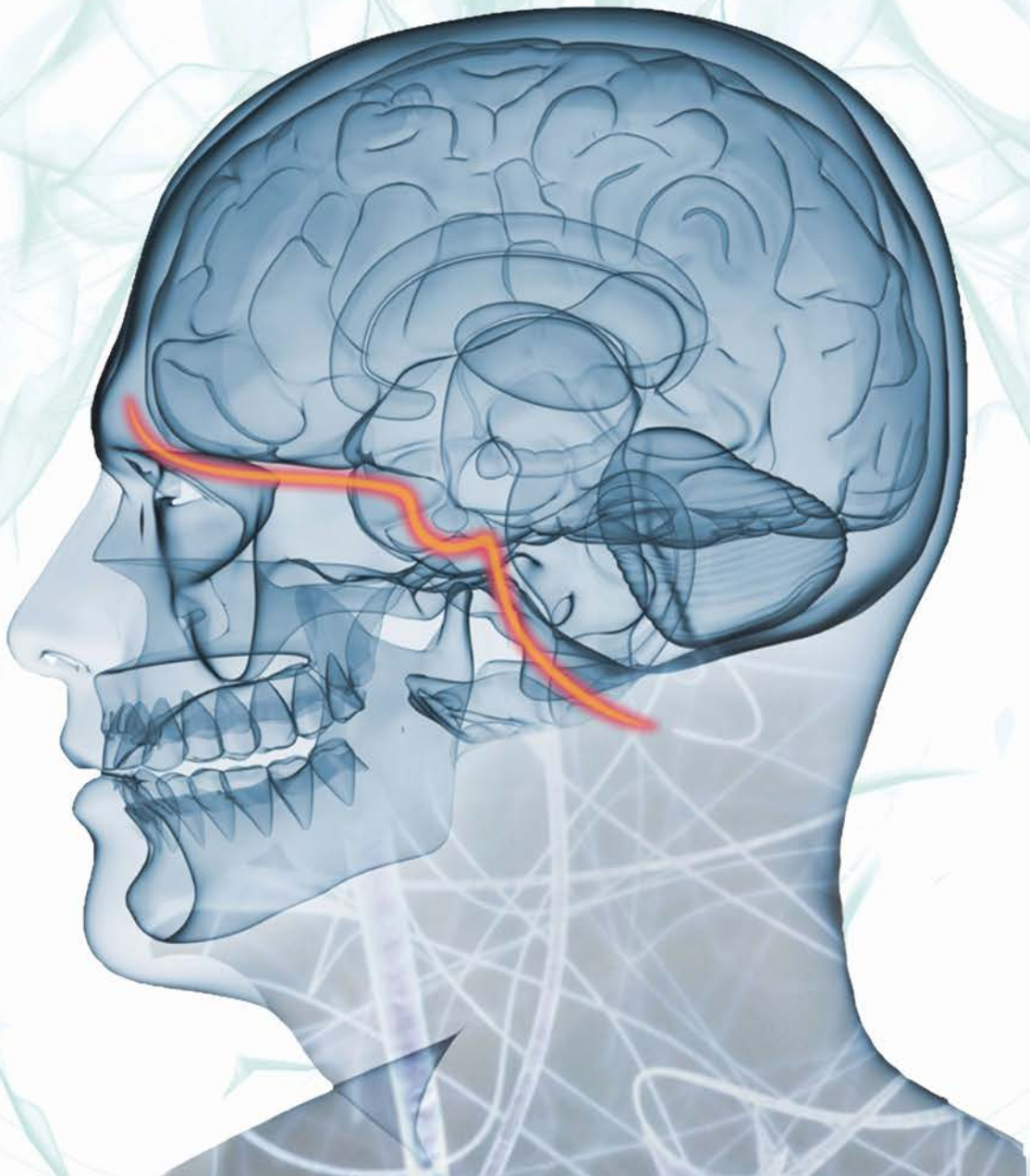
Global Neuro

Final Program

Global Neuro Dissection Course
Complex Cranial Approaches to Skull Base and Surrounding Areas

September 17–19, 2021 | Rome, Italy



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Global Neuro welcomes you

On January 1, 2018, AONeuro became Global Neuro for the purpose of broadening our geographical reach and for the opportunity to work with multiple partners. Our new foundation is incorporated in Switzerland, and is ready to serve you to improve the educational and practical experiences in patient care and outcomes.

We offer educational events across the world, with rigorously prepared and evaluated curricula, in multiple cultural and educational formats. Global Neuro's educational offerings include lecture presentations, interactive case discussions, small group discussions, practical exercises, simulation exercises, and online education. Global Neuro strives to increasingly collaborate with regional, national, and international societies and organizations to deliver symposia and courses at congresses and annual meetings. These partnerships enable us to provide the best formats possible.

While our initial educational efforts began with neurosurgeons, we are increasingly collaborating with neurologists, neurointensivists, neuroanesthesiologists, neuroradiologists, and other neuro professionals to provide comprehensive education and program development opportunities. Medicine, neurological care, and recovery are too complex to depend upon a single discipline. As such, collaboration is required to be able to make the greatest impact in our patients progress and outcomes.

We hope this program meets your expectations, as it is based on continuous development, study, evaluation, and discussion. Please let us know if you have ideas or suggestions for how we can enhance your learning and educational experience.

Please join our network of professionals as we work together to improve the results in neuro care and rehabilitation for all our patients.

Warm regards,

Paul N Manson
Chairman Global Neuro Foundation

Course description

The course is based on the competencies defined in Global Neuro's curriculum for skull base and features an international and national faculty of experts in the field. It is delivered through a combination of lectures, especially focused on surgical anatomy, pertinent case-based discussions, hands-on dissection and, for the first time, didactic sessions using cadaver-free simulators with augmented virtual reality.

All didactic sessions will focus on anatomy as well as on concepts, strategies, and modern techniques to deal with the most common skull base and surrounding areas affecting diseases. Dissections will cover the most common microsurgical and endoscopic approaches in a systematically guided manner and will be performed in a high-level laboratory with anatomical specimens and additionally parallel sessions with highly equipped augmented virtual reality workstations. Special focus will be given to translate the laboratory experience into the real clinical practice by numerous case discussion sessions and interpersonal face to face relationships during the dissections.

Target participants

The Global Neuro Skull Base course has been developed for neurosurgeons, CMF surgeons, ENT surgeons, and surgeons practicing in related disciplines (e.g., trauma surgeons, plastic surgeons, etc.).

Goal of the course

This course addresses the complex anatomical structures of the skull base and surrounding areas, relevant approaches, and current concepts in the surgical management of skull base lesions, including trauma. It will enhance surgical skills in endoscopic and open approaches, with a focus on interdisciplinary management.

The course also strives to provide an opportunity for participants to debate and exchange ideas and experiences in an open and constructive debate with the leading experts in the field, through a direct and informal face to face experience between teachers and participants.

Learning objectives

Upon completion of this course, participants should be able to:

- Describe the complex anatomy of the skull base and its relation to the surrounding areas
- Perform the most up-to-date endoscopic and microsurgical approaches
- Recognize the most adequate surgical approach for the most relevant pathologies (tumor, vascular, trauma, etc.) affecting skull base and surrounding areas
- Handle with the most up-to-date integrated treatment practices for these pathologies
- Review the technical solutions that are available to perform safe and precise skull base procedures

Chairpersons

Maurizio Iacoangeli
Marche Polytechnic University
Ancona, Italy
(Board Italian Skull Base Society)

Paolo Castelnuovo
University of Insubria
Varese, Italy
(President of the Italian Skull Base Society)

AUGMENTED VIRTUAL REALITY DISSECTION PARALLEL SESSIONS

Course Directors

Federico Nicolosi
Humanitas
Milan, Italy

Fabrizio Salvinelli
Campus Bio-Medico University
Rome, Italy

Faculty

International faculty

Michael Buchfelder	University Erlangen-Nürnberg	Erlangen, Germany
Andreas Demetriades	University of Edinburgh (President-Elect European Association of Neurosurgical Societies)	Edinburgh, UK
Christian Matula	Medical University of Vienna (Board of the World Federation of Skull Base Societies)	Vienna, Austria

Joining virtually

Siviero Agazzi	University of South Florida (Board of the North American Skull Base Society)	Tampa, Florida, USA
Fred Gentili	University of Toronto (Board of the North American Skull Base Society) (Board of the World Federation of Skull Base Societies)	Toronto, Canada
Franco Servadei	Humanitas University of Milan (President of the World Federation of Neurosurgical Societies)	Milan, Italy

National faculty

Francesco Biroli	Papa Giovanni XXIII General Hospital (Former President of the Italian Skull Base Society)	Bergamo, Italy
Paolo Cappabianca	Federico II University (President of the Italian Neurosurgical Society)	Naples, Italy
Domenico D'Avella	University of Padua	Padua, Italy
Davide Locatelli	University of Insubria (Former President of the Italian Skull Base Society) (Board of the European Skull Base Society)	Varese, Italy
Massimo Scerrati	Marche Polytechnic University	Ancona, Italy

Associate Table Instructors

Antonio Biroli	University of Brescia	Brescia, Italy
Fabio Greco	Campus Bio-Medico University	Rome, Italy
Angelo Pompucci	Santa Maria Goretti General Hospital	Latina, Italy
Elisabetta Zanoletti	University of Padua	Padua, Italy

Special guest

Antonio Mazzoni	University of Padua (Former President and Founding Member of the European Skull Base Society) (Former President of the Italian Skull Base Society)	Padua, Italy

Friday, September 17, 2021

Time	Agenda item	Faculty
08:00–08:30	Registration	
08:30–08:50	Welcoming comments, course objectives, presentation and mission of the Campus Bio-Medico Hospital and University	Dean and CEO UCBM, F. Salvinelli P.Castelnuovo M. Iacoangeli
08:50–09:10	UpsurgeOn augmented virtual reality cadaver-less skill training courses: the substitute, the future or the best ally?	F. Nicolosi
Module 1: Anterior and antero-lateral skull base approaches		**Moderator: F Biroli**
09:15–09:35	Surgical anatomy and principles of antero-lateral skull base corridors	C. Matula
09:35–09:55	Antero-lateral skull base approaches: key surgical steps and pertinent cases	A. Demetriades *Discussant:* C. Matula
09:55–14:00	**Dissection 1 (Chief Instructors: C. Matula, A. Pompucci)** Surgical guide to dissection 1: - Pterional approach and its variants: orbitozygomatic approach, anterior clinoidectomy and trans-cavernous sinus approach (Neuroaurgically oriented dissecftion) - Subtemporal, trans-zygomatic and anterior transpetrosal approach (ENT oriented dissecftion)	All faculty
14:10–14:50	**LUNCH**	
Module 2: Anterior and antero-lateral skull base approaches		**Moderator: M. Buchfelder**
14:50–15:10	Surgical orbital anatomy and principles of transorbital approaches	P.Castelnuovo
15:10–15:20	Anterior and transfacial skull base approaches: key surgical steps and pertinent cases	D. Locatelli
15:20–18:10	**Dissection 2 (Chief Instructors: P. Castelnuovo, D. Locatelli)** Surgical guide to dissection 2: - Orbital and transorbital approaches - Trans-subfrontal approach (According to Neurosurgeons Attendees preferences) - Supraorbital key-hole approach (According to Neurosurgeons Attendees preferences) - Elements of paranasal and transfacial approaches to anterior skull base (According to ENT Surgeons Attendees preferences)	All faculty

Friday, September 17, 2021

Time	Agenda item	Faculty
Module 2: Anterior and antero-lateral skull base approaches		**Moderator: M. Buchfelder**
18:15–18:35	**Keynote Lecture:** Global improvement of neurosurgical skills: the essential role of training and research. Pearls and suggestions from the WFNS global vision	F. Servadei *Discussant:* F. Biroli
18:35–19:00	Expert discussion, Wrap-up and end of day 1	All together
20:30–22:30	Dinner with The Master. Lecture: The re-evolution of skull base surgery: a glance from a pioneer **Prof. Antonio Mazzoni** Interviewers and discussant: A. Biroli, E. Zanoletti	All together

Saturday, September 18, 2021

Time	Agenda item	Faculty
Module 3: Endoscopic skull base approaches		**Moderator: A. Demetriades**
08:30–08:50	Surgical anatomy and principles of endoscopic anterior skull base corridors	F. Gentili *Discussant:* A. Pompucci
08:50–09:10	Endoscopic skull base approaches key surgical steps and pertinent cases	P. Cappabianca
09:10–12:30	**Dissection 3 (Chief Instructors: P. Cappabianca, F. Greco)** Surgical guide to dissection 3: – Standard endoscopic approaches – Extended endoscopic approaches	All faculty
12:30–13:20	**LUNCH**	
Module 4: Lateral skull base approaches		**Moderator: M. Scerrati**
13:20–13:40	Surgical principles and anatomy of the cerebello-pontine angle	M. Buchfelder
13:40–14:00	Surgical finalized anatomy of the petrous bone	E. Zanoletti
14:00–14:20	Lateral skull base approaches: key surgical steps and pertinent cases	F. Salvinelli
14.20–14.40	Retro-translabyrinthine approach: the neurosurgeon vision	D. D'Avella
14:40–18:45	**Dissection 4 (Chief Instructors: D. D'Avella, E. Zanoletti)** Surgical guide to dissection 4: – Petrosal approaches and its variants (retro- presigmoid, retro-translabyrinthine, posterior transpetrosal, middle fossa approach)	All faculty
18:45–19:00	Expert Discussion, Wrap-up and end of day 2	All together
20:00–22:30	Free evening	

Sunday, September 19, 2021

Time	Agenda item	Faculty
Module 5: Postero-lateral approaches		**Moderator: C. Matula**
08:30–08:50	Surgical anatomy and principles of postero-lateral skull base and upper cervical spine approaches	S. Agazzi *Discussant:* M. Buchfelder
08:50–09:10	Postero-lateral skull base and endoscopic upper cervical spine approaches: key surgical steps and pertinent cases	M. Iacoangeli
09:10–14:00	**Dissection 5 (Chief Instructors: A. Biroli, M. Buchfelder** Surgical guide to dissection 5: – Far lateral approach and its variants – Jugular foramen approaches – Transcervical approaches and endoscopic transnasal approaches to the cranio-vertebral junction	All faculty
14:00–14:15	Expert Discussion, Wrap-up, closing remarks and end of the course	

VIRTUAL DISSECTION PARALLEL COURSE

New technological advances offer learning opportunities outside of the traditional setting with the potential to significantly increase the surgical experience of neurosurgeons.

UpSurgeOn augmented virtual reality cadaver-less psychomotor skill training, the sequence.

- Virtual Reality to support Mental Training (Apps)
- Mixed Reality to support the Hybrid Training (transition from virtual to physical)
- Physical Reality to support Manual Training (Lab-in-aBox)

Four Parallel Workstations for training on:

Temporal, Retrosigmoid, Anterior Endonasal and Antero-Lateral approaches – open and endoscopic.

Event venue

Università Campus Bio – Medico in Rome

Via Álvaro del Portillo, 21
00128 Rome, Italy
Phone: +39 06 225411
Website: https://www.unicampus.it/ and https://www.policlinicocampusbiomedico.it/

Event organization

Global Neuro Foundation
Clavadelerstrasse 8
7270 Davos, Switzerland

Event Organizer
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Global Neuro funding sources

Unrestricted educational grants from different sources are collected and pooled together centrally or for specific events by the Global Neuro Foundation. All events are planned and scheduled by local and regional Global Neurosurgeons groups based on local needs assessment. We rely on commercial partners for in–kind support to run simulations/skills training if educationally needed.

Event organization compliance

In certain countries where Global Neuro has no office but offers educational events, the Global Neuro cooperates with third–party companies to conduct local organization and logistics, as well as to communicate with participants in the local language. In these cases, the Global Neuro Foundation has put rules and guidelines in place (Letter of Secondment, Global Neuro Foundation—Principles of Educational Events) to ensure that this cooperation has no impact on the curricula, scientific program, or faculty selection.

Event information

Event fee

Participants: 20 Full Participants and 7 observers

Course fee:

500 Euro for Full Participants (lessons, cadaver dissection, 2 participants for one head, and virtual reality workstations)

250 Euro for Observers (everything but cadaver dissection)

Included in the course fee are course material, coffee breaks, lunches, one dinner and a course certificate.

Registration

Please click on the registration link below to register for the Global Neuro Dissection Course: https://globalneuro.org/EN/education/event-detail/6.html

European CME Accreditation

The Global Neuro Dissection Course Complex Cranial Approaches to Skull Base and Surrounding

Areas, Rome, Italy, 17/09/2021-19/09/2021 has been accredited by the European Accreditation

Council for Continuing Medical Education (EACCME®) with 20 European CME credits (ECMEC®s).

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Course certificate

All Global Neuro events apply the same evaluation process, either online (pre- and post-event evaluation) or/and onsite by paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

Evaluation guidelines

All Global Neuro events apply the same evaluation process, either online (pre- and post-event evaluation) or/and on-site by audience response system (ARS) or paper and pencil questionnaires. This helps Global Neuro to ensure that we continue to meet your training needs.

Dress code

Casual.

No insurance

The event organization does not take out insurance to cover any individual against accidents, theft or other risks.

Security

Security checks may be conducted at the entrance of the building. Wearing of a name tag is compulsory during lectures, practical exercises, and group discussions.

Mobile phone use

Use of mobile phones is not allowed in the lecture halls and in other rooms during educational activities. Please be considerate of others by turning off your mobile phone.

Intellectual property

Event materials, presentations, and case studies are the intellectual property of the event faculty. All rights are reserved. Check hazards and legal restrictions on www.globalneuro.org/legal

Recording, photographing, or copying of lectures, practical exercises, case discussions, or any course materials is strictly forbidden. Participants violating intellectual property will be dismissed. The Global Neuro Foundation reserves the right to film, photograph, and audio record during their events. Participants must understand that in this context they may appear in these recorded materials. The Global Neuro Foundation assumes participants agree that these recorded materials may be used for Global Neuro marketing and other purposes and made available to the public

Global Neuro Foundation—Principles of Educational Events

1) Academic independence

Development of all curricula, design of scientific event programs, and selection of faculty are the sole responsibilities of volunteer surgeons from the Global Neuro network. All education is planned based on needs assessment data, designed and evaluated using concepts and evidence from the most current medical education research, and involving the expertise of the Global Neuro Education Institute (www.globalneuro.org). Industry participation is not allowed during the entire curriculum development and planning process to ensure academic independence and to keep content free from bias.

2) Compliance to accreditation and industry codes

All planning, organization, and execution of educational activities follow existing codes for accreditation of high-quality education:

- Accreditation Criteria of the Accreditation Council for Continuing Medical Education, USA (www.accme.org)
- ACCME Standards for Commercial Support: Standards to Ensure Independence in CME Activities (www.accme.org)
- Criteria for Accreditation of Live Educational Events of the European Accreditation Council for Continuing Medical Education (www.uems.eu)
- Events that receive direct or indirect unrestricted educational grants or in-kind support from industry also follow the ethical codes of the medical industry, such as:
- Eucomed Guidelines on Interactions with Healthcare Professionals (www.medtecheurope.org)
- AdvaMed Code of Ethics on Interactions with Health Care Professionals (www.advamed.org)
- Mecomed Guidelines on Interactions with Healthcare Professionals (www.mecomed.org)

3) Branding and advertising

No industry logos or advertising (with the exception of the Global Neuro Foundation) are permitted in the area where educational activities take place. Sponsors providing financial or in-kind support are allowed to have a promotional booth or run activities outside the educational area with approval from the event chairperson.

4) Personnel

Industry staff are not allowed to interfere with the educational content or engage in educational activities during the event.

Sponsor

We thank our major industry partners DePuy Synthes and Integra for contributing in-kind support (material and logistics) without which this event would not be possible. A special thanks to Integra for providing an unrestricted educational grant and to DePuy Synthes for providing an educational grant for this event.

Notes

Global Neuro

Visit www.globalneuro.org
and sign up for our newsletter

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