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 standpoints – via different approaches – in order to provide a 360 degrees overview of the main neurovascular structures along the skull base surface.

Lectures, live surgery and hands-on laboratory facilities will be provided. At the conclusion of the course, the participants should understand the indications, the advantages and the limitations of the different perspectives over the skull base offered by both the endonasal and the transcranial techniques.

For information please contacy

Dr. Caterina Andriani caterina.andriani@gmail.com www.neurosurgery.unina.it **p/f** +39 081 19560905 **m** +39 338 6770454

Under the auspicies of















Acknowledgments

















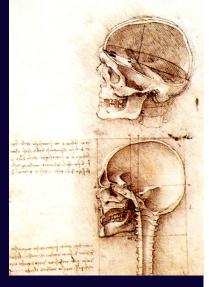


General informations

Hotel Accomodation Hotel Royal**** 80121 Napoli via Partenope, 38 **p** +39 081 746.4800 http://royal-continental.hotel-rez.com

Workshop Venues

Lectures & Hands-on Institute of Anatomy A. O. U. Federico II, Building 20 Napoli via Sergio Pansini, 5 Live Surgery Faust D'Andrea Lecture Hall A. O. U. Federico II, Building 16 Napoli via Sergio Pansini, 5



Registration

Registration fee for partecipants is 1.850,00 € (V.A.T. included). Registration fee for auditors is 1.000,00 € (V.A.T. included).*

Selected participants are requested to send the full payment of the registration fee by May 3rd, 2013 (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.

Tuition fee includes

Leading edge auditorium facilities; Hands-on dissection (two participants per specimen); Use of endoscopic and microscopic instrumentation; Course material: Three night hotel accommodation, breakfast, lunch and refreshment breaks;

Transportation hotel/course venue; Two dinners with the Faculty.

Cancellation policy

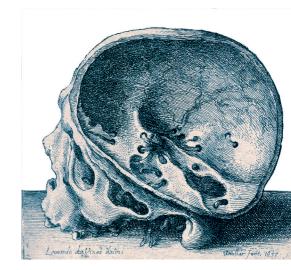
In case of written cancellation before May 3rd, 2013, the amount will be refunded less 100 €, for administrative expenses; later refund will not be possible.

Language

Official language is English. No simultaneous translations will be provided.

*All Lectures, live surgeries and demo-dissections (no hands-on lab). A total number of 20 hands-on partecipants and 5 auditors will be enrolled. Requests of admission must be sent to the Organizing Secretariat by mail or fax using the attached registration form by April 19th, 2013. Acceptance of registration will be confirmed by the Secretariat within April 21th, 2013





Perspectives in **Skull Base Surgery**

Microscopic and Endoscopic Hands-on Course

> 14TH INTERNATIONAL WORKSHOP

> > MAY 20. 2I. 22. NAPLES (ITALY)

COURSE DIRECTOR Paolo Cappabianca HONOURED GUESTS Vladimir Benes Edward R. Laws Francesco Tomasello

Perspectives in Skull Base Surgery

Microscopic and Endoscopic Hands-on Course 14th International Workshop

Deadline April 19th 2013

Mail to:

Dr. Caterina Andriani

Division of Neurosurgery 80131 Naples via S. Pansini, 5 – Italy caterina.andriani@gmail.com p/f+39 081 19560905 m+39 338 6770454

REGISTRATION FORM

□ PARTECIPANT	□ AUDITOR
Please print	
Name	
Degree	
Institute/Department	
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	Fax ()
Signature	

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UNIVERSITÀ
DEGLI STUDI DI NAPOLI
FEDERICO II
SCHOOL OF MEDICINE
DIVISION OF NEUROSURGERY

Skull

8.15 am Registration 20 8.30 am Introduction and course presentation (P. Cappabianca) **8.35 am** Welcome from the President of the Italian Society of Neurosurgery (R. Delfini) **8.40 am** Honored Guest Lecture: Transsphenoidal surgery: from the origins to the third millennium (E. Laws) 9.10 am Endoscopic anatomy of the midline skull base (F. Esposito) 9.25 am Endoscopic endonasal transsphenoidal approach to the sella & its variations 9.40 am Endoscopic endonasal approach to the midline anterior cranial base (L.M. Cavallo) 9.55 am Endoscopic transnasal surgery for cranio-facial tumors (P. Castelnuovo) 10.10 am Coffee break 10.20 am Step-by-step Hands-on. Endonasal approaches 1.20 pm Live surgery (Lunch will be served) 2.30 pm Microscopic & endoscopic supraorbital approach (A. Delitala) 2.45 pm Pterional approach & its variations (D. D'Avella) 3.00 pm Subfrontal approach (0. de Divitiis) 3.15 pm Fronto-temporo-orbito-zygomatic approach (R. Delfini) 3.30 pm Coffee break

3.40 pm Step-by-step Hands-on. Transcranial approaches

6.30 pm Adjourn

8.30 pm Dinner (dress code: casual)

PROGRAM

8.30 am	(F. Tomasello)	ر ر
9.00 am	Endoscopic endonasal approach to the cavernous sinus & Meckel's cave (G. Frank)	Tipodiy May
9.15 am	Endoscopic endonasal approach to the clivus (S. Chibbaro)	7
9.30 am	Endoscopic endonasal approach to the CVJ (J. Lehmberg)	TIDO
9.45 am	Endoscopic endonasal cranial base reconstruction techniques (D. Locatelli)	
10.00 am	Coffee break	
10.10 am	Step-by-step Hands-on. Endonasal approaches	
1.00 pm	Lunch	
2.00 pm	Microscopic transcranial approach to the cavernous sinus and Meckel's cave ${\bf (A.\ Santoro)}$	
2.15 pm	Microscopic retrosigmoid approach (R. Spaziante)	
2.30 pm	Endoscopic retrosigmoid approach (U. Godano)	
2.45 pm	Postero-lateral & antero-lateral approaches to the foramen magnum (S. Froelich)	
3.00 pm	Posterior approach to the foramen magnum (F. Maiuri)	
3.15 pm	Cranial base reconstruction techniques (G. Catapano)	
3.30 pm	Step-by-step Hands-on. Transcranial approaches	
6.30 pm	Adjourn	
8.30 pm	Gala dinner (dress code: formal)	

8.30 am	Honored Guest Lecture: State of the art and future perspectives of iMRI $(\textbf{V.Benes})$
9.00 am	The role of neurosurgical journals in the evolving cultural and technological scenario (N. de Tribolet)
9.15 am	Subtemporal approach & anterior petrosectomy (V. Esposito)
9.30 am	Complementary endoscopic transventricular approach for skull base lesions [M. Gangemi]
9.45 am	Skull base approaches in pediatric patients (G. Cinalli)
10.00 am	Step-by-step Hands-on. Transcranial approaches
11.30 am	Coffee break

Workshop Faculty

1.00 pm Adjourn

adimir Benes, MD	Domenico D'Avella,
esident EANS,	Vice-President EAN
ofessor and Chairman	Professor and Chair
Neurosurgery,	of Neurosurgery,
arles University,	Università degli Stu
ague, Czech Republic	Padova, Italy

Roberto Delfini, MD

President SINch,

of Neurosurgery,

Roma, Italy

Roma, Italy

Federico II,

Napoli, Italy

Università Sapienza,

Alberto Delitala, MD

Chief Department

of Neurosurgery,

of Neurosurgery,

Nicolas de Tribolet, MD

Neurochirurgica,

Geneva, Switzerland

Paolo Cappabianca, MD
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Paolo Castelnuovo, MD Professor and Chairman of Otorhinolaryngology,

Università dell'Insubria, Varese, Italy Giuseppe Catapano, MD

Chief Department of Neurosurgery Associate Professor Ospedale G. Rummo, Benevento, Italy

Luigi Maria Cavallo, MD, PhD Neurosurgeon, Department of Neurosurgery, Università degli Studi di Napoli Editor-in-Chief Acta Federico II, Napoli, Italy

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Neurosurgery, Ospedale Santobono, Napoli, Italy

Felice Esposito, MD, PhD Neurosurgeon, Department of Neurosurgery, Strasbourg, France Università degli Studi di Napoli Federico II, Giuseppe Cinalli, MD Napoli, Italy Chief Department of Pediatric

Vincenzo Esposito, MD Professor and Chairman of Neurosurgery, Università Sapienza tudi di Padova, Istituto Neuromed, Pozzilli (IS), Italy

Giorgio Frank, MD Chief Department of Neurosurgery, Professor and Chairman Ospedale Bellaria, Bologna, Italy

Sebastien Froelich, MD Associate Professor of Neurosurgery, Hôpital Lariboisière, Ospedale San Camillo Forlanini, Paris, France

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Umberto Godano, MD Chief Department of Neurosurgery, Ospedale S. Carlo, Professor of Neurosurgery, Potenza, Italy

Edward R. Laws, MD, FACS Professor of Neurosurgery, Professor of Medicine Director of the BWH Pituitary/ Neuroendocrine Center

Boston, USA

of Neurosurgery, Università degli Studi di Napoli Federico II, Napoli, Italy

Antonio Santoro, MD Professor and Chairman

Jens Lehmberg, MD

Technical University,

Davide Locatelli, MD

Ospedale San Matteo,

Francesco Maiuri, MD

Professor and Chairman

Munich, Germany

Neurosurgery,

Pavia, Italy

Professor of Neurosurgery

Klinikum Rechts der Isar,

Neurosurgeon, Department of

of Neurosurgery, Università Sapienza, Roma, Italy

Renato Spaziante, MD Professor and Chairman

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Vice-President WFNS, Professor and Chairman of Neurosurgery,

Università degli Studi Brigham and Women's Hospital, Messina, Italy