



HANDS-ON CADAVER COURSE

Minimal Invasive Skull Base Approaches

Microsurgical and Endoscopic

Professional Training Course

June 01st – 02nd, 2013

INI - Hannover, Germany

LIVE SURGERIES

June 03rd – 04th, 2013

INI - Hannover, Germany



Continuing Medical Education Project of
World Federation of Neurosurgical Societies
28th International Course

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COURSE DIRECTOR: Madjid Samii



Dear Colleagues, Dear Friends,

It is my personal pleasure and great honor to announce the 28th International Hands-on Cadaver Course at the International Neuroscience Institute, Hannover.

We are planning an exciting **Hands-on Course for *minimal invasive skull base approaches***, demonstrating the indications and procedures of microsurgery and endoscopy.

On the 01st and 02nd of June 2013, specialized surgeons will demonstrate their developed surgical techniques. On the 03rd and 04th of June 2013, we will perform live surgeries demonstrating the skull base approaches from the *Hands-on Course*.

I am looking forward to welcoming you at the INI-Hannover for the Hands-on Cadaver Course and following live surgeries demonstration.

M. Samii

President

International Neuroscience Institute

SUPPORTERS & EXHIBITORS

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COURSE COORDINATOR: Vincenzo Paternó

Dear colleagues, dear friends,

I have the great honor and pleasure to coordinate, together with the staff of the Neurosurgical Department at the International Neuroscience Institute - Hannover, the “2013 INI Hands-on Instructional Cadaver Course”.

The presentation will be of minimally invasive techniques for “**Posterior Skull Base Surgical Lesions**”. This course is designed for practicing physicians, residents and fellows and minimally invasive skull base surgeons who are interested in the most recent developments in microsurgical & endoscopic surgery of the cranial base.

Participants will have an opportunity to gain and expand their knowledge of the above mentioned surgical fields.

Many knowledgeable tricks of the trade will be discussed and demonstrated during the course since all the course masters have been involved in skull base teaching fields for many decades.

I believe that practical anatomy and surgical education strives to promote the concept of lifelong learning by utilizing the latest technology to connect young people, residents, healthcare professionals and surgeons, to world-class experts and faculty.

The Course Objectives are as follows:

- comprehensive review of the microscopic & endoscopic anatomy of the posterior skull base.
- discussion of the surgical decision making process in the management of the posterior skull base surgical lesions.
- description and demonstration of the step-wise approach in performing posterior skull base approaches.
- hands-on microsurgical microscopic approaches to the posterior skull base.
- hands-on endoscopic assisted use in posterior skull base microsurgical approaches.
- 3D neuronavigated video demonstration of anatomy and operative approaches.
- how to recognize and respond to complications of microsurgical procedures.

I am looking forward to see all of you in Hannover, to share knowledge and enhance friendship.

Vincenzo Paternó

Course Coordinator

FACULTY



Prof. Madjid Samii

Course Director, President INI-Hannover (Germany)

Prof. Pierre Rabischong

Honored Guest, Professor of Anatomy, Montpellier (France)



Prof. Helmut Bertalanffy

Professor of Neurosurgery, INI-Hannover (Germany)

Prof. Rudolf Fahlbusch

Professor of Neurosurgery, INI-Hannover (Germany)



Prof. Amir Samii

Professor of Neurosurgery, INI-Hannover (Germany)



FACULTY



Prof. Gehrard Walter

Professor of Pathology, INI-Hannover (Germany)



Prof. Heiner Lanfermann

Professor of Neuroradiology, MHH-Hannover (Germany)



Prof. Bahram Mohammadi

Professor of Neurology, INI-Hannover (Germany)



Prof. Dieter Hellwig

Professor of Neurosurgery, INI-Hannover (Germany)



Dr. Vincenzo Paternó

Associate Neurosurgeon, INI-Hannover (Germany)

SCIENTIFIC PROGRAM

Saturday, June 01st, 2013

08:00 – 08:30 Registration

08:30 Opening Remarks. (**Prof. M. Samii**)

08:45 – 09:30 **Lecture**

Surgical anatomy of the posterior skull base and cranio-cervical junction.
(**Prof. P. Rabischong**)

09:30 – 11:00 **Cadaver dissection**

Lateral suboccipital craniectomy (drilling of mastoid).
(**Dr. V. Paternó**)

11:00 – 11:15 Coffee break

11:15 – 13:15 **Cadaver dissection**

Cranio-cervical approach (drilling of C1 and C2 with exposure of the extradural vertebral artery). (**Prof. H. Bertalanffy**)

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SCIENTIFIC PROGRAM

Saturday, June 01st, 2013

13:15 – 14:00 Lunch

14:00 – 14:45 **Lecture**

Surgical anatomy of petrous bone. **(Prof. P. Rabischong)**

14:45 – 16:45 **Cadaver dissection**

Microsurgical intradural approaches in cerebello-pontine angle: (a) jugular foramen; (b) internal auditory canal; (c) Meckel's cave. Endoscopic view.
(Prof. M. Samii)

16:45 – 17:15 Coffee break

17:15 – 19:30 **Cadaver dissection**

Microsurgical intradural approaches in cerebello-pontine angle: (a) jugular foramen; (b) internal auditory canal; (c) Meckel's cave. Endoscopic view.
(Prof. M. Samii)

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SCIENTIFIC PROGRAM

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Sunday, June 02nd, 2013

08:30 – 09:30 Lecture

Surgical anatomy of cerebellum and tentorial structures.

(Prof. P. Rabischong)

09:30 – 11:00 Cadaver dissection

Unilateral suboccipital craniotomy. **(Dr. V. Paternó)**

11:00 – 11:15 Coffee break

11:15 – 13:15 Cadaver dissection

Microsurgical supracerebellar infratentorial approach. Endoscopic view.

(Prof. M. Samii)

13:15 – 14:00 Lunch

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SCIENTIFIC PROGRAM

Sunday, June 02nd, 2013

14:00 – 15:00 Lecture

Surgical anatomy of IV ventricle and brain stem. **(Prof. P. Rabischong)**

15:00 – 17:00 Cadaver dissection

Microsurgical posterior approach to the IV ventricle and brain stem.
Endoscopic view. **(Prof. M. Samii)**

17:00 – 17:15 Coffee break

17:15 – 19:00 Cadaver dissection

Microsurgical posterior approach to the IV ventricle and brain stem.
Endoscopic view. **(Prof. M. Samii)**

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SCIENTIFIC PROGRAM

Monday, June 03rd, 2013

08:30 – 11:00 *Live Surgery (Prof. M. Samii & INI's Faculty)*

11:00 – 11:15 Coffee break

11:15 – 13:15 *Live Surgery (Prof. M. Samii & INI's Faculty)*

13:15 – 14:00 Lunch

14:00 – 16:00 *Live Surgery (Prof. M. Samii & INI's Faculty)*

16:00 – 16:30 *Lecture*

Current MRI imaging of Posterior Fossa (**Prof. H. Lanfermann**)

16:30 – 17:00 *Lecture*

Neuropathology of the Posterior Skull Base (**Prof. G.F. Walter**)

17:00 – 18:00 *Discussion*

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SCIENTIFIC PROGRAM

Tuesday, June 04th, 2013

08:30 – 11:00 *Live Surgery (Prof. M. Samii & INI's Faculty)*

11:00 – 11:15 Coffee break

11:15 – 13:15 *Live Surgery (Prof. M. Samii & INI's Faculty)*

13:15 – 14:00 Lunch

14:00 – 16:00 *Live Surgery (Prof. M. Samii & INI's Faculty)*

16:00 – 16:30 *Lecture*

The role of visualization in posterior fossa surgery (**Prof. A. Samii**)

16:30 – 17:00 *Lecture*

My concept for surgery in Posterior Fossa (**Prof. M. Samii**)

17:00 – 18:00 *Discussion*

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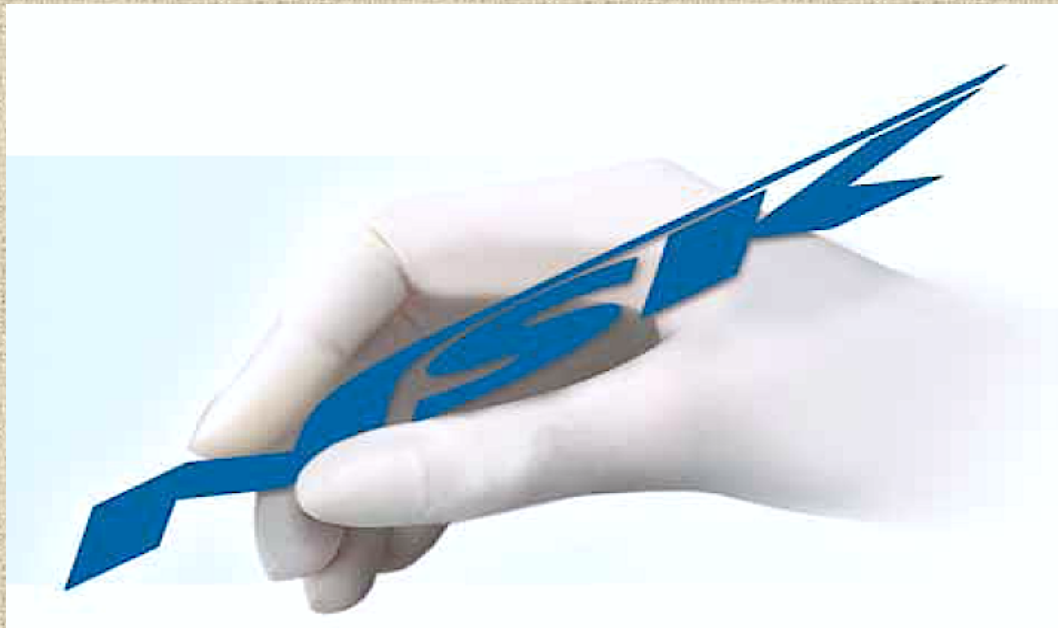
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GENERAL INFORMATION

Hannover is a modern city with a rich tradition and an "urban-living-style" character, beautiful gardens, municipal and royal parks. It is a university capital with important cultural centers and admirable shopping facilities.

Workshop location will be conducted at the International Neuroscience Institute, in Rudolf-Pichlmayr-Strasse 4, 30625-Hannover. Two surgeons will attend a fully equipped workstation with cadaver specimen.

Official language of the Course is English.

Scientific Committed reserve the right to make whatever change to the program they deem necessary for scientific and/or technical reasons.

For further information, visit our web site at: <http://www.ini-hannover.com> or contact, the course coordinator Dr. med. V. Paternó, directly under the phone number +49 511 27092819 or by email to paterno@ini-hannover.de

Early registration is recommended due to a restricted and limited number of Workstations available. Pre-registration is available until April 05th, 2013. Please include the registration form together with a short curriculum vitae.

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The Course fee is € 1000 for all participants. Payment should be done only after the accepted confirmation of the course pre-registration. The registration includes admission to the Course and Live Surgery, course material (cadaver head, Mayfield skull clamp, microscope, endoscope, video-recorder, electric high-speed drill, electric suction, microsurgical instruments, Neuronavigation, CUSA, Duragen, sutures material, fibrin glue), attendance certificate, coffee breaks, lunch and special gift.

We appreciate if you would pay in advance to:

Account: Gesellschaft zur Foerderung der Wissenschaft in der Neurochirurgie

National: # 212 555 - BLZ: 250 501 80

International: IBAN: DE31 2505 0180 0000 212555 - BIC: SPKHDE2H XXX

On site credit card payment will be not possible.

Cancellation received four weeks prior to the course will be refunded less a 10 % processing fee. The course is not responsible for travel expenses incurred.

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