Educational Objectives
This course is intended for surgeons who want to acquire knowledge and experience in skull base surgery either with the endoscopic endonasal and microsurgical transcranial techniques. Main skull base regions will be analyzed, the anatomy and surgical access routes will be detailed from endoscopic and microscopic viewpoints – via different approaches – in order to provide a 360 degrees overview of the main neurovascular structures along the skull base surface. Lectures and hands-on laboratory facilities will be provided. At the conclusion of the course, the participants should understand the indications, the advantages and limitations of the different perspectives over the skull base offered by both the endonasal and the transcranial techniques.

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Under the auspices of

The Organizers of “Perspectives in Skull Base Surgery. Microscopic and Endoscopic Hands-on Course” gratefully acknowledge the support of the following companies:

General informations
Hotel Accomodation
Hotel Royal***
81102 Napoli, via Partenope, 38
p +39 081 7464800

Workshop Venues
Lectures & Hands-on
Centro di Biotecnologie
Azienda Ippopedaliera di Rilievo Nazionale A. Cardarelli
Napoli 80131 via Cardarelli, 9

Registration
Registration fee for participants is 1.750 € (V.A.T. included)
A total number of 20 participants will be enrolled
Registration fee for auditors* is 800 € (V.A.T. included)

Requests of admission must be sent to the Organizing Secretariat by mail or fax using the attached registration form by September 30, 2014
Acceptance of registration will be confirmed by the Secretariat within October 7, 2014
Selected participants are requested to send the full payment of the registration fee by October 15, 2014 (methods of payment will be attached by the Organizing Secretariat while confirming the participation).
Final confirmation of participation will be sent only after the full payment is received

Cancellation policy
In case of written cancellation before October 15, 2014, the amount will be refunded less 100 €, for administrative expenses; later refund will not be possible.

Language
The official language is English

Continuing Education
ECM (Istituto di Educazione Continua in Medicina) – Ministero della Salute credits will be obtained and certificated approximately 60 days following the workshop
**PROGRAM**

8.00 am - 8.30 am Registration

8.30 am - Introduction and course presentation (P. Cappabianca)

8.40 am - Presentation of the course venue (G. Cozzi, P. Di Marinis)

8.50 am - Welcome from the President of the Italian Society of Neurosurgery

9.00 am - Keynote lecture: Evolving role of the endoscope in skull base surgery (P. Castelnuovo)

9.20 am - Endoscopic anatomy of the midline skull base (F. Esposito)

9.30 am - Computer-based planning of the endoscopic skull base approaches (M. De Notarist)

9.40 am - The endoscopic transcranial approach to the sella & its variations (P. Cappabianca)

10.00 am - The endoscopic endonasal approach to the midline anterior cranial base (M. Cavali)

10.20 am - Coffee break

10.35 am - Step by step Hands-on Endonasal approaches

1.00 pm - Lunch

2.00 am - Keynote lecture: Microscopic & endoscopic retrosigmoid approach (M. Tatagiba)

2.20 pm - Patient positioning in skull base surgery (D. Bruijijk)

2.35 pm - Subtemporal approach & anterior petrosectomy (G. Catapano)

2.50 pm - Posterior approach to foramen magnum (F. Maiuri)

3.05 pm - Posterolateral and antero-lateral approach to the foramen magnum (S. Froelich)

3.20 pm - Reconstruction techniques in skull base surgery (P. De Marinis, P. Caiazzo)

3.35 am - Step by step Hands-on Transcranial approaches

6.30 pm - Adjourn

**WORKSHOP FACULTY**

Filippo Fiaschi-Angiulli, MD - Associate Professor of Neurosurgery, Università degli Studi di Messina, Messina, Italy

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Paola Cozzolino, MD - Professor and Chairman of Neurosurgery, Università di Torino, Turin, Italy

Giuseppe Catapano, MD - Chief of Department of Neurosurgery, Ospedale G. Rummo, Benevento, Italy

Luigi Maria Cavalli, MD, PhD - Assistant Professor, Division of Neurosurgery, Università degli Studi di Napoli Pedrolo III, Napoli, Italy

Stefano Ciuffo, MD - Consultant Neurosurgeon, Oxford University Hospitals, Oxford, UK

Francesco Maiuri, MD - Consultant Neurosurgeon, Oxford University Hospitals, Oxford, UK

Roberto Solfelli, MD - Professor and Chairman of Neurosurgery, Università di Roma "La Sapienza", Rome, Italy

Alberto Deiulfiti, MD - Chief Department of Neurosurgery, Ospedale San Camillo Forlanini, Roma, Italy

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Domenico Solari, MD - Clinical Instructor of Neurosurgery, Università degli Studi di Napoli Pedrolo III, Napoli, Italy

Jaraj Stano, MD - Professor and Chairman of Neurosurgery, Clinicum Universitatis, Bratislava, Slovakia

Marek Simeon Teltenho, MD - Professor and Chairman of Neurosurgery, Università degli Studi di Messina, Messina, Italy

Francesco Tommaso, MD - Vice President WFNS, Professor and Chairman of Neurosurgery, Università degli Studi di Messina, Messina, Italy

**Monday, November 3**

8.30 am - Keynote lecture: Third ventricle microsurgery (F. Tomassoli)

8.50 am - Endoscopic management of intraventricular lesions (M. Sangemini)

9.05 am - Endoscopic endonasal approach to cavernous sinus (G. Frank, D. Mazzantena)

9.20 am - Endoscopic endonasal approach to Meckel’s cave (E. Jeanneney)

9.35 am - The endoscopic endonasal approach to the clivus (D. Solarì)

9.50 am - Endoscopic endonasal crani base reconstruction techniques (D. Locatelli)

10.00 am - Endoscopic resection of intraparenchimal brain tumors (S. Cuòdi)

10.00 am - Coffee break

10.35 am - Step by step Hands-on Endonasal approaches

1.00 pm - Lunch

2.00 am - Keynote lecture: Microscopic & endoscopic retrosigmoid approach (M. Tatagiba)

2.20 pm - Patient positioning in skull base surgery (D. Bruijijk)

2.35 pm - Subtemporal approach & anterior petrosectomy (G. Catapano)

2.50 pm - Posterior approach to foramen magnum (F. Maiuri)

3.05 pm - Posterolateral and antero-lateral approach to the foramen magnum (S. Froelich)

3.20 pm - Reconstruction techniques in skull base surgery (P. De Marinis, P. Caiazzo)

3.35 am - Step by step Hands-on Transcranial approaches

6.30 pm - Adjourn

**Thursday, November 4**

8.30 am - Keynote lecture: Third ventricle microsurgery (F. Tomassoli)

8.50 am - Endoscopic management of intraventricular lesions (M. Sangemini)

9.05 am - Endoscopic endonasal approach to cavernous sinus (G. Frank, D. Mazzantena)

9.20 am - Endoscopic endonasal approach to Meckel’s cave (E. Jeanneney)

9.35 am - The endoscopic endonasal approach to the clivus (D. Solarì)

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3.35 am - Step by step Hands-on Transcranial approaches

6.30 pm - Adjourn

**Ad Astra 2**