed an interest to assist as has BS. Anyone else willing to assist? ECK offered to assist. JE advised that only 2 people can assist. HM confirmed MD and then either BS or ECK.

Action: HM to confirm final reviewer selection to office.

HM thanked the office for organising the call and thank you to everyone for attending.

Call Ends



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

“HALF-TIME” MEETING OF THE NEURO-UROLOGY PROMOTION COMMITTEE

Videoconference on Friday February 21st - 13:00 GMT (14:00 MET)

AGENDA

Participants: E.F. Agro, M. Averbeck, H. Bruschini, E. Chartier-Kastler, J. Gajewski, T. Kessler, L. Liao, H. Madersbacher, J. Panicker, R. Sakakibara, B. Schurch

Unable to participate: W. Altaweel, M. Davis, P. Gomery, A. Manu-Marin

(1) Minutes of the meeting in Barcelona on August 26th 2013 (see attachment)

(2) Recommendations / guidelines for the urological management of patients with cerebral diseases and LUTS

- a. Report of the chairmen of the three subcommittees – *Marcio Averbeck, Thomas Kessler, Ryuji Sakakibara*
- b. How to proceed further?
- c. Efforts undertaken to present our recommendations at the ICS Annual Meeting in Rio de Janeiro

(3) Neurogenic Bladder Day Courses: report of the chairman (see attachment)

(4) Budget request for the Neuro-Urology Promotion Committee

(5) Election of a chairman of the Neuro-Urology Promotion Committee

(6) Any other business

The time planned for this videoconference is about 90 minutes.

Please read the instructions given by Jane McDowell by the ICS office. She will contact you to give you all the information that our videoconference will run smoothly.



ICS Neurourology Promotion Committee meeting minutes

12:00 - 14:00, Monday 26 August 2013

Location: CCIB, Barcelona, Spain

Present: Helmut Madersbacher (HM) (Chair), Waleed Altaweel (WA), Marcio Averbeck (MA), Homero Bruschini (HB), Emmanuel Chartier Kastler (ECK), Melissa Davies (MD), Enrico Finazzi Agro (EFA), Jerzy Gajewski (JG), Pablo Gomery (PG), Thomas Kessler (TK), Limin Liao (LL), Andrei Manu Marin (AMM), Jalesh Panicker (JP), Ryuji Sakakibara (RS), Brigitte Schurch (BS)

In attendance: Sender Herschorn (SH)

Apologies: Louise Kurczycki (LK)

ICS Office: Dan Snowdon (DS)

HM welcomed all committee members and gave thanks for the support that confirmed HM as interim chair of the committee until the officially elected chair takes post on 23 October 2014.

Minutes of Beijing meeting: approved

Terms of office

Noted that 1 Chair and 3 committee positions would be advertised in 2014.

HM asked committee members to consider running for the Chair position and to encourage suitable candidates to express an interest in becoming a committee member.

HM stressed the importance of the committee collaborating with the Education Committee. Neurourology can be represented through Education Committee courses or through courses run directly by the Neurourology Promotion Committee (NPC), e.g. "Neurogenic Bladder Day" courses. JP felt this was a great idea as the current courses will not cover the breadth of the subject. MA mentioned an international Continence Day in March which could serve as suitable timing for a course.

HM outlined that courses could educate delegates that Neurourology covers more than spinal cord injury. BS asked where the courses might take place; HM said they would most likely be an add-course to an existing event. This is similar to the structure of most education courses run by the ICS.

Other suggestions to promote Neurourology worldwide included sending neurourological speakers to international events to present guest lectures. TK recommended developing stronger links to local and regional neurourological societies. These links could develop into having an ICS-branded course at the annual events of each society. HM agreed and felt that it was important to reach the general urologists, neurologists, rehab doctors, geriatricians and general practitioner.

Any NPC courses are in collaboration with the Education Committee, either together with an Educational Course but could also be a "Neurogenic Bladder Day" course apart from the Educational



Course but possibly together either with a national or regional event of the institution hosting the course and its faculty. 1 day would be sufficient in most cases. MA queried how the NPC proposal differs from normal Education Committee courses.

The length of course was discussed. JP noted that length of course depends on the audience. A half day or full day would generally be fine. Special training would require 2-3 days and should include some assessment and certification.

HM asked the NPC for a mandate to work with the Education Committee Chair (Ervin Kocjancic) on the course proposals. JG warned HM that the Education Committee would take the lead on these courses and both parties should be aware of this from the start. HM agreed but noted that the NPC could bring its own expertise and ideas. PG recommended the NPC promoted its strengths through acting as consultants. SH explained that the new strategic plan for the ICS would involve alignment of committees. SH asked the committee to consider what resources they can create using their specialty. Standards and guidelines would be particularly valued. (Meanwhile Ervin was contacted and agreed with our plans)

It was agreed that representatives from the NPC would discuss course proposals with the Education Committee.

Action: NPC to discuss course proposals with the Education Committee. Assigned NPC persons to undertake this task are HM, ECK, BS, WA and MA.

Guidelines

Review EAU guidelines following discussion with Jürgen Pannek. ECK suggested short guidelines ordered by disease. HM favoured this approach. TK stressed that the statements must be evidence-based; this is a more complex undertaking. HM added that there was little evidence available. JP pointed out that ICI has completed many guidelines, much of which are disease specific. Could the NPC associate with ICI? TK noted that this would probably need a formal research process. JG added that this would be an ideal project for the NPC. From this work slide sets can be created and a fact sheet could be published.

HM asked the NPC to choose three topics for the guidelines. The chosen topics were:

1. Parkinson's Disease and MSA
2. Dementia
3. MS

Subcommittee Chairs and subcommittee members were then assigned:

1. **Parkinson's Disease and MSA**
 - a. **Chair:** Ryuji Sakakibara. **Subcommittee members:** Enrico Finazzi Agro, Homero Bruschini, Jalesh Panicker
2. **Dementia**
 - a. **Chair:** Helmut Madersbacher. **Subcommittee members:** Andrei Manu-Marin, Waleed Altaweel, Pablo Gomery, Marcio Averbeck



3. MS

- a. **Chair:** Tomas Kessler. **Subcommittee members:** Emmanuel Chartier-Kastler, Jerzy Gajewski, Melissa Davis, Brigitte Schurch (*after an e-mail correspondence after the meeting with JG, TK was confirmed as the chairman of this subcommittee*)

HM asked each subcommittee chair to present till October 15th how the work will be structured.

A meeting of the groups was discussed. EAU Stockholm in 2014 would be a good opportunity. HM would submit a budget to support a modest meeting. The office will create discussion forums for each working group.

Action: HM to submit a budget to the ICS Board for support of a modest meeting of subcommittees

Action: Office to create discussion forums for each working group

The final results could be presented at a special session during ICS 2014, similar to the session the Urodynamics Committee is running at ICS 2013. TK highlighted the need for a methodology. A proposal and costs are needed before the Board of Trustees is approached.

Fellowship

HM will speak with Allergan during ICS 2013 to determine their interest in funding an ICS Neurourology fellowship.

JG stressed the need for fellowship reports as this is valuable content for ICS News and in highlighting the activities of the ICS

Action: Office to send the latest Neurourology fellowship report to the NPC

AOB

JP questioned the lack of Neurourology topics in the ICS 2013 workshops programme. HM will contact the Education Committee to relay these concerns.

Action: HM to contact the Education Committee to highlight committee concerns over the limited Neurourology topics within the ICS 2013 workshops programme.

Dear Ervin,

please find attached for your information and for quality control the programs of the next 4 Neurogenic Bladder Day courses.

These are the upcoming courses in Timisoara (Romania), Novi Sad (Serbia), Moscow and Mexico City. As you see from the programs, we are mostly able to send two or three speakers from the Neuro-Urology Promotion Committee, moreover, we always try to incorporate in our program one or two local speakers from whom we know that they are taking care of neuro-urology patients in their country.

The program is established in close cooperation with the local organizer according to the individual needs of the country and the urologists there. Our target audience is the general urologists to encourage him to take care also of neuro-urology patients, emphasizing that regarding diagnostic workup a good history, clinical examination and non-invasive urodynamics (bladder diary, uroflowmetry resp. observation of micturition and post-void residual urine evaluation) can give a lot of information and that urodynamics are not always obligatory, at least not as the first diagnostic step. On the other side we also want to inform them what can be done for these patients nowadays by the specialists and what can be done by the general urologist.

As the current chairman of this committee I feel obliged to attend these courses, firstly to see how these courses are accepted by the urologists of the individual countries, if we have chosen the right topics and whether this course resulted in an interactive discussion between the faculty and audience.

Moreover, up to now I have made all the contacts to the supporting companies, from which I knew the responsible persons. Three of them are German (Andromeda, Apogepha) or Austrian (Montavit) companies and my friends in these companies also expect me to participate.

So far we have also scheduled NBD courses in Florence (September 13-14th, local organizer Prof. Giulio del Popolo & Prof. Enrico Agro Finazzi) and in London (Prof. Jalesh Panicker, also member of our committee, is working on the program of such a course). Furthermore we currently have invitations from Colombia, Indonesia and China. At the moment we are working on the sponsoring of these three courses. So far 6 of our committee members are already involved in the four courses mentioned above, further 7 are scheduled for the other courses.

In order to keep the costs also for the organizers within limits, we prefer to have these courses in the lecture hall of their hospital / medical university and so far we have no problem that the local organizers take over the costs for accommodation for the guest speakers.

If you have further questions, please do not hesitate to contact me, I'm looking forward to meeting you soon in Hurghada during the upcoming PACS meeting.

Kindest regards,

Helmut Madersbacher
Interim Chairman of the Neuro-Urology Promotion Committee



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

Neurogenic Bladder Day Course

Mexico City, Monday June 16th – Tuesday June 17th

Local organizers: Prof. Dr. Jorge Moreno & Prof. Dr. Eduardo Serrano

Hospital the Especialidades Centro Médico Nacional SXXI

Monday June 16 th		
09:00	Welcome & Introduction of the Neuro-Urology Promotion Committee of the ICS to the audience	Prof. E. Serrano HM, JM
09:15	Neurophysiology and neuropathophysiology of the lower urinary tract – an update	HM
09:45	The diagnostic workup of (suspected) neurogenic lower urinary tract dysfunction – Basic Diagnostics –When are urodynamics necessary?	MA
10:15	Coffee Break	
10:45	Therapeutic options for the neurogenic overactive detrusor	JM
11:05	Therapeutic options for the neurogenic underactive detrusor	AM
11:30	Therapeutic options for the neurogenic overactive and underactive sphincter – an overview	HM
12:00	Lunch Break	
13:00	The urological management of the Parkinson patients with LUTS	HM
13:30	The urological management of the patient with stroke	MA
14:00	Coffee Break	

JM = Jorge Moreno ES = Eduardo Serrano HM = Helmut Madersbacher MA = Marcio Averbeck



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

14:30	The urological management of the spinal reflex bladder including high tetraplegia	ES
15:00	The urological management of the patient with Multiple Sclerosis	JM
15:30	Electrical neuromodulation and electrical neurostimulation - what is in, what is out?	HM
<i>5 minutes discussion after every lecture</i>		
16:00		
–	General discussion	
16:30		
Tuesday June 17th		
09:00	Case discussions by the faculty together with the audience followed by urodynamics – in interactive session	ES, JM, HM, MA
12:00	End of course	

JM = Jorge Moreno ES = Eduardo Serrano HM = Helmut Madersbacher MA = Marcio Averbeck



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

Neurogenic Bladder Day Course
Moscow, Thursday June 5th – Friday June 6th
Local organizer: Prof. Dr. Grigory Krivoborodov
Pirogov Russian National Research Medical University

Thursday June 5 th		
09:00	Welcome & Introduction of the Neuro-Urology Promotion Committee of the ICS to the audience	GK, HM
09:15	Neurophysiology and neuropathophysiology of the lower urinary tract – an update	HM
09:45	The diagnostic workup in patients with (or suspected) neurogenic lower urinary tract dysfunction – When are urodynamics necessary?	TK
10:15	Coffee Break	
10:45	Therapeutic options for neurogenic detrusor overactivity - an overview	HM
11:05	Botulinum Toxin A injections into the bladder wall as second line option for neurogenic detrusor overactivity - studies and own experience	GK
11:30	Therapeutic options for neurogenic detrusor underactivity – an overview	TK
12:00	Intermittent (self-) catheterization vs. indwelling catheterization	GK, HM, TK
12:30	Lunch Break	
13:30	The urological management of children/ adolescents/ adults born with myelomeningocele (“Spina bifida”)	HM
14:00	The urological management of patients with Parkinson and LUTS – how to proceed?	TK
14:30	Coffee Break	

GK = Prof. Grigory Krivoborodov HM = Prof. Helmut Madersbacher TK = Prof. Thomas Kessler



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

15:00	Neurogenic urinary incontinence – conservative and surgical treatment options	TK
15:30	Electrical neuromodulation and electrical neurostimulation in patients with neurogenic bladder – what is in, what is out?	HM
<i>5 minutes discussion after every lecture included</i>		
16:00	– General discussion	GK, HM, TK,
16:30		
Friday June 6 th		
09:00	Case discussions by the faculty together with the audience and presentation of urodynamic investigations – an interactive session	GK, HM, TK
12:00	End of course	

GK = Prof. Grigory Krivoborodov HM = Prof. Helmut Madersbacher TK = Prof. Thomas Kessler



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

Neurogenic Bladder Day Course
Novi Sad, Thursday March 27th – Friday March 28th 2014
Local organizer: Prof. Dr. Marusic & Dr. Herin
Medical University Novi Sad

Thursday March 27 th		
09:00	Welcome & Introduction of the Neuro-Urology Promotion Committee of the ICS to the audience	Prof. Marusic HM
09:15	Neurophysiology and neuropathophysiology of the lower urinary tract – an update	HM
09:45	The diagnostic workup of (suspected) neurogenic lower urinary tract dysfunction – Basic Diagnostics –When are urodynamics necessary?	RH
10:15	Coffee Break	
10:45	Therapeutic options for the neurogenic overactive detrusor	BSch
11:05	Therapeutic options for the neurogenic underactive detrusor – intermittent catheterization vs. indwelling catheterization	BSch
11:30	Therapeutic options for the neurogenic overactive and underactive sphincter – an overview	HM
12:00	Lunch Break	
13:00	The urological management of the patient with stroke	BSch
13:30	The urological management of the Parkinson patients with LUTS	HM
14:00	Coffee Break	

BSch = Brigitte Schurch HM = Helmut Madersbacher RH = Ranko Herin



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

14:30 The urological management of the spinal reflex bladder including high tetraplegia BSch

15:00 The urological management of the patient with Multiple Sclerosis RH

15:30 Electrical neuromodulation and electrical neurostimulation - what is in, what is out? HM

5 minutes discussion after every lecture

16:00

– **General discussion**

16:30

Friday March 28th

09:00 Case discussions and discussion of urodynamic curves by the faculty together with the audience – an interactive session BSch, RH, HM

12:00 End of course

BSch = Brigitte Schurch HM = Helmut Madersbacher RH = Ranko Herin



Neuro-Urology Promotion Committee (NPC)
Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881
Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org
Website www.icsoffice.org

Neurogenic Bladder Day Course
Timisoara, Thursday March 20th and Friday March 21st
Local Organizer: Prof. Dr. Viorel Bucuras
Department of Urology, "Victor Babes" University of Medicine and Pharmacy

Thursday March 20 th		
09:00	Welcome & Introduction of the Neuro-Urology Promotion Committee of the ICS to the audience	VB, HM
09:15	Neurophysiology and neuropathophysiology of the lower urinary tract – an update	HM
09:45	The diagnostic workup of (suspected) neurogenic lower urinary tract dysfunction – Basic Diagnostics –When are urodynamics necessary?	AMM
10:15	Coffee Break	
10:45	Therapeutic options for the neurogenic overactive detrusor	EFA
11:05	Therapeutic options for the neurogenic underactive detrusor	AMM
11:30	Therapeutic options for the neurogenic overactive and underactive sphincter – an overview	HM
12:00	Lunch Break	
13:00	The urological management of the Parkinson patients with LUTS	EFA
13:30	The urological management of the patient with stroke	AMM
14:00	Coffee Break	

AMM = Andrei Manu-Marin EFA = Enrico Finazzo Agro HM = Helmut Madersbacher VB = Viorel Bucuras



Neuro-Urology Promotion Committee (NPC)

Chairman: H. Madersbacher (Innsbruck/Austria)

International Continence Society
19 Portland Square
Bristol BS2 8SJ
United Kingdom

Tel + 44 (0) 117 944 4881

Fax + 44 (0) 117 944 4882

E-mail info@icsoffice.org

Website www.icsoffice.org

14:30 The urological management of the spinal reflex bladder including high tetraplegia HM

15:00 The urological management of the patient with Multiple Sclerosis EFA

15:30 Electrical neuromodulation and electrical neurostimulation - what is in, what is out? HM

5 minutes discussion after every lecture

16:00

– **General discussion**

16:30

Friday March 21st

09:00 Case discussions and discussion of urodynamic curves by the faculty together with the audience – in interactive session EFA, VB, HM, AMM

12:00 End of course

AMM = Andrei Manu-Marin EFA = Enrico Finazzo Agro HM = Helmut Madersbacher VB = Viorel Bucuras