JOINT SYMPOSIUM ON* NEURONAVIGATION & NEUROENDOSCOPY WITH HANDS-ON WORKSHOP

INTERNATIONAL NEUROSCIENCE INSTITUTE HANNOVER & IASI NEUROSURGICAL CLINIC

3-6 April 2014, IASI, ROMANIA

*ORGANIZED BY THE WFNS NEUROSURGICAL TECHNOLOGY COMMITTEE
INTERNATIONAL NEUROSCIENCE INSTITUTE CENTER
HANNOVER, GERMANY

‘PROF. DR. N. OBLU’ CLINICAL EMERGENCY HOSPITAL
IASI
Under the patronage of:
IASI COUNTY COUNCIL - Mr. Cristian Adomniței
IASI CITY HALL - Mr. Gheorghe Nichita

Prof. Dr. Med. Amir Samii
International Neuroscience Institute,
Hannover, Germany

Prof. Dr. Msc. Hc.
Alexandru Vlad Ciurea,
“Carol Davila” Medical School, Bucharest,
Romania

Prof. Dr. Med. Ion Poeată
“Gr. T. Popa” University of Medicine and
Pharmacy, Iasi, Romania
Organizing Chairman:

Prof. Dr. Med.
Niculae Ianovici,
Iasi, Romania

Course Coordinator & Technology:

Ass. Prof. Dr. Med.
Lucian Eva,
Iasi, Romania

Course Secretary:

Dr. Med.
Bogdan Iliescu,
Iasi, Romania

Faculty Invited speakers:

Prof. Dr. Med. Amir Samii
International Neuroscience Institute, Hannover, Germany

Prof. Dr. Med. Di Rocco
International Neuroscience Institute, Hannover, Germany

Prof. Dr. Med. Arya Nabavi
University Hospital Schleswig-Holstein, Kiel, Germany

Dr. Med. Vincenzo Paterno
International Neuroscience Institute, Hannover, Germany

Local speakers:

Ass. Prof. Dr. Med. Dana Turliuc
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Ass. Prof. Dr. Med. Marius Dabija
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Ass. Prof. Dr. Med. Lucian Eva
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Ass. Prof. Dr. Med. Alexandru Chiriac
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Ass. Prof. Dr. Med. Alin Iordache
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Florin Gramada
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Bogdan Iliescu
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital

Daniel Rotariu
‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital
OFFICIAL PROGRAM

VENUES

3 and 6 April 2014
Library / Operating room,
Prof Dr. N. Oblu Clinical Emergency Hospital Iasi
Address: 2, Athene Street, Iasi
Tel: +4.0332.402.636
GPS: 47.161264, 27.607663
www.neuroiasi.ro

4 and 5 April 2014
New York conference room, Ramada Hotel, Iasi
Address: 27, Grigore Ureche Street, Iasi
Tel: +4.0232.256.070
GPS: 47.159107, 27.589078
www.ramadaiasi.ro

Registration Desk
Ramada Hotel, Iasi
Address: 27, Grigore Ureche Street, Iasi
Tel: +4.0232.256.070
GPS: 47.159107, 27.589078
www.ramadaiasi.ro

Contact person
Alina Duca - Event Organiser
Tel: +4.0232.240.628
Mobile: +4.0730.223.923
E-mail: alina.duca@oamenisicompanii.ro

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<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Date, Time</th>
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<tbody>
<tr>
<td>Welcome Cocktail</td>
<td>Ramada Hotel</td>
<td>April 3, 7:30 pm</td>
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<tr>
<td>Lunch</td>
<td>Ramada Hotel</td>
<td>April 4, 1 pm</td>
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<tr>
<td>Rustic Moldavian Dinner</td>
<td>Cold Vault House (Bolta Rece Restaurant)</td>
<td>April 4, 7:30 pm</td>
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<tr>
<td>Lunch</td>
<td>Ramada Hotel</td>
<td>April 5, 1:15 pm</td>
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<tr>
<td>Traditional Romanian Party</td>
<td>Ramada Hotel</td>
<td>April 5, 7:00 pm</td>
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</tbody>
</table>

*The registration fee includes access to the Symposium courses and/or Hands-on Workshop, event kit, access to coffee breaks, diploma. The number of participants is limited. The registration deadline for Hands-on Workshop is February 28!

Social Events, NOT INCLUDED IN FEE

Thursday, April 3, 2014

Due to numerous requests to attend Sunday’s hands-on, the same program will be held Thursday, April 3.
Please see program from Sunday, April 6, on page 6.

Welcome cocktail & Accommodation for Participants at the Ramada Hotel, Iasi
Evening dinner and discussion, Ramada Restaurant
Friday, April 4, 2014

NEURONAVIGATION WORKSHOP
Organized by the WFNS Neurosurgical Technology Committee

Full day dedicated to neuronavigation presentation and Hands-On

Presidium:
Prof. Dr. Msc. Hc. A.V. Ciurea, Bucharest, Romania -- Prof. Dr. Med. A. Samii, Hannover, Germany
Prof. Dr. Med. I. Poeată, Iasi, Romania -- Prof. Dr. Med. Di Rocco, Hannover, Germany
Prof. Dr. Med. N. Ianovici, Iasi, Romania -- Ass. Prof. Dr. Med. L. Eva, Iasi, Romania

8:30 | 8:45
Official opening Hotel Ramada

8:45 | 10:45
Session I:
Chairman: Prof. Dr. di Rocco
Prof. Dr. Amir Samii - Speaker

10:45 - 11:00
Coffee break

11:00 | 13:00
Session II:
Chairman: Prof. Dr. Alexandru Vlad Ciurea
Prof. Dr. Arya Nabavi, Speaker

13:00 - 14:00
Lunch

14:00 | 15:45
Session III:
Chairman: Prof. Dr. Ion Poeată
Dr. Vincenzo Paternò, Speaker

15:45 - 16:00
Coffee break

16:00 | 18:00
Session IV:
Hands-on Surgical Navigation Planning on using Multimodal Imaging Workstation
Prof. Dr. Amir Samii
Prof. Dr. Arya Nabavi
Dr. med. Vincenzo Paterno

18:00 | 18:30
Discussion, Conclusions, end of the course

19:30 - 22:00
Rustic Moldavian dinner at Cold Vault House (dress code: casual)
Saturday, April 5, 2014

NEUROENDOSCOPY WORKSHOP

4 Sessions:
NEUROENDOSCOPY WITH
KARL STORZ - ENDOSKOPE TECHNOLOGY

Presidium:
Prof. Dr. Med. A. Samii, Prof. Dr. Med. Di Rocco,
Prof. Dr. Med. A.V. Ciurea, Prof. Dr. Med. I. Poeata

9:00 - 11:00

Session I:
Prof. Dr. Med. Di Rocco:
General introduction on technology used in neuroendoscopy.
Prof. Dr. Med. Di Rocco:
Endoscopy Within the Ventricular System.
Dr. Med. Paterno: Trans-sphenoid neuroendoscopy.

11:00 - 11:15
Coffee break

11:15 - 13:00

Session II:
Prof. Dr. Med. Samii Amir presentation:
Endoscopy in Skull Base Surgery.
Dr. Med. Eva Lucian presentation: Spinal neuroendoscopy.

13:00 - 13:15
Group foto Faculty and participants

13:15 - 14:00
Lunch

14:00 - 16:00

Session III:
Hands-on: demonstration cases
Friday afternoon: presentation of difficult cases and open discussions involving the participants and how they would manage such cases.

16:00 - 16:15
Coffee break

16:15 - 17:30

Session IV:
Coverage of course, general discussion, handing out diplomas, closing rate, closing remarks.

17:30 - 18:00
Handing out diplomas

19:00 - 22:00
Traditional Romanian Party
Sunday, April 6, 2014

HANDS-ON WORKSHOP ON ENDOSCOPY

In collaboration with:
KARL STORZ ENDOSCOPIA ROMANIA

Course Director
Prof. Poeata Ion MD, PhD

Faculty:
Ass. Prof. Turliuc Dana MD, PhD - Ass. Prof. Eva Lucian MD, PhD
Ass. Prof. Dabija Marius MD. - Ass. Prof. Chiriac Alexandru, PhD
Ass. Prof. Iordache Alin MD, PhD - Gramada Florin, MD, PhD
Daniel Rotariu MD, PhD - student Iliescu Bogdan, MD, PhD

Course Objectives:
- Understand the basic principles and practice of therapeutic endoscopy in Neurosurgery
- Identify and properly use endoscopic equipment key to each procedure
- To review the endoscopic anatomy of the nose, sinuses, ventricular system and lumbar spine
- Employ basic skills to perform safe and effective endoscopic procedures in Neurosurgery
- Get up to date with the latest technologies used in Neurosurgery (neuronavigation, intraoperative fluorescence, CUSA, drills, echography)

Course description:
Trainees will be distributed in 4 groups (A to D) of 6 people each and every group will work under the supervision of 2 faculty members.

The hands-on course will be held on 4 stations with 2 posts each. Each trainee will have the occasion to:
- learn to setup the endoscope (camera, light source, adjustments)
- learn the key steps of each procedure
- perform endoscopic approaches on models specially designed for training – provided by Karl Storz Endoscopia Romania.
  - Transsphenoidal approach
  - Approach of the 3rd ventricle
  - Approach of the lumbar spine

Hands-on program*
Small groups of 6 people rotate every 1h30 between the following 4 stations:
- Endoscopic transsphenoidal approach
- Endoscopic approach of the 3rd ventricle
- Endoscopic approach of the lumbar spine
- Advanced neurosurgical techniques

<table>
<thead>
<tr>
<th>STATION 1 ENDOSCOPIC TRANSSPHENOIDAL APPROACH</th>
<th>STATION 2 ENDOSCOPIC APPROACH OF THE 3RD VENTRICLE</th>
<th>STATION 3 ENDOSCOPIC APPROACH OF THE LUMBAR SPINE</th>
<th>STATION 4 ADVANCED TECHNIQUES IN NEUROSURGERY</th>
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<tbody>
<tr>
<td>9:00-10:30 Group A</td>
<td>10:30-11:00 Group B</td>
<td>11:00-12:30 Group C</td>
<td>12:30-14:00 Group D</td>
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*After reaching the maximum number of participants for Sunday’s hands-on, the hands-on will be extended for Thursday, April 3.

Course Venue:
Department of Neurosurgery, Library Room, ‘Prof. Dr. N. Oblu’ Clinical Emergency Hospital, Iasi, Romania
"It is with great pleasure and pride that I welcome you to this special Symposium. We look forward to an outstanding scientific event that will bring together professionals from INI Hannover and Romania for 3 days of neurosurgical excellence."

Ass. Prof. Dr. Med. Lucian EVA
Manager "Prof. Dr. N. Obliu" Clinical Emergency Hospital, Iasi, Romania