



EDUCATION • TRAINING • INNOVATION • RESEARCH • LEADERSHIP • EXCELLENCE

EANS 2024-2025 Annual Report

Elevating Standards In Neurosurgery



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES

eans.org



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The EANS Annual Report 2024-2025 was compiled under the leadership and supervision of the EANS President Torstein R. Meling, with the contribution of the EANS Office Holders. The publication is organised by the EANS Communications Manager Maria Kantziari and the EANS Office Team.

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President's Report



As President of the EANS, I am very proud to report on a year of progress and achievement. My motto "Building Bridges and Opening Doors (and minds)" has guided our work, emphasising our commitment to collaboration across geographical, professional, and institutional boundaries to strengthen neurosurgery in Europe and to strengthen our ties with European neuroscience organisations.

We have expanded training and educational opportunities, most notably with the opening of the UEMS-accredited European Diploma in Interventional Neuroradiology to neurosurgeons. This marks a significant step toward fostering interdisciplinary expertise and enhancing access to specialised training.

The fantastic success of EANS 2024 in Sofia demonstrated the vitality of our community. With nearly 1,900 participants from 89 countries, the congress not only showcased the remarkably high scientific level of European research, but also underscored our position as the leading global platform for scientific exchange in neurosurgery. But beyond the science, EANS2024 celebrated the spirit of our society, and it was heartwarming to witness young neurosurgeons finding their place within our EANS, contributing to its continued growth and future success.



EANS 2024 in Sofia

Our financial position is stronger than ever, allowing us to invest in a wide range of initiatives that enhance training, education, and research. Building on our longstanding partnership with Zeiss, we have welcomed a new collaboration with BrainLab, further enriching the resources available for our core activities in neurosurgical education.



I extend my deepest gratitude to all Individual Members for their unwavering support of our events and initiatives; to the Chairs and members of our Sections, Committees, and Task Forces for their commitment to upholding the highest standards in our programmes; to the administrative office for their tireless dedication every day of the year; to the national member societies, the very foundation of our EANS; and to the Board and Executive Committee for their dedication, volunteerism and friendship.

In the following paragraphs, I reflect on some key accomplishments over the past year and invite you to explore the various reports that make up the EANS 2024/2025 Annual Report.

ENGAGEMENT WITH NATIONAL SOCIETIES

In 2024/2025, EANS focused on enhancing its connections with national member neurosurgical societies. This included the active participation of EANS leadership at national member society annual meetings, the introduction of a calendar on the EANS website to highlight national events in Europe, and ongoing support for societies facing challenges, with particular emphasis on assisting the Ukrainian Association of Neurosurgeons. Additionally, EANS welcomed the Malta Association of Neurologists and Neurosurgeons (MANN) as a new member in early 2025.

ENGAGEMENT WITH EUROPEAN NEUROSCIENCE ORGANISATIONS

In 2024/2025, EANS also prioritised fostering formal strategic alliances with key European neuroscience organisations:

- European Brain Council (EBC): Joint advocacy for increased EU funding for neuro-research
- European Academy of Neurology (EAN): Joint participation in congresses, focus on brain health initiatives
- EUROSPINE: Continued collaboration on the Brain & Spine journal
- European Association of Neuro-Oncology (EANO): Joint participation in congresses, focus on brain tumour treatment
- European Society of Minimally Invasive Neurological Therapy (ESMINT): Joint scientific meeting under the EANS Vascular Section.
- European Society of Neuroradiology (ESNR): Joint participation in congresses and strengthened collaboration, including opening the EDiINR diploma to neurosurgeons
- International Society of Intraoperative Neurophysiology (ISIN): Joint participation in courses, focus on standardisation of intraoperative neurophysiological monitoring
- European Union of Geriatric Medicine Society (EUGMS): New collaboration to improve care for elderly neurosurgical patients

In addition, we continue our collaborations with organisations such as the Latin American Federation of Neurosurgery (FLANC), European Society of Pediatric Neurosurgery (ESPN), International Society of Pediatric Neurosurgery (ISPN), European Society for Stereotactic and Functional Neurosurgery (ESSFN), AO Spine, European Stroke Organisation (ESO), the Hydrocephalus Society, the Endoscopic TransOrbital Society (ETOS), and the International Federation of Neuroendoscopy (IFNE).

FOCUS AREAS

In 2024/2025, a strong emphasis was placed on advancing microsurgical training, with specialised EANS hands-on courses in Cluj and Rotterdam reinforcing microneurosurgery as a fundamental skill for neurosurgeons at all levels.

A new initiative was also launched to promote endovascular neurosurgery, featuring editorials, letters, surveys, and a dedicated webinar series.

Additionally, the establishment of an EANS Task Force on geriatric neurosurgery marks a significant step towards developing tailored approaches for the treatment of older patients with complex comorbidities.

EDUCATION, TRAINING & ONLINE RESOURCES

EANS has maintained its excellence in neurosurgical education and training. We have continued delivery of our traditional training courses and have expanded our educational portfolio with new courses at postgraduate level, including sub-specialist courses.

We also successfully delivered 9 specialised and 14 hands-on courses across Europe, providing essential practical training for neurosurgeons at various stages of their careers.

Our online education initiatives include regular webinar series covering a wide range of topics and development of an extensive archive of over 180 past webinars for continuous learning.

PROFESSIONAL DEVELOPMENT & CERTIFICATION



EANS 2024 in Sofia

EANS2024 in Sofia marks a historic milestone with the inaugural formal graduation ceremony for Fellows of the European Board of Neurological Surgery (FEBNS).

In a significant step towards fostering interdisciplinary expertise, the European Diploma in Interventional Neuroradiology (EDiINR) is now open to neurosurgeons, broadening opportunities for specialised training.

Meanwhile, the UEMS-EANS Joint Training Advisory and Accreditation Committee (JTAAC) remains committed to ensuring the highest standards in training programme across Europe.

RESEARCH AND BRAIN & SPINE JOURNAL



The year 2024 was a remarkable one for research within the EANS community, marked by the publication of numerous groundbreaking articles in prestigious journals, showcasing innovations across various fields of neurosurgery. Meanwhile, interest in the EANS Research Award has reached an all-time high, with a record 76 applicants for the 2024 edition.

The EANS Guidelines Development Project continues to progress, with the first publications anticipated in 2025.

Just three years after its launch, Brain & Spine has achieved an impressive Impact Factor of 2.5, reflecting its growing influence in the field. Now indexed in PubMed Central, Scopus, and Clarivate, it continues to expand its reach within the scientific community.

TRANSATLANTIC COLLABORATION

A new Memorandum of Understanding has been established between EANS and the American Association of Neurological Surgeons (AANS), marking a significant step in international collaboration. The launch of the EANS-AANS Resident Exchange Programme strengthens this partnership, offering residents free registration to attend specialised courses. Additionally, reciprocal invitations for leadership to participate in annual meetings reinforce the bonds between the two organisations.

ADMINISTRATIVE AND ORGANISATIONAL DEVELOPMENT

EANS has done important work to strengthen its organisational structure:

- Constitution and Bylaws: Updates to modernise governance structures
- Panel Diversity: Amendments to limit panel membership to two per individual and a maximum of three members per country to promote diversity
- Ethics: Initiated the development of a Professional Standards Guideline
- Strategy: Focus on developing a comprehensive strategic document to define long-term vision and goals

ADVOCACY

EANS has advocated for improved neurosurgical care and research funding:

- Brain Health: Participation in the Brain Health Summit in Brussels
- Research Funding: Efforts to secure increased EU funding for neurological research, particularly in traumatic brain injury (TBI) and traumatic spinal cord injury (SCI)
- Geriatric Neurosurgery: Presentation of an Action Plan for 2024-2030 to improve neurosurgical care for older people in Europe

FINANCIAL STABILITY

The year 2024/2025 marked a period of financial stability for EANS, strengthened by successful strategic partnerships with Zeiss and BrainLab. The decision to self-organise the annual congress proved to be a pivotal move, yielding a positive financial impact. This stability has, in turn, enhanced EANS' ability to invest further in its core missions of education, training, and research.

CONCLUSION

In conclusion, 2024/2025 has been a year of significant progress for EANS, marked by educational innovation, research advancement, strengthened alliances, and financial stability. Through our commitment to “Building Bridges and Opening Doors”, we have enhanced collaboration.

We stand at the dawn of a new era in neurosurgery—one defined by unprecedented technological advancements, evolving patient demographics, and deeper collaborations across disciplines. The “Golden Age of Neuroscience” is not an exaggeration; it is a reality.

The strength of EANS lies in its diverse community of neurosurgeons across Europe. Together, we will continue to address the challenges and opportunities that lie ahead, ensuring that European neurosurgery remains at the forefront of innovation and excellence in neurosurgical patient care.

As we move forward, we must remain committed to our core mission: advancing neurosurgery through education, research, and collaboration, always with the patient at the center of our efforts. Together, we will continue to lead, innovate, and inspire. The future of European neurosurgery is bright, and I am proud to walk this path with all of you. Thank you for your dedication, your passion, and your commitment to our shared goals.

Best regards,

Torstein R. Meling

EANS President 2023-2025

Executive Director's Message



Dear EANS Family,

I would like to express my heartfelt gratitude to you for being part of this remarkable community. Your participation, involvement, and contribution are deeply valued and reflect the sense of solidarity among neurosurgeons that has always been a cornerstone of our organisation.

The 2024-2025 period was truly an outstanding one for the EANS and its members. On behalf of the EANS Office, I am proud to share that we continued expanding our reach and operations to provide better education, training, and opportunities to the neurosurgical community in Europe – and beyond. We delivered the largest educational portfolio in EANS history, introducing new CME-accredited events and hands-on courses, while further enhancing our existing programmes. Remaining true to our pledge to advance neurosurgery worldwide, we also increased the number of webinars organised by our Sections, Committees, and Task Forces. This resulted in the largest offering of free and openly accessible webinars, covering all fields of neurosurgery, available to all neurosurgeons of the world.

A highlight of the year was the EANS2024 Sofia Congress, which brought together nearly 1,900 neurosurgeons and professionals related to neurosurgery at the iconic National Palace of Culture. The Congress was particularly notable for the strong participation of young neurosurgeons. To encourage their involvement, we implemented two landmark initiatives: reducing registration fees for neurosurgeons in training, and fully supporting the organisation of the 3rd World Congress of Young Neurosurgeons, within the EANS2024 in collaboration with ACNS.

EANS is both an association of National Member Societies and a community of Individual Members. In 2024, we made important progress in strengthening both pillars. Under the initiative of our President, Torstein R. Meling, we pledged – and fulfilled our promise – to be represented by an ExCom member at all National Member Society neurosurgical events to which we were invited. This practice is now being formalised to ensure long-lasting, fruitful connections between EANS leadership and our National Member Societies. At the same time, we took a major step for the benefit of our Individual Members: the decision to develop an EANS Mobile App, to be launched in 2025. We envision this app as the central hub of our community, keeping members engaged and updated with all EANS news.

As you read these lines, we are already well into 2025. What lies ahead is the continued evolution of our organisation. With dedication, professionalism, and unwavering focus on our mission, we will strive to deliver excellence in every aspect of EANS activities.

I warmly invite you to continue your journey with us and to find your place within this dynamic and ever-growing community.

Sincerely,

Valentini Amarantidou
EANS Executive Director

EANS Mission

The **European Association of Neurosurgical Societies (EANS)** is both an independent federation of European national neurosurgical societies and a fast-developing association of individual neurosurgeons from Europe and around the world.

Founded in 1971, by delegates from 18 national societies, today the EANS counts **41 European National Member Societies, 3 Affiliated Society Members and 2500+ Individual Members**. The organisation's objective is to enable its members to enhance the care they deliver to their patients by facilitating the exchange of scientific information at the highest level. In pursuit of this goal, the EANS arranges a wide range of meetings, symposia and educational courses, including the **European Congress of Neurosurgery** and the highly regarded **European Training Courses in Neurosurgery**.

THE EANS MISSION IS TO:

- > enhance the exchange of neurosurgical knowledge and experiences amongst its members;
- > promote the interests of the neurosurgical discipline, as well as the interests of neurosurgeons and of their patients both within and outwith the European geographical region;
- > facilitate the training of specialist neurosurgeons and surgeons-in-training;
- > bring together national and international neurosurgical associations.

To that end, the association undertakes the following activities, among others:

- > the organisation of neurosurgical congresses, among which the European Congress of Neurosurgery;
- > the organisation of programmes of clinical research and educational importance relating to neurosurgery and associated sciences;
- > advises its members on training programmes in order to establish a uniform standard in Europe;
- > acts as advisory body on topical issues submitted to the Association by its members.



EANS Office Holders

EANS Board 2023-2025



Torstein R. Meling
President



Francesco Sala
President Elect



Andreas Demetriades
Past President



Lukas Rasulić
Secretary



Marike Broekman
Treasurer



Selçuk Peker
*Board Member:
Audit Governance*



David Netuka
*Board Member:
CME & Guidelines*



Marisa Gandia
*Board Member:
Individual Membership
Committee Chair*



Michaël Bruneau
*Board Member:
Scientific Liaison*



Martin Lehecka
*Board Member:
Training Committee Chair*



Dariusz Jaskólski
*Board Member:
Historian*



Wilco Peul
*Board Member:
Editor of the official EANS Journal, Chair of the Examination
"Brain&Spine"*



Marcel Ivanov
*Board Member:
Chair of the Examination
Committee*



Karl Schaller
*Board Member:
President of the
EANS Foundation*



Wilco Peul
*Board Member:
President of the UEMS
Section of Neurosurgery*



Niklas Marklund
*Board Member:
Research Fund*



Katrin Rabiei
*Board Member:
Research Committee*



Valentini Amarantidou
*Board Member:
Executive Director*

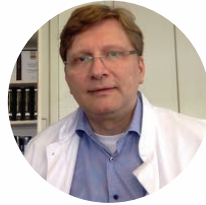
EANS Section Chairs 2023-2025



Jürgen Beck
*Section of CerebroSpinal
Fluid (CSF)*



Olaf Schijns
*Section of Functional
Neurosurgery*



Matthias Simon
*Section of Neuro-oncology
(Tumour)*



Bart Depreitere
*Section of Neurotrauma
and Critical Care*



Radek Frič
*Section of Pediatric
Neurosurgery*



Christian Heinen
*Section of Peripheral
Nerve Surgery*



Kita Sallabanda Diaz
Section of Radiosurgery



Roy Thomas Daniel
*Section of Skull Base
Surgery*



Florian Ringel
*Section of Spinal
Neurosurgery*



Marco Cenzato
*Section of Vascular
Neurosurgery*

EANS Committee Chairs 2023-2025



Yu-Mi Ryang
*Diversity in Neurosurgery
Committee*



Marcel Ivanov
EBNS Exam



Mario Ganau
Ethico-legal Committee



Jean Régis
Frontiers in Neurosurgery



Marisa Gandia
*Individual Membership
Committee*



Magnus Tisell
*Global and Humanitarian
Neurosurgery Committee*



Eberhard Uhl
JTAAC Committee



Katrin Rabiei
Research Committee



Martin Lehecka
Training Committee



Giovanni Raffa
*Young Neurosurgeons'
Committee*

EANS Task Forces



Kostas Fountas
Academy



Nikolay Gabrovsky
*Emerging Technologies and
Innovations in Neurosurgery*



Eric Schmidt
Geriatric Neurosurgery



Andreas Demetriades
Guidelines Development

Other Positions



Nikolay Velinov
*Director,
Hands On Courses*

EANS Office Team



Valentini Amarantidou
Executive Director



Martina De Gregorio
Events Manager - Education



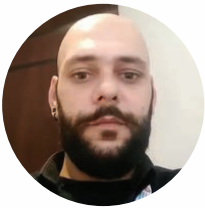
Thierry Hoppe
Office & Finance Manager



Maria Kantziari
Communications Manager



Visi Navarro
*Events Manager -
Training Courses & Exams*



Nikolaos Nikolaidis
Web & IT Systems Manager



Prodromos Nikolaidis
*Projects & Operations
Manager*



Anna Rek
*Development & Corporate
Relations Manager*



Maria Thomaidou
Projects Assistant

Congress Team



Despoina Amarantidou
*Director of Projects
and Operations*



Kelly Angelaki
*Scientific Programme
Coordinator*



Kleio Kalfoglou
*Scientific Programme
Coordinator*



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES

EANS

Annual Report 2024-2025

Reports from Sections



EANS ACADEMY



EANS
Foundation



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES



EANS2024
Sofia



EANS2025
Vienna



Section of CerebroSpinal Fluid (CSF)

What began as a task force in 2019, orchestrated by its founders and core members, chaired by Mansoor Foroughi and well-supported by the EANS Board, evolved into the Cerebrospinal Fluid Section (CSF) Section in 2022. Our mission is to inquire into the multifaceted, exciting, and evolving field of CSF disorders. We focus on all aspects of the “3rd Circulation” - an increasingly recognised vital system for (brain) health.

The CSF Section brought together a team of international experts working across a wide range of, e.g., hydrocephalus, normal pressure hydrocephalus, idiopathic intracranial hypertension, spontaneous intracranial hypotension, CSF leaks, Chiari malformations, syringomyelia, arachnoid cysts, endoscopic surgery, as well as research on glymphatic system, fluid and barriers.

The Section’s aim is to advance education, clinical practice, and scientific discovery of CSF disorders. Within the EANS, particular emphasis has been placed on fruitful collaboration with other sections, especially the Pediatric Neurosurgery, Spine, and Vascular Sections. Over the past year, we advanced the new classification system for hydrocephalus (ASPECT), provided live training in the fields of minimally invasive CSF leak repair, intraventricular endoscopy, as well as high-quality webinars. The CSF Section engaged in dynamic joint sessions in collaboration with the Hydrocephalus Society, ESMINT, the Vascular section of the EANS, endoscopy in neurosurgery, IFNE, and EAN. Meetings and live surgery courses were set up side-by-side with training of neuroradiologists and interventionalists. Last year, we have combined the resources and efforts of European Centres with Australia (Sydney), the US (LA, Duke, Stanford), Japan (Nagoya) and Singapore.

The CSF Section is gaining deserved momentum. We believe that the third circulation will be at the heart of basic research and new neurosurgical developments for years to come, linking hydrocephalus, neurodegenerative diseases, and brain function.



Jürgen Beck

2023-2025 Section of CerebroSpinal Fluid Chair



Section of Functional Neurosurgery

In 2024, the Functional Section of the EANS continued its dynamic development across educational activities, academic collaborations, and international outreach. A central highlight was its strong presence at the EANS Congress, alongside successful publications, training initiatives, and the launch of a new hands-on course.

The EANS Congress held in Sofia in 2024 featured a carefully curated programme, developed in collaboration with the Scientific Committee under the guidance of the EANS Scientific Liaison Prof. Bruneau, and the Functional Neurosurgery representative of the local Organising Committee, Dr. Minkin.

The lectures were distributed across the plenary session on DBS Neuromodulation - new advances and indications; this plenary session was preceded by a keynote lecture by Prof. Pieter Roelfsema from the Dutch Brain Institute, focusing on visual cortex stimulation.

In addition, three parallel sessions covered key areas of interest: epilepsy surgery & low-grade gliomas, DBS lesioning, and neurosurgical innovation in pain treatment. A Masterclass on Hemisferotomy for Epilepsy further enriched the programme. Renowned European neurosurgeons specialising in Functional Neurosurgery were invited to speak throughout the sessions.

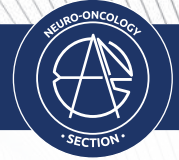
A significant milestone in recent years for the Functional Section has been the establishment of a cooperation with the European Society for Stereotactic and Functional Neurosurgery (ESSFN), led by President Prof. Rick Schuurman. A joint Congress Satellite Symposium, now in its fourth year, took place on the first day of the EANS Congress, and was open to all participants. Featured lectures included topics such as lesioning vs. DBS for psychiatric disorders and DBS in disorders of consciousness.

The Section members submitted four papers to Brain and Spine, all of which were published in 2024. Activities also included faculty participation in the EANS Functional Neurosurgery Training Course (Helsinki, January 2024), four webinars, and the successful launch of the EANS Epilepsy Surgery Hands-on Brain Dissection course in Vienna. The Section's website was redesigned to promote training, observership, fellowship, and scholarship opportunities and publications.



Olaf Schijns

2021-2025 Section of Functional Neurosurgery Chair



Section of Neuro-oncology

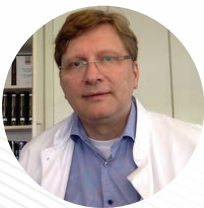
From 2024 to 2025 the EANS Tumour Section continued its efforts to function as a platform for many activities in the field of surgical neuro-oncology. We hope to carry on with this momentum through 2025 into 2026.

We have established a successful webinar series. The Tumour Section has helped with the organisation of the EANS2024 Congress in Sofia and will be responsible for a large portion of the Annual Meeting programme in Vienna 2025. We joined our US counterpart - the AANS/CNS Tumour Section - in 2024 for a tumorboard at the 2024 AANS Congress in Chicago. Joint EANS/EANO sessions have become a regular feature of the annual EANO conferences, and EANO participated in a joint session in Sofia for a first joint session at an EANS Annual Congress. EANO will join us again in 2025 in Vienna, and for the first time, we will have a Masterclass session together with the Neurosurgical Society of Australasia (NSA).

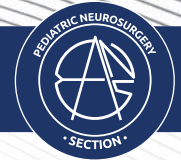
We have established an EANS/EANO working group, which has developed a first joint guideline addressing the optimal extent of resection in glioma surgery. Please stay tuned for the final paper, which we hope will be published later this year. We currently plan to work on a second guideline tackling issues related to the use of adjunct technologies in brain tumour surgery later this year.

The EANS Neuro-Oncology Section also pursues a very ambitious research agenda. Section achievements include recent papers which surveyed opinions throughout the EANS community concerning what constitutes expertise in surgical neuro-oncology, reviewed the pertinent literature on insula glioma surgery and provided a meta-analysis of published insular surgery results. The Tumour Section is currently guest-editing a special issue for our EANS journal *Brain & Spine* (Brain tumour surgery: Defining the onco-functional balance). Important ongoing projects include further meta-analyses (role of surgery for multifocal glioblastomas, surgery for incidental gliomas), surveys investigating treatment attitudes towards cases with epilepsy-associated tumours (together with the Section of Functional Neurosurgery) and supramarginal resections, and the RECMET study which investigates surgical treatment for recurrent brain metastases. We have collected 762 cases which constitute by far the largest study of this topic, so far! Results will be presented in Vienna. Finally, the DISTANT GBM study is currently collecting cases of surgery for distant glioblastoma recurrences.

The EANS Neuro-Oncology Section has been at the centre of many activities in the field of surgical neuro-oncology, and you can expect more to come!



Matthias Simon
2021-2025 Section of Neuro-oncology Chair



Section of Pediatric Neurosurgery

The mission of the Section of Pediatric Neurosurgery is to promote the interests and specificities of pediatric neurosurgery in interaction with other subspecialties of neurosurgery represented in EANS. We therefore focus primarily on topics that are of practical importance and interest to general neurosurgeons. The constitution of the section panel was adjusted in 2023, to include new colleagues from all parts of Europe. Good communication with both the European (ESPN) and International (ISPN) Societies of Pediatric Neurosurgery is secured through the representation of the current and elected presidents of both these societies in the panel. Section panel meetings were arranged every two months. Most importantly, we made efforts to reach out to all section members (currently more than 200). A private LinkedIn group was established as a platform for the exchange of information, feedback and suggestions from its members. Also, a Memorandum of Understanding between EANS and ISPN was signed in 2024. The first common project is the contribution of EANS educational material to the ISPN Library, a comprehensive online source of information on pediatric neurosurgery.

The Section organised several high-quality webinars that all attracted attention from a broad neurosurgical audience. Most of these webinars were organised in cooperation with other sections:

- “Treatment of cerebral palsy” (February 2024), w/Section of Functional Neurosurgery
- “Epilepsy surgery in children, Level 1” (April 2024), w/Section of Functional Neurosurgery
- “Pediatric TBI - insights from practice in three continents” (May 2024), w/Trauma section
- “Childhood-onset craniopharyngioma” (September 2024)

The highlight of the Section’s activity in 2024 was the EANS Congress in Sofia. In total, more than seventy abstracts were assigned to the pediatric programme. Four joint sessions were organised with other sections:

- “Functional neurosurgery in children” (w/Section of Functional Neurosurgery).
- “One shunt fits all” (w/Section of Cerebrospinal Fluid).
- “Posterior fossa tumors in children and adults” (w/Section of Neuro-Oncology).
- “Joint symposium on pediatric traumatic brain injury” (w/Trauma section and European Society of Pediatric and Neonatal Intensive Care).

In addition, a general pediatric neurosurgical session was also held.

During 2024, we continued the work on guidelines “Transition of pediatric to adult healthcare for patients with childhood-onset hydrocephalus”. A comprehensive text was prepared by a team of section members and is currently under editing, with close cooperation with the EANS Guidelines Committee. We also actively participated in several surveys distributed among EANS members:

- “Practice of management of TBI in children” (a joint project w/Trauma Section)
- “Management of hydrocephalus (ASPECT)” (w/CSF Section)

Additional surveys are currently underway.

Finally, section members participated as faculty in the EANS training course in Edinburgh (January 2024) and represented EANS in several events, including the meeting of the Ukrainian Association of Neurosurgeons (March 2024), the Symposium on Pediatric Neuro-oncology (Bucharest, May 2024), and the Congress of Serbian Neurosurgical Society (November 2024), supporting the pediatric neurosurgical community in these countries.



Radek Frič

2023-2025 Section of Pediatric Neurosurgery Chair



Section of Peripheral Nerve Neurosurgery

2024 marked another successful year for the Section of Peripheral Nerve Surgery. With the leading and internationally acclaimed European experts in our group, we continued to pursue the main goal of our efforts: to promote the advancement of Peripheral Nerve Surgery.

As one of the most active groups, the Section kept the rhythm of its activities on a high level and frequency, including bi-monthly meetings, interdisciplinary webinars, organising and contributing to meetings, and numerous publications.

During the EANS Annual Congress in Sofia, we orchestrated a highly appreciated plenary session featuring some of the world's leading Peripheral Nerve Surgeons, who also contributed to two parallel sessions and a masterclass. Traditionally, the 4th full-day Pre-Congress PNS Course was extremely well attended and evaluated.

As ambassadors of both EANS and Peripheral Nerve Surgery, several section members became part of the Peripheral Nerve Surgery Committee of the WFNS, led by section member Debora Garozzo. Furthermore, more section members participated as invited speakers in meetings all over the globe, including the AANS 2024 in Chicago.

The 2nd edition of the EANS and FLANC Practical and Theoretical Course on Peripheral Nerves and Brachial Plexus was organised by Christian Heinen in March 2025 in Hamburg, Germany. We also welcomed and collaborated with our friends and colleagues from the AANS.

With the support of the EANS a special issue on Peripheral Nerves is being prepared for publication in Brain & Spine.

The Section cordially invites anyone interested in the dynamic field of Peripheral Nerve Surgery to reach out and actively participate in its activities.

Finally, the Section expresses its gratitude to EANS for its continued support of the Section and its mission.



Christian Heinen

2021-2025 Section of Peripheral Nerve Neurosurgery Chair



Section of Radiosurgery

In October 2024, the Section of Radiosurgery organised a joint EANS-ESSFN Course in Neuro-Radiosurgery as a part of the EANS ESSFN European Diploma of Radiosurgery. The course took place during the EANS meeting in Sofia and focused on malignant tumours and immunology. Most of the speakers were from the SRS Section of EANS.

24 November is the birthday of Prof. Lars Leksell, the “Father of Radiosurgery.” EANS has decided to organise the annual SRS-EANS Course on this date, under the title “World Radiosurgery Day.” On 23–24 November, we organised the first edition of the course in Istanbul.

The course covered general topics, such as AVMs, malignant tumours, benign tumours, and functional neurosurgery. A total of 120 participants attended from across Europe.

Most of the faculty were from the EANS SRS Section.

The SRS Section is finalising the EANS-SRS guideline on the treatment of brain metastases, which we hope to present at the EANS Congress in Vienna. This is the first time that EANS has prepared such a guideline.

We have also submitted a proposal for the EANS School of Radiosurgery — a three-year programme leading to the EANS Diploma in SRS — and are currently awaiting the decision of the EANS Board.

This is a highly promising project, and we believe it will be particularly valuable for young neurosurgeons. For the next EANS Congress, we are preparing a masterclass, a parallel session, and a major plenary lecture.



Kita Sallabanda Diaz
2023-2025 Section of Radiosurgery Chair



Section of Skull Base Neurosurgery

The Section of Skull Base Surgery consists of internationally recognised European experts in the field. In the last couple of years, the Section continued with the same committee that was instituted in 2019 unchanged, in order to continue with several academic and teaching programmes and activities. The section had 15 members from 8 national societies. During these two years, we actively participated in planning/conducting the EANS Annual Congress (Sofia 2024 and Vienna 2025). We received over 170 abstracts for our section, covering a programme plan that had 10-12 sessions, including plenary, masterclass, parallel and oral e-poster sessions. For the 2025 Congress, multiple joint sessions with 3 other EANS sections have also been planned.

Following the COVID era, the webinars were scheduled at 2-3 per year (including joint webinars with ACNS). The educational activities were considerably improved by restarting hands-on courses or in-person conferences organised by the section. The basic courses were held once a year in Lausanne using 3D printed head models with tumours where trainees could perform surgery under guidance on skull base tumours using standard neurosurgical equipment. This course also had cadaveric anatomy and virtual reality stations for demonstration. The advanced skull base surgery cadaveric courses were held once a year at Pozzilli (Italy), Düsseldorf (Germany) and Strasbourg (France). In 2024, advanced cadaveric courses were also held at Adelaide, Australia (along with the Australian Neurosurgical Society) and New Delhi (Skull Base Surgery Society of India Annual Conference). The section also participated in anatomical model courses and lectures at the EANS Young Neurosurgeon's Meeting held in Catania (2025).

The section continued the active generation of consensus papers that had started with the same committee members in 2020. To date, we have published 17 papers on distinct skull base pathologies (4 papers between 2023-2024 and one more paper currently under review), in *Acta* (earlier years) and *Brain and Spine*. These publications are well cited and prove invaluable in elaborating current treatment paradigms from a European perspective. There are several European-level multicentre studies in progress on several topics coordinated by section members at Tübingen, Brussels and Lyon, among others.

The section looks forward to the nomination of the new Chair at the EANS 2025 Annual Congress.



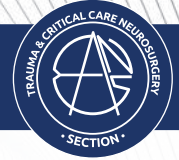
Roy Thomas Daniel

2023-2025 Section of Skull Base Neurosurgery Chair

Section of Spinal Neurosurgery



Florian Ringel
2021-2025 Section of Spinal Neurosurgery Chair



Section of Neurotrauma and Critical Care

The Section of Neurotrauma and Critical Care organised a 4th Neurotrauma Update meeting in Madrid on 22 and 23 February 2024, hosted by Alfonso Lagares and Ana Maria Castano Leon. This meeting was preceded by a well-attended one-day Neurotrauma Crash Course Part 1. This Crash Course Part 1, providing an overall update and case discussions, was successfully repeated at the Sofia EANS Congress, at which, in addition to the regular trauma scientific programme a joint symposium with the European Society for Pediatric and Neonatal Intensive Care (ESPNIC) was held on the topic of pediatric TBI.

Several TCC members actively contributed to the Training Course on Head Injury in Porto (August 2023). Five neurotrauma webinars were organised, among which the Valentine's Day webinar on penetrating TBI, coordinated by Elham Rostami, received excellent feedback. The TCC held a survey on organisational challenges associated with the management of TBI in children, working in collaboration with the pediatric section, ESICM and ESPNIC, and its members were very active at the INTS Congress in Cambridge in September 2024. The TCC was part of a consensus paper on the role for MMA embolisation in chronic subdural hematoma management published in *Brain and Spine*, a WSES consensus paper on the management of spinal cord injury in the context of polytrauma and finalised a Delphi consensus project on the management of TBI in the elderly that was submitted to *Brain and Spine*.

With the help of section members, a systematic review on restarting antithrombotic drugs following TBI was performed as a basis for a practice recommendation. And finally, a *Brain and Spine* Special Issue on Brain Trauma was published with 12 original TCC contributions.

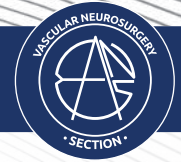
With its activities, the TCC aims to continuously invest in education and guidance and support research and networking in the field of neurotrauma.

Please let us know if you wish to play an active role in our story and join us at the Neurotrauma Summit, which the TCC is organising in collaboration with the European Neurotrauma Organisation (ENO) and ESICM in Lund, from 12 to 14 November 2025.



Bart Depreitere

2021-2025 Section of Neurotrauma and Critical Care Chair



Section of Vascular Neurosurgery

Over the past year, the Section of Vascular Neurosurgery has focused on advancing the training of neurosurgeons in both microsurgical and endovascular domains, in line with the evolving landscape of cerebrovascular treatment. A central goal has been to promote the integration of endovascular skills within neurosurgical education, fostering a more comprehensive approach to vascular pathologies.

To this end, two hands-on residential courses were held: The first was in Milan, involving international experts and featuring live surgery sessions. Participants engaged in practical exercises using human placentas and high-fidelity endovascular simulators, which bridged anatomical dissection with interventional training. A second thematic course on arteriovenous malformations (AVMs) was conducted in two parts—first in Milan and then in Zurich—combining live surgical demonstrations and hands-on training on placental models, offering participants an in-depth understanding of complex AVM surgery.

The Section also organised a series of webinars, including a particularly relevant one addressing the endovascular treatment of chronic subdural hematomas. The discussion focused on the need to establish clear clinical boundaries for a technique that was spreading rapidly but lacked standardised indications, helping frame a more balanced and evidence-based approach.

At the national and international level, members of the Section actively participated in scientific discussions and presentations to help redefine the role of the vascular neurosurgeon in a field increasingly influenced by endovascular dominance. Emphasis was placed on centralising expertise and promoting neurosurgeons' access to endovascular training, fully aligned with EANS' broader vision of multidisciplinary competence.

In a significant step forward, an agreement was reached with ESMINT to organise a joint session during the upcoming Vienna Congress. This collaboration aims to outline a shared training pathway for future vascular neurosurgeons and will culminate in the publication of a joint position paper, setting the groundwork for an integrated educational model.



Marco Cenzato

2023-2025 Section of Vascular Neurosurgery Chair



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OF NEUROSURGICAL SOCIETIES

EANS Annual Report 2024-2025

Reports from Committees





Diversity in Neurosurgery Committee

The EANS Diversity in Neurosurgery Committee started out as a Task Force in 2019 and received full Committee status in 2022. The DC's mission is to promote diversity in Neurosurgery in all its many different facets and to facilitate an inclusive environment enabling neurosurgeons to thrive regardless of their gender, religion, sexual orientation, or ethnicity. The DC focuses on identifying and raising awareness of career barriers, fighting inequity, shattering the glass ceiling, and championing inclusivity in European Neurosurgery.

In 2024, the Young Physician's Diverse Leaders Award, in collaboration with ESMT (European School of Management and Technology) Berlin, was awarded to the first Lebanese female neurosurgeon, selected from more than 60 applications across over 30 countries. The DC successfully secured Abbott as a full sponsor for 2026.

On the EANS website, biographies of historical and current trailblazers who have transformed European Neurosurgery are showcased in the online repository "Diverse Leaders in Neurosurgery – Inspiring Europe." Recently, accounts were launched on the social media platforms Instagram and LinkedIn to increase visibility and enable followers to connect more easily.

The DC hosted its first successful webinar in May 2025 on "Diversity in Neurosurgery – Breaking Barriers in a Changing World," and co-hosted a webinar in collaboration with the Young Neurosurgeons' Committee titled "Imposter Syndrome – Why Me?" The Committee also organised a well-received parallel scientific session at the EANS Annual Congress in Sofia, entitled "Challenges in Diversity Then & Now – Standing Still or Are We Moving Towards a More Diverse Future?"

Five manuscripts have been published in Brain & Spine.

The DC's latest publications include:

Vayssiere P, Broekman M, Cavallo C, et al.

Brain Spine. 2023 Nov 2;3:102690. doi: 10.1016/j.bas.2023.102690. eCollection 2023.

Janz C, Hadelsberg UP, Broekman M, et al. HYPERLINK Parenthood and neurosurgery in Europe, a white paper from the European association of neurosurgical societies' diversity in neurosurgery committee, part II - practice with children. Brain Spine. 2023 Dec 8;4:102717. doi: 10.1016/j.bas.2023.102717. eCollection 2024.

Komboz F, Ryang YM, Hernandez-Duran S. About the pressure to conform: a tribute to Dr Henry D. Messer. Brain and Spine 5 (2025) 104230.

Two surveys are currently in progress, focusing on data gathering, analysis, and manuscript preparation. One addresses professional burnout in neurosurgery (in collaboration with the YNC), and the other investigates the gender publication gap.

In the future, the DC plans to establish more sustainable formats for young, diverse neurosurgeons in training, such as a mentoring programme and the identification and recruitment of potential training sites across Europe. The DC welcomes all individuals to join and contribute to advancing the challenging profession of neurosurgery in an equitable manner.



Our motto remains:
We are Diversity – Diversity is EANS!

Yu-Mi Ryang

2023-2025 Diversity in Neurosurgery Committee Chair



EBNS - Exam Committee

The EANS Examination Committee has maintained a strong level of activity over the past 12 months, with continued focus on refining examination processes, enhancing the question bank, and promoting excellence in neurosurgical training.

Building upon the foundation outlined in the October 2024 report—which detailed examiner refreshment efforts, the successful delivery of the Part I and Part II examinations, and the inaugural FEBNS diploma ceremony—this update highlights further progress in standardisation and candidate assessment.

Key achievements during the reporting period include:

- Examiner engagement: Retention of 34 active examiners, alongside strategic appointments to replace inactive members.
- Exam delivery: Successful delivery of high-volume Part I MCQ examinations held in Edinburgh, Copenhagen, Prague, and Helsinki, as well as the Part II Oral Examination in Barcelona.
- Question bank enhancement: A productive question-writing session was conducted in April 2024, aimed at updating and modernising the exam content.
- Diploma recognition: Formal establishment of the FEBNS award ceremony as a central element of professional recognition within the EANS.

With regard to the Examiner Committee:

- The current number of active examiners stands at 34, reflecting a net change of +7 new appointments and -9 resignations over the past year.
- A waiting list of 12 potential examiners is currently under review, with the aim of maintaining broad geographic and subspecialty representation. Particular attention is being paid to increasing the representation of women within the Examination Committee.
- A focus has been placed on streamlining examiner training, ensuring alignment with updated question formats and the evolving standards of assessment.



Marcel Ivanov
2023-2025 EBNS Exam Chair



Ethico-legal Committee

Over the past two years, the Ethico-legal Committee has interpreted its role within the EANS family as a catalyst of ethical and medico-legal thoughts, which has been well embedded in many flagship activities of our society, including webinars, editorials and scientific papers.

The members of the 2023-2025 Ethico-Legal Committee have been active in providing a balanced contribution to many ongoing discussions within the neurosurgical community: for instance, we studied the hot topic of artificial intelligence (AI) and the application of large language models (LLM) in academia. More specifically, we looked at the automatisisation of literature review and explored the moral implications of using AI to prepare scientific papers, as such we helped test the performance of various LLM in answering basic knowledge questions or those assessing critical thinking skills from the written part of the European Board Examination in Neurological Surgery. This exercise allowed us to envision a possible role for AI in the preparation of better-structured exam questions with the aim of making them fairer and more efficient in evaluating the many candidates who annually sit our exams.

Furthermore, the Ethico-Legal Committee has also pursued a strong collaboration with many other EANS sections to critically reflect on our daily approach towards various ethically challenging neurosurgical scenarios. To give a few key examples from our joint webinars, we explored the ethical implications of global neurosurgery, and we delved deeper into the legal aspects surrounding non-accidental injury in paediatric patients.

Last but not least, in the Ethico-Legal Committee we interpreted our role as liaisons between EANS and its members and this has led to a growing presence in the Annual Congress: from one parallel session in Barcelona 2023 and Sofia 2024 to the exciting figure of three parallel sessions in Vienna 2025. The root of such remarkable increase in our presence can be tracked back to our cross-pollination strategy, which has seen a close collaboration with formidable partners, namely the Young Neurosurgeons' Committee and the Individual Membership Committee.

Many scientific publications from Ethico-Legal Committee members are currently in the pipeline, nonetheless, the biggest project on the horizon is the Joint Congress with the Serbian Neurosurgical Society entitled: "Ethico-Legal Aspects in Neurosurgery in the 21st Century: Challenges and Opportunities", which takes place in Novi Sad, in October 2025.

In a nutshell, as the world becomes more complex every day, the Ethico-Legal Committee remains committed to ensuring that the EANS and its members are well-educated and ready to deal with the ethical and medico-legal aspects of our clinical practice.

Please join our quest and keep supporting us!



Mario Ganau

2023-2025 Ethico-legal Committee Chair



Frontiers in Neurosurgery Committee

In 2024, the EANS Frontiers Committee continued to consolidate and expand its activities, building upon the foundation established by its strategic position paper (Lawson McLean et al., *Brain & Spine*, 2024). The committee's primary objective remains the revitalisation of neurosurgical leadership in emerging and underrepresented areas, including high-intensity focused ultrasound (HIFU), radiosurgery, neurosurgical management of cancer pain, and rare indications such as orbital tumours.

Following its inaugural session at EANS2023 in Barcelona, 2024 marked further integration of the Committee into the EANS scientific programme. This included a collaborative session with the Vascular Section during EANS2024 in Sofia. An interdisciplinary session focused on neurosurgical pain management is currently planned for the EANS2025 Congress in Vienna, in cooperation with the Neuro-oncology Section.

The committee has developed a "map of opportunities" to structure its domains and outline strategic objectives. Web content for all current frontier topics is in the process of being uploaded to the EANS website. Several educational initiatives are at an early stage of development, including proposed courses on HIFU and radiosurgery, currently under discussion with relevant industry partners, as well as thematic webinars.

Regular meetings and strategic engagement with section members and external stakeholders have been maintained throughout the year to ensure alignment with broader EANS goals.

Scientific contributions include the publication of the strategic framework paper in *Brain & Spine* (2024), and ongoing preparation of a journal special issue focused on the neurosurgical management of cancer pain, scheduled for publication in mid-2025. Additional efforts are underway to identify relevant clinical trials and research collaborations that align with the committee's mission.

The committee remains committed to embedding frontier content within EANS training and educational offerings, while continuing to advocate for interdisciplinary collaboration and the sustained leadership of neurosurgeons in rapidly advancing fields.



Jean Regis

2021-2025 Frontiers in Neurosurgery Committee Chair

Global and Humanitarian Neurosurgery Committee



In a time of increasing global conflicts, cooperation is more important than ever. The European Neurosurgical Community has much to offer but also learn from colleagues at other continents. Starting collaborations between EANS institutions and counterparts in low and middle income countries can be challenging in many ways. To facilitate this process, GHC has worked with guidelines. These guidelines have been based on structured interviews and open workshops, resulting in two manuscripts and a plenary presentation on the upcoming Vienna Congress.

GHC has also put in a lot of effort to support a Pan African resident course cycle in collaboration with the African neurosurgical organisations. This can hopefully be a continental gamechanger, strengthening both the training of African doctors and the African neurosurgical community. The course took place in Dar es Salaam in May 2025 where more than 100 residents from all over Africa attended, an impressive number with regard to the scarcity of neurosurgeons in the region. Hopefully, this will be a start of a four-year course cycle. Our role has been to provide administrative and educational help if needed as well as to apply for funding.

The webinars on challenges with research, ethics, resident training and trauma in low resource setting have been much appreciated. Thanks to the wholehearted commitment of all GHC members, we have been able to put together scientific sessions in the EANS Congresses reflecting some of these issues.

In a previous study by GHC, it was found that many EANS members have the will and the interest to participate in the development of neurosurgery on a global scale. GHC wants to help to pursue these goals by twinning capacity with needs.

We can all make a difference!



Magnus Tisell

2023-2025 Global and Humanitarian Neurosurgery Committee Chair



Individual Membership Committee

The Individual Membership Committee is pleased to report on its activities and developments over the past months—a period characterised by growth, innovation, and, above all, human connection. This report reflects not merely a series of achievements, but a celebration of the dedication, commitment, and shared vision that continue to drive the EANS community forward.

From the outset, the committee's mission has been clear: to deliver tangible value to members in both their professional and personal lives. In pursuit of this goal, several significant steps were taken during the reporting period. Notably, the Committee organised 41 high-quality EANS webinars throughout 2024 and prepared the first session devoted exclusively to membership-related topics, scheduled for 2025. This milestone was not simply a technical accomplishment, but a meaningful demonstration of the Committee's ongoing commitment to providing relevant and tailored experiences to EANS members.

As part of efforts to further enhance professional development opportunities, the Committee also initiated the accreditation process for a number of webinars. This allows members to earn continuing education credits, in direct response to their expressed needs. By aligning educational content with members' career development goals, the Committee has ensured that the value of these offerings extends beyond knowledge-sharing, serving as a practical tool for ongoing advancement.

In recognition of the evolving habits and needs of members, the Committee introduced a new podcast series. This on-demand platform offers expert insights, inspiring stories, and timely updates—accessible anytime, anywhere. Whether during a commute or a break between clinical duties, members are now able to stay connected and informed at their convenience.

Listening to members remained a priority throughout the year. The Committee undertook a data analysis of the current membership and launched a survey designed to gain deeper insight into who EANS members are and what they value. These findings are expected to guide future strategy and ensure that member services remain aligned with the community's needs.

A major step forward has been the development of a new mobile application. More than a matter of convenience, the app represents a vision for a more connected and accessible future. It brings a rich ecosystem of knowledge, event updates, and community features directly into the hands of EANS members, reinforcing engagement and accessibility.

Two significant collaborations also took place during the reporting period. A joint session was developed in partnership with the Ethicolegal Committee for the upcoming Annual Congress, and a collaborative project was launched with the Research Committee. These initiatives reflect not only strategic synergy but also the collaborative spirit that lies at the heart of the EANS community.

Across all initiatives, the Individual Membership Committee has witnessed the transformative power of collaboration. The energy and dedication of EANS members, delegates, and partners have been instrumental in every success. Each milestone achieved this year stands as a testament to the shared commitment and unity within the neurosurgical community.

Looking ahead, the Committee does so with both optimism and gratitude. While the journey continues, the foundation has been laid for a stronger, more innovative, and more inclusive community—one that supports every member in reaching their full potential.



Marisa Gandia

2023-2025 Individual Membership Committee Chair

JTAAC Committee



At the moment, 15 units hold full accreditation, and 2 units hold provisional accreditation, which need to be re-assessed this year.

Ten accreditations had expired. To regain accreditation, the training programme directors of these departments were offered the opportunity to complete an abbreviated re-accreditation form. Seven departments expressed interest in reapplying and submitted their documents. Three departments did not respond and had to be removed from the list of accredited units. As the first visits to the departments applying for reaccreditation date back more than ten years, the members of JTAAC have decided that a revisit will be necessary for all of them. These visits are currently being planned and will take place in the coming months.

There were two new applications. One was accepted for further follow-up, and a first site visit needs to be performed. The other was deemed too early in the development of the new training programme and the programme director was asked to reapply after the first trainees have completed the programme.

The Committee also decided to update its terms of working practice. A major change is that the Committee will be reinforced by a representative of the Young Neurosurgeons' Committee and a representative of the Diversity in Neurosurgery Committee. At present, these representatives are Yu-Mi Ryang and Saqiba Jadoon. With their support, the questionnaire that is typically sent to trainees during the evaluation process has been updated, and several questions concerning topics such as work-life balance, diversity, and harassment were included.

We were also pleased to welcome Marcel Ivanov to the Committee who replaces our long-time member Peter Whitfield in his role as the representative of the EANS Examination Committee. However, Peter Whitfield will continue to support JTAAC as a site visitor.



Eberhard Uhl

2017-2025 JTAAC Committee Chair



Research Committee

Over the past year, the EANS Research Committee has undergone significant growth, with an expanded portfolio of activities reflecting its strategic commitment to fostering excellence in neurosurgical research across Europe.

The EANS Research Course has been restructured into two complementary modules:

The Clinical Research Course, held for the first time in Hamburg, focused on statistics, AI/machine learning, and multicentre trial design, and attracted the highest number of participants in recent years.

The inaugural Translational & Basic Science Course, hosted in Sicily, featured sessions on neurovascular disease, high-grade gliomas, and spinal cord injury, led by international experts.

The Aesculap Award continues to recognise outstanding early-career researchers. Submissions remain of exceptionally high quality, with many shortlisted works published in top-tier journals (Nature, Lancet, JAMA, NEJM). A new tradition was established: inviting previous award winners to return as faculty, underscoring our commitment to mentorship and academic continuity.

Also, a new webinar series has been launched, including joint events planned with the EANS Individual Members Committee. The Committee's presence on X and Instagram has grown rapidly, enhancing visibility and engagement with the wider neurosurgical community.

At EANS2024 in Sofia, the Committee hosted a parallel session on AI and registry-based research, as well as a mini research course on systematic reviews, meta-analyses, and preclinical drug screening. These sessions were also broadcast live via Instagram, reaching a broad audience.

Looking ahead to EANS2025 in Vienna, we are planning two special seminars on AI/machine learning and a Research Parallel Session dedicated to scientific publishing, with contributions from editors and reviewers of leading journals.

The Committee remains active in evaluating EANS Research Fund applications. The Chair continues to represent EANS on the Board of the European Brain Council, contributing to strategic discussions on brain research policy in Europe.

The EANS Research Committee has never been more engaged. Through enhanced educational programmes, high-impact awards, expanded digital outreach, and policy representation, we are building a vibrant and future-oriented research platform within European neurosurgery.



Katrin Rabiei

2023-2025 Research Committee Chair



Training Committee

During the period 2024 and 2025, the Committee organised the following six Courses:

2024	Course Title	City, Country	Participants
January 28-31	EANS Training Course - Tumour	Edinburgh, UK	224
May 19-22	EANS Training Course - Vascular	Copenhagen, Denmark	230
September 1-5	EANS Training Course - Spine	Prague, Czech Republic	229

2025	Course Title	City, Country	Participants
January 26-29	EANS Training Course - Functional & Trauma	Helsinki, Finland	227
May 11-15	EANS Training Course - Spine	Krakow, Poland	232
Aug 31 - Sep 3	EANS Training Course - Vascular	Bratislava, Slovakia	227

The Training Committee benefits from strong representation across national member societies, with each society appointing one national delegate. The committee's core responsibility continues to be the organisation of the EANS Training Courses.

Each course has been attended by approximately 220 to 232 trainees and 35 to 47 faculty members. Course evaluations provided by participants have been overwhelmingly positive.

Over the past year, several new concepts have been introduced into the structure of the training courses. These include an increased emphasis on interactive teaching rather than traditional plenary lectures, the use of pre-recorded lectures as pre-course material, integration of the Slido app for interactive Q&A sessions during plenary lectures, and mentoring discussions between faculty and trainees. These innovations will continue to be implemented in upcoming courses.

The Training Committee also organised a parallel session titled "Future Technologies in Neurosurgical Teaching" during the EANS2024 Congress in Sofia. The session was well received, and a follow-up session titled "Future of Neurosurgical Training" is planned for the EANS2025 Congress in Vienna.

Furthermore, the EANS and AANS maintain a resident exchange programme, which continued successfully in 2024 and 2025. Six trainees from the United States had the opportunity to attend EANS training courses (two per course). In return, six EANS residents participated in AANS resident courses in the United States. In April 2024, 36 applications were received from EANS residents (all of whom were individual members), and six were selected based on the quality of their application and curriculum vitae.



Martin Lehecka

2023-2025 Training Committee Chair

Young Neurosurgeons' Committee



During the last year, the YNC worked to increase the number of young colleagues engaged in EANS activities by promoting further education and training opportunities, especially through the EANS Young Neurosurgeons Network. A bi-monthly newsletter was distributed to all YNN members, advertising different opportunities, ranging from participation in YNC webinars to the possibility of applying for the YNS Research Cooperative Projects and the Mentor Programme. Moreover, official YNN accounts were created on the most popular social media platforms to further disseminate and advertise YNC activities, thus allowing young members to learn about and join them.

In particular, the Committee organised four webinars focused on neurosurgical “hot” topics that could be of particular interest to young EANS members, including decompressive craniectomy and cranioplasty, dural closure, and brain and spinal tumours. During those webinars, young participants were engaged in discussions with experts debating the most controversial aspects of each webinar’s topic.

Two important educational activities were also organised during 2024. The first was the 13th Annual EANS Young Neurosurgeons’ Meeting in Hamburg, Germany, which was dedicated to spine oncology and minimally invasive surgery. It consisted of two pre-meeting hands-on workshops on spine endoscopy and spine decompression, followed by oral sessions from senior EANS experts. Moreover, for the first time ever, a call for abstracts was launched to allow young participants to present their own scientific work during the meeting. This resulted in 77 submitted abstracts, 5 of which were presented as oral presentations and 4 as videos during a dedicated YNN session, and 15 as oral e-posters. Collectively, 140 participants from 23 countries joined the meeting.

The second was the 3rd World Young Neurosurgeons Congress, organised in cooperation with the YNS of the ACNS, which took place in Sofia, Bulgaria, in parallel with the EANS Annual Congress. The WYN Congress consisted of 7 pre-congress hands-on workshops and oral sessions encompassing all neurosurgical subspecialties. Moreover, the call for abstracts resulted in a total of 159 submissions: 16 were selected as oral presentations, 4 as videos, and 61 as oral e-posters. A total of 207 participants joined the Congress, coming from 53 countries representing all continents.

The YNC also distributed two surveys investigating training opportunities for young EANS members, focusing on the availability of neurosurgical fellowships and training in endoscopic endonasal surgery across different EANS countries. This also resulted in the publication of several editorials in *Brain and Spine*, advocating for the promotion of more homogeneous practical training opportunities across countries.

Finally, aiming to help young neurosurgeons at the beginning of their careers, the EANS YNC began working on guidelines for performing basic surgical procedures. This initiative led to the first YNC guidelines on EVD placement, which will soon be available to all young EANS members.

In conclusion, during the period 2024-2025 the YNC worked hard to engage as many young EANS members as possible. We will continue to promote attractive theoretical and practical educational activities and expect growing participation from young neurosurgeons in the years to come.



Giovanni Raffa

2023-2025 Young Neurosurgeons’ Committee Chair



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EANS

Annual Report 2024-2025

Task Forces



EANS ACADEMY



EANS
Foundation



THE EUROPEAN ASSOCIATION
OF NEUROSURGICAL SOCIETIES



EANS2024
Sofia



EANS2025
Vienna



Academy Task Force

Over the past year, the EANS Academy has continued to evolve as a central educational hub for the European neurosurgical community. Significant efforts have been made to organise, manage, and enhance the usability of our extensive repository of educational material, which includes recorded lectures and webinars, annual EANS and Section Meeting abstracts, and more.

Despite these advancements, several challenges have become increasingly apparent.

The sheer volume of stored educational material has reached a critical mass, making proper classification both urgent and challenging. This classification is essential to ensure effective searchability and ease of access for our members. Furthermore, given the highly technical nature of the content, accurate categorisation requires the involvement of neurosurgeons.

Despite these difficulties, the Academy has the potential to become a globally recognised digital repository and educational platform for neurosurgeons.

By addressing current structural issues, we can transform the Academy into a prestigious, easily accessible, and user-friendly vault of neurosurgical knowledge for both European and international users.



Kostas Fountas

2023-2025 Academy Task Force Chair

Emerging Technologies & Innovations in Neurosurgery Task Force



In the past year the ETIN Task Force performed 4 webinars including a webinar on the academic and clinical implications of large language models: plagiarism, text generation and data extraction, a webinar on customised implants in spinal surgery, a webinar on advances in spinal navigation: augmented reality and optical methods and a webinar on cooperative robotics: technical advances, concepts and ethical considerations.

The Task Force continued its work within the Health Technology Assessment (HTA) Stakeholder Network of the European Commission, giving input for the evolution of regulations for HTA, joint scientific consultations, joint clinical assessments, and the protection of commercially sensitive data and personal data in joint work.

In May, the second scientific meeting “Spine and Friends” was held in Geneva, with the support of ETIN TF. The Meeting’s scientific directors were Claudio Schonauer and Enrico Tessitore.

The EANS2024 Sofia Congress was conducted under the motto “Innovation, Education, Leadership.” Despite the fact the TF didn’t have an especially dedicated session, ETIN topics dominated the newly established format - keynote speakers’ sessions.

Dr. Roelfsema presented his work on developing a visual brain prosthesis to restore a rudimentary form of vision for the blind.

Dr Jocelyne Bloch provided astonishing information regarding the possibilities and innovations in implantable technologies for the treatment of paralysis following spinal cord injury.

Prof. Martin Vechev founder and scientific director of the Institute for Computer Science, Artificial Intelligence and Technology (INSAIT), located in Sofia, presented the advancements in artificial intelligence, including building next-generation safe and secure AI systems, foundational models, and their application in medicine. Raycho Raychev, Founder & CEO of EnduroSat talked about the impact of new technologies on human life, focusing on accessibility to space in the contemporary and future world.

During 2024, Dr. Alessandro Boaro, with the support of the ETIN TF, conducted a global survey on knowledge, interest and perspectives on artificial intelligence in Neurosurgery. The study was published in Brain and Spine, marking the first article officially supported by the ETIN Task Force.



Nikolay Gabrovsky

Emerging Technologies & Innovations in Neurosurgery Task Force Chair



Geriatric Neurosurgery Task Force

The EANS Geriatric Neurosurgery (GENEUS) Task Force was launched in 2023 as a clinician-led response to the demographic and clinical transformation reshaping neurosurgical practice in Europe, where adults aged 60+ now comprise nearly half of neurosurgical inpatients. This shift calls for age-adapted strategies to address frailty, multimorbidity, cognitive impairment, and underrecognised conditions like idiopathic Normal Pressure Hydrocephalus (iNPH).

Rooted in the EU-funded GENEUS project (FEDER SUDOE programme), the Task Force represents an unprecedented alignment of grassroots clinical leadership and institutional legitimacy within EANS. It is the first Task Force supported by EU structural funds, co-developed by multidisciplinary professionals across borders, and dedicated to designing scalable care tools for older adults.

In 2024-2025, the Task Force focused on three pillars: (1) territorial mapping of geriatric neurosurgical realities; (2) engagement with clinical and paramedical stakeholders; and (3) creation of the EANS GENEUS Toolbox—a modular suite for frailty screening, perioperative optimisation, and rehabilitation. These efforts culminated in the submission of a €2.04M EU grant proposal, formal Task Force recognition by EANS, and key partnerships with the European Union Geriatric Medicine Society (EUGMS).

In February 2024, the initiative achieved formal constitution, followed by a public announcement in March—an important milestone that solidified its organisational legitimacy. A robust consortium was also established, bringing together leading experts from France, Spain, Portugal, Switzerland, Norway, and Belgium.

A major step toward long-term sustainability was the submission of a €2.04 million funding proposal to the FEDER SUDOE programme (Call S2/4.5/F0254), marking a critical effort to secure the financial resources necessary for implementation.

In parallel, strategic partnerships were forged with the European Union of Geriatric Medicine Society (EUGMS) and several national neurosurgical societies.

Building on the momentum of recent achievements, the initiative has set ambitious goals for 2025, focusing on implementation, evaluation, and continued development on geriatric neurosurgery.



Eric Schmidt

Geriatric Neurosurgery Task Force Chair



Guidelines Development Task Force

The EANS Guidelines Development Task Force (the EANS Guidelines Development Project) was formed at the end of 2021 by the then EANS President Andreas Demetriades.

The aims of this long-term project continue to centre around the building of expertise in the development of a robust and unified methodology for EANS led guidelines in the neurosurgery space. The scope of the Task Force includes the promotion and governance of the guidelines development process from all EANS Sections, Committees and Taskforces; and to promote collaboration between EANS and other professional associations and organisations.

To achieve and maintain standards, we have continued our partnership with the expert group from McMaster University, Canada, led by Professor Gordon Guyatt, whose guidance is gratefully acknowledged.

Within 2024 we were able to see to fruition a growing number of projects, including work both from within and across the Sections, as well as collaboration with other professional organisations:

Sections for Spine, and, Trauma, with WSES: Early management of adult traumatic spinal cord injury in patients with polytrauma: a consensus and clinical recommendations jointly developed by the World Society of Emergency Surgery (WSES) & the European Association of Neurosurgical Societies (EANS). *World J Emerg Surg.* 2024 Jan 18;19(1):4. doi: 10.1186/s13017-023-00525-4. PMID: 38238783; PMCID: PMC10795357.

Section for Trauma, with eight other organisations: Multidisciplinary consensus-based statement on the current role of middle meningeal artery embolization (MMAE) in chronic SubDural hematoma (cSDH). *Brain Spine.* 2024 Nov 19;4:104143. doi: 10.1016/j.bas.2024.104143. PMID: 39717364; PMCID: PMC11664065.

Section of Spinal Neurosurgery: Diagnosis and management of de novo non-specific spinal infections: European Association of Neurosurgical Societies (EANS) Spine Section Delphi consensus recommendations. *Brain Spine.* 2024 Dec 31;5:104178. doi: 10.1016/j.bas.2024.104178. PMID: 39866360; PMCID: PMC11763570.

Section for Functional Neurosurgery: Functional hemispheric disconnection procedures for chronic epilepsy: history, indications, techniques, complications and current practice in Europe. A consensus statement on behalf of the EANS functional neurosurgery section. *Brain Spine.* 2024 Jan 28;4:102754. doi: 10.1016/j.bas.2024.102754. PMID: 38510638; PMCID: PMC10951757.

Vascular Section with ESO: European Stroke Organisation (ESO) and European Association of Neurosurgical Societies (EANS) guideline on stroke due to spontaneous intracerebral haemorrhage- [presented at the EANS2024 Congress in Sofia] *Eur Stroke J.* 2025 May 22;23969873251340815. doi: 10.1177/23969873251340815. Epub ahead of print. PMID: 40401775; PMCID: PMC12098356.

In addition to those already published, there are a number of projects which have completed their work and whose publication will follow.

Joint EANS/EANO Guidelines: Role of the extent of resection in glioma surgery

Joint AOSpine/EANS/Eurospine Guideline: Thromboprophylaxis in Lumbar Spine Fusion

EANS Section for Trauma and Neurocritical Care: TBI in elderly: consensus project Anticoagulation restart following TBI (excluding CSDH)

Young Neurosurgeons Committee: EANS Guidelines for External Ventricular Drainage (EVD)

Section for Paediatric Neurosurgery: Transition of care for patients with a paediatric disease into adulthood

Global and Humanitarian Committee: Recommendations for Collaborations between European Neurosurgical Departments and Institutions in low-resources settings. Resourced based stratified consensus guidelines for spinal trauma and spinal cord injury.



There is indeed other ongoing work on several projects by several Sections, and we look forward to updating you on those in the future.

If anyone is interested in exploring a new guideline development, please get in touch.

Andreas Demetriades

Guidelines Development Task Force Chair



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EANS Membership



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EANS2024
Sofia



EANS2025
Vienna



Our Community

EANS Individual Membership lays at the heart of the EANS Community. In 2021 its membership types were re-formatted, increasing the membership benefits and creating even more value in individual membership.

Trainees	1102
Full Neurosurgeon.....	946
World Bank Low & Lower Middle Income Countries	240
International Neurosurgeons.....	147
Medical Students	120
International Trainees.....	63
Neurosurgery Related Professionals.....	35
International Medical Students	30
Lifetime Senior	23
Honorary or EANS past Presidents	9
Community Admin	2
TOTAL:.....	2717



All Active Members

Germany.....	442	Netherlands.....	77	Sweden.....	29
Italy.....	216	Spain.....	76	United States.....	29
United Kingdom.....	167	Romania.....	65	Hungary.....	28
Switzerland.....	152	Ukraine.....	58	Czech Republic.....	27
Turkey.....	127	India.....	57	Serbia.....	24
N/S.....	111	Portugal.....	55	Ireland.....	23
Austria.....	99	France.....	51	Saudi Arabia.....	21
Belgium.....	82	Pakistan.....	37	Denmark.....	20
Poland.....	81	Bulgaria.....	35	Egypt.....	20
Greece.....	78	Finland.....	35	Croatia.....	18

All Active Members

Mexico	18	Qatar	4	Aruba	1
Norway	17	Chile	3	Bahrain	1
Israel	16	China	3	Brunei	1
Slovak Republic.....	15	Colombia	3	Côte d'Ivoire	1
Bangladesh	13	Ghana.....	3	Cambodia.....	1
Latvia	13	Hong Kong.....	3	Cameroon	1
Russia	12	Indonesia.....	3	D.R. Congo	1
Georgia	11	Jamaica.....	3	Curaçao.....	1
United Arab Emirates.....	11	Japan.....	3	Ecuador.....	1
Brazil	10	Kosovo	3	England	1
Jordan	10	Lebanon	3	Ethiopia	1
Australia	9	Nigeria	3	Guatemala.....	1
Lithuania	9	Slovenia	3	Hong Kong (China)	1
Singapore.....	9	South Africa	3	Kenya	1
Canada.....	8	Sri Lanka	3	Maldives	1
Morocco.....	8	Tunisia.....	3	Myanmar	1
Azerbaijan	7	UK	3	Northern Ireland.....	1
Estonia	7	Costa Rica.....	2	Oman	1
Argentina	6	Iraq	2	Palestinian Territory.....	1
Belarus	6	South Korea	2	Panama.....	1
Cyprus	6	Kuwait.....	2	Philippines	1
Luxembourg	6	Libya.....	2	Sudan	1
Malta	6	Macedonia	2	Syria.....	1
Moldova	6	Montenegro.....	2	Taiwan.....	1
Nepal.....	6	New Zealand.....	2	The Netherlands	1
North Macedonia.....	6	Peru	2	Trinidad and Tobago	1
Albania	4	Taiwan (China).....	2	Uruguay.....	1
Armenia	4	Thailand.....	2	Yemen	1
Bosnia and Herzegovina	4	Uzbekistan	2	Total	2717
Kazakhstan	4	Afghanistan	1		
Malaysia.....	4	Algeria	1		

Registered in 2024: 776

Registered in 2025 (until Sept): 512

Brain & Spine Journal



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EANS

Annual Report 2024-2025

BRAIN & SPINE Journal



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EANS2024
Sofia



EANS2025
Vienna

Brain & Spine: A Year of Growth, Recognition & Strategic Vision

**BRAIN
& SPINE**



Since its foundation, Brain & Spine has undergone significant evolution, reflecting both scientific excellence and increasing international recognition. The editorial team, consisting of global experts, has overseen the journal's indexing in prestigious databases like PubMed Central, Scopus, and the Web of Science.

As the official journal of EANS and EUROSPINE, Brain & Spine continued to establish itself as a credible and inclusive platform for multidisciplinary research, innovation, and debate in the fields of neurosurgery and spine care. One of the most notable milestones of this period was the journal's growing visibility, marked by a sustained rise in article submissions and readership metrics.

The period from January 2024 to September 2025 marked a transformative era for Brain and Spine (BAS), igniting our journey to become a leading voice in neurosurgery and spine surgery. In those months, we witnessed a huge growth in the support from the global research community, a testament to the increasing trust in our editorial vision.

This surge in interest is not just a feeling—it's in the numbers.

Submissions reached 849 articles, a staggering leap of nearly 34% from the 634 received in the preceding fifteen months. More importantly, this allowed our dedicated editorial team to select 403 truly groundbreaking articles for publication, ensuring that with growing quantity came even greater quality.

This wave of high-impact research created powerful ripples across the field, with readership and engagement soaring past 790,000 reads and downloads on our ScienceDirect page. Our work is not just being published; it's being read, debated, and integrated into clinical practice. These milestones are a direct reflection of our exceptional editorial team's ability to attract and curate research that truly matters and they led our journal to its first landmark achievements: the Impact Factor of 1.9, awarded in June 2024 and the Impact Factor of 2.5, awarded in June 2025.

Of course, the numbers are only part of the story. The true validation came even before the number was calculated; earning an Impact Factor requires passing Clarivate's rigorous selection process—a multi-faceted evaluation of a journal's influence, timeliness, and editorial standards. Simply being chosen for inclusion is an unambiguous signal that Brain and Spine has established itself as a trusted, high-quality destination for impactful research in our field. The increase in rating is an additional measure of the exceptional impact our journal had on its readership and the community.

We invite you to submit your paper to the Brain & Spine journal. **Members can submit their papers with a discount of 50% on the APC fees** - waiver applies only to corresponding authors. For current special topic issues, a 100% waiver is available, with additional waivers for outstanding research at the discretion of the editors-in-chief.

A Reviewer of the Year Award was established in 2022 because we strongly believe that reviewers are of extreme importance to a high-class scientific journal.

The Reviewer of the Year 2024:

EANS:

Maria Luisa Gandia Gonzalez

The Best Paper Award of the Year 2024:

EANS:

Iaccarino C., Chibbaro S., Sauvigny T., Timofeev I., Zaed I., Franchetti S., Mee H., Belli A., Buki A., De Bonis P., Demetriades A., Depreitere B., Fountas K., Ganau M., Germano A., Hutchinson P., Koliaas A., Lindner D., Lippa L., Marklund N., McMahon C., Mielke D., Nasi D., Peul W., Poca M.A., Pompucci A., Posti J.P., Serban N.L., Splavski B., Florian I.S., Tasiou A., Zona G., Servadei F.

Consensus-based recommendations for diagnosis and surgical management of cranioplasty and post-traumatic hydrocephalus from a European panel.





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Annual Report 2024-2025

EANS Foundation



EANS Foundation: Strengthening the Future of Neurosurgery



***Fundraising is the noble art of teaching people
the pleasure of giving" (Henry Rosso)***

Dedicated to supporting research, education, and humanitarian work in neurosurgery, the EANS Foundation has made significant strides over the last couple of years. The foundation's primary focus since its beginning has been the strengthening of the financial base through increased donor engagement.

A major milestone was the co-organisation of the World Head Injury Awareness Day (WHIAD) (March 2024, Geneva), hosted in Europe for the first time, in partnership with the University of Geneva and others. Essential legal procedures were also initiated to enable international donations, and the Foundation began outreach to like-minded foundations for collaborative support. One notable achievement was the successful completion of a project on the geospatial distribution of traumatic brain injury, conducted under the EANS Foundation's guidance and with external support.

One key achievement was the EANS Foundation Gala (March 2025, Geneva), which featured a rich cultural programme and charity auction. The event welcomed 229 distinguished guests and world-renowned musicians, raising over €450,000 in support of the foundation's mission. The donor engagement efforts continue to grow and yield meaningful support.

At the same time, a unique fundraising initiative was launched, in partnership with Watch Air'N: the THEIA II dual-band GPS smartwatch. Designed to support well-being and adventure, these exclusive timepieces feature the EANS Foundation logo and are available through the foundation's website, with proceeds that fund the foundation's initiatives.

To enhance visibility and outreach, the foundation is partnering with a digital media team to establish a strong presence across platforms like LinkedIn and Instagram, making the foundation more accessible to researchers, donors, and the public.

One of the most meaningful new projects is the Catherine Wurster Scholarship ("Nini's Scholarship"), established by her family in her memory. This €20,000 annual grant supports young neurosurgeons in training, research, or humanitarian work, while promoting awareness of traumatic brain injury. Recipients are selected by the EANS Scientific Council in collaboration with the donor family.

The flagship initiative is the development of a European registry for traumatic brain injury (TBI), in partnership with the EANS Trauma Section. This electronic database will collect and analyse TBI data across Europe. Project and budget planning are underway, and a significant portion of our resources will support this effort.

The EANS Foundation also contributed to the organisation of WHIAD 2025 and will host the event annually, demonstrating its ongoing commitment to public education and the advancement of care in the field of traumatic brain injury.

In May 2025, the EANS Foundation supported the first EANS-organised educational course in Tanzania, providing both financial and administrative assistance. It also established partnerships with industry stakeholders and signed Memoranda of Understanding (MOUs) to ensure that EANS-affiliated neurosurgeons participating in humanitarian missions have access to top-quality equipment.

The EANS Foundation remains deeply committed to advancing neurosurgical science, education, and humanitarian outreach throughout Europe and beyond.

More info: www.eansfoundation.org



Karl Schaller

EANS Foundation President



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Our Projects



EANS ACADEMY



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EANS2024
Sofia



EANS2025
Vienna

The Congress

EANS2024 Sofia Congress: A remarkable showcase of the present and the future of European neurosurgery



EANS2024 Sofia Congress A Milestone in European Neurosurgery

The EANS2024 Annual Congress in Sofia has been nothing short of extraordinary—a powerful testament to the innovation, education, and leadership that define our remarkable neurosurgical community.

A Remarkable Congress

Held at the magnificent National Palace of Culture, in Sofia, Bulgaria, the congress brought together **1,859 participants** from

89 countries, creating an unprecedented platform for scientific exchange and professional growth. With **373 lectures, 235 oral presentations, 454 oral e-posters, and 277 e-posters**, the congress showcased the breadth and depth of European neurosurgery.

Innovative Perspectives

In a technologically driven and atmospheric setting, at the Congress opening ceremony, we got to experience Bulgarian history and art at its absolute best; Different kinds of dances and performances showcasing Bulgaria's traditions, music and culture, took us to an amazing trip to the past, present and future of the EANS2024 Congress host country. Following the exceptional Opening Ceremony led by the Congress President **Prof. Dr. Nikolay Gabrovsky**, and the EANS President **Prof. Dr. Torstein R. Meling**, the participants enjoyed 5 days of intensive scientific exchange.

Our carefully selected keynote speakers were met with exceptional enthusiasm, truly resonating with our community and bringing fresh insights to our congress. **Prof. Roelfsema** of the Netherlands Institute of Neuroscience presented groundbreaking work on developing a visual brain prosthesis to restore rudimentary vision for the blind.

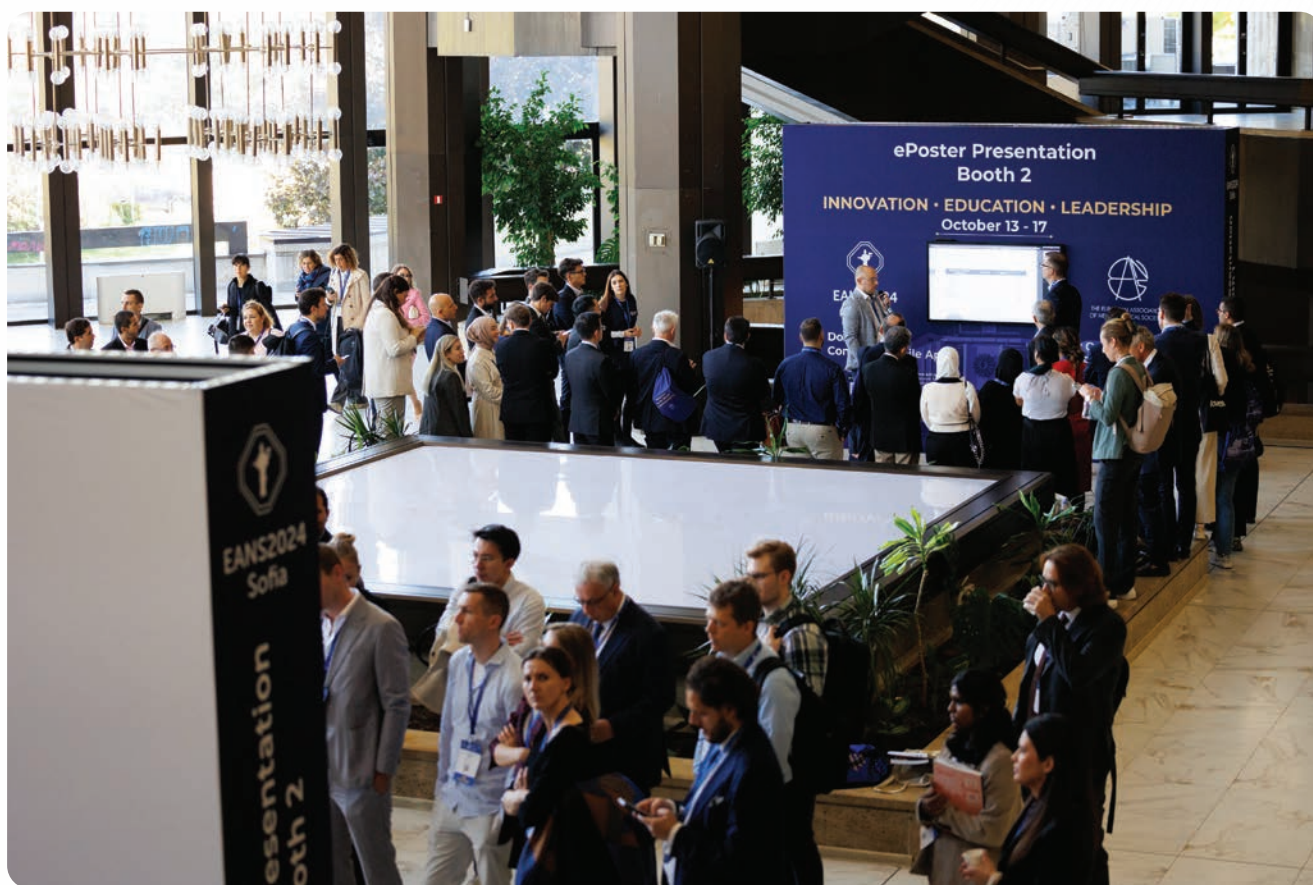
Prof. Jocelyne Bloch's innovative approaches to spinal cord paralysis treatment offered hope and groundbreaking methodologies that sparked intense professional interest. The interdisciplinary approach continued with insights from AI expert Martin Vechev, who provided cutting-edge perspectives on technological integration in neurosurgery, and strategic insights from EnduroSat CEO **Raycho Raychev**, who challenged us to think beyond traditional boundaries.

Moreover, participants had the opportunity to attend three more remarkable keynote speeches. **Iliana**



Ivanova, the European Commissioner-designate for Innovation, Research, Culture, Education, and Youth, provided an overview of EU policy in these areas and discussed its future direction. Martin Vechev, a Professor of Computer Science at ETH Zurich, presented recent advancements and emerging trends in artificial intelligence, including its applications in medicine. Lastly, **Raycho Raychev**, the Founder and CEO of EnduroSat, spoke about the impact of new technologies on human life, emphasising accessibility to space in both the present and future.

The diversity and caliber of these speakers demonstrated the EANS commitment to pushing the boundaries of neurosurgical knowledge, bridging multiple disciplines, and exploring pioneering frontiers of medical science.



Scientific Excellence

We are immensely proud of European neurosurgery and the talent of our neurosurgeons. With a diverse range of scientific sessions, masterclasses, and interactive discussions, EANS2024 has firmly established itself as the premier event in the global neurosurgical calendar.

Led by **Prof. Dr. Michaël Bruneau**, EANS Board Member, Scientific Liaison, this year's congress scientific programme distinguished itself through an unprecedented scientific level. The programme represented the pinnacle of contemporary European neurosurgical research, with each presentation, from basic science to clinical applications, reflecting a remarkable depth of knowledge and a commitment to advancing our field.

Celebrating Neurosurgical Excellence



We also took immense pride in recognising outstanding contributions with several awards, including:

- The European Lecture: **Prof. Niklas Marklund's** traumatic brain injury research
- The EANS Award for Exceptional Service: **Prof. Pierre-Hugues Roche**
- The Lifetime Achievement Award: **Prof. Jacques Brotchi**
- The EANS Award for Global and Humanitarian Neurosurgery: **Hans-Peter Richter**
- The Braakman Prize: **Lauren Harris** for exceptional FEBNS examination performance

For the first time, EANS celebrated the Fellow of the European Board of Neurological Surgery (FEBNS) Diploma with a momentous ceremony, marking a significant milestone in its history. This ceremony honored those who had rigorously completed both Part I and Part II of the exams to earn the prestigious FEBNS Diploma, emphasising the importance of standardised neurosurgical training across Europe. By celebrating individual excellence and the achievements of emerging neurosurgical talents, the event underscored EANS' commitment to the highest standards of professional development. This ceremony is set to become a valued tradition, celebrating excellence in neurosurgery and honoring the future leaders of our field.

Beyond the scientific rigour EANS2024 celebrated the unwavering spirit of the EANS community. The camaraderie within EANS has been extraordinary, reflecting its strength and unity, while witnessing young neurosurgeons finding their place within EANS, contributing to its continued growth and future success.

EANS 2024 Annual General Meeting: Expanding Horizons in Neurosurgery

The EANS2024 AGM was successfully held in a fully packed hall on 13 October 2024.

EANS office holders presented their reports with their annual activities and highlighted the desire to create new collaborations with other partner societies, while “keeping and improving the spirit of the EANS”. Marike Broekman, the EANS Treasurer, presented the past year’s financial report, spotlighting the society’s primary focus on educational courses.



The Congress

The EANS family grew significantly, counting **2,614 individual members** in total. Furthermore, we are more than happy to welcome the Maltese Association of Neurologists & Neurosurgeons to the EANS family!

The AGM also voted to give the mandate to the EANS Board to move forward with the very significant project to create a Code of Conduct that will act as the drive and guideline for the protection of the EANS Community Members from any kind of misbehavior or mistreatment.

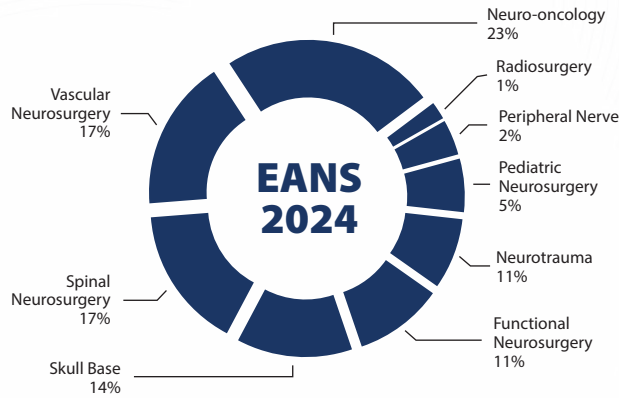
Wilco Peul, the Chief-Editor of **Brain & Spine**, the official journal of EUROSPINE and EANS, presented some intriguing data regarding the recent milestones of the journal. Having achieved an impressive Impact factor of 1,9 just three years after its launch, the journal's success reflects the collaborative efforts and the new possibilities that have opened up for even more growth! In addition, he highlighted the fact that submissions to the Brain & Spine's Special Topic Issue on Spinal Cord Injury Management are open. This is the time to dive into the latest research and explore cutting-edge developments in Machine Learning, Advanced Imaging, Regenerative Medicine, and Biomarkers—curated by leading experts **Michael G. Fehlings**, **Narihito Nagoshi**, and **Peter Vajkoczy**.

Pablo González-López was elected as the new Training Course Chair-Elect, to work alongside Martin Lehecka and continue the excellent development of the EANS Training Courses for the years 2026 and 2027.

Last but not least, the **EANS2024 Annual General Meeting** voted for the 2029 and 2030 destinations of the Annual EANS Congress: **EANS2029 in Istanbul & EANS2030 in Copenhagen!**

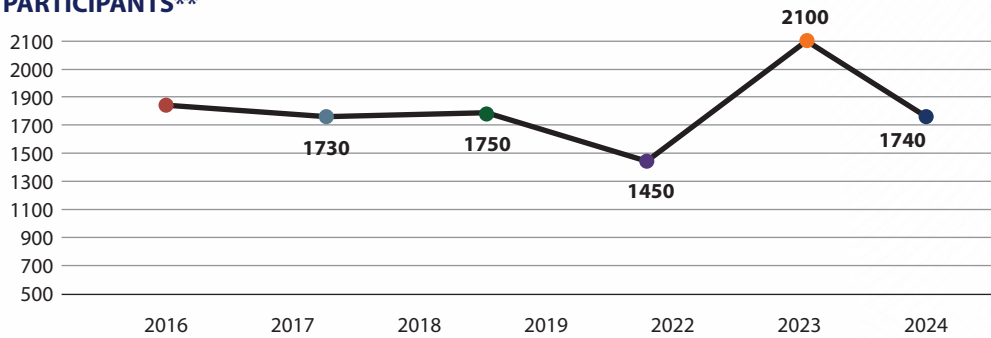


The Congress

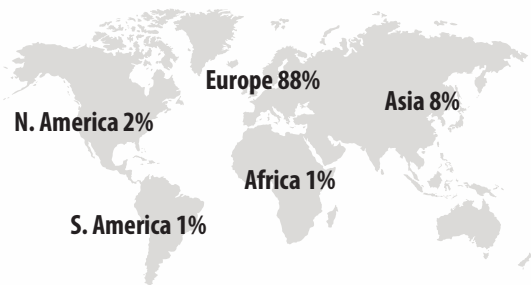


*Excluding exhibitors
**Including exhibitors

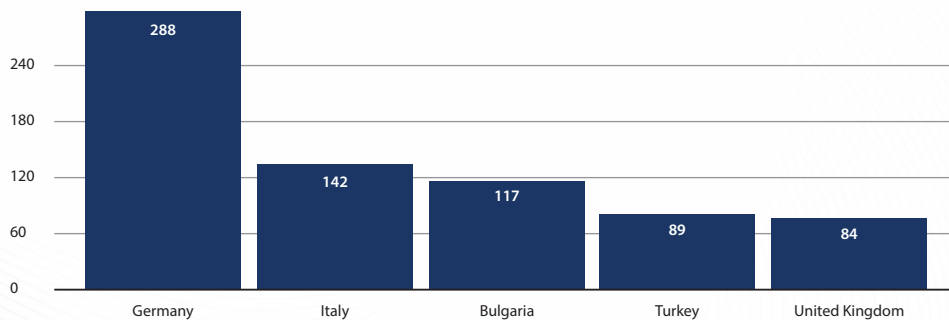
PARTICIPANTS**



Where did the **EANS2024** delegates come from.



Top 5 Countries



We welcome you to the EANS2025 Vienna Congress!



EANS2025 Vienna

Dear Friends and Colleagues,

We would like to welcome you to Vienna for the EANS2025 Annual Congress, taking place from 5-9 October 2025 at Messe Wien Exhibition & Congress Center!

It is our great honor and privilege to be able to host you in Vienna and work together for another unforgettable EANS Congress. The 2025 Congress Theme is **“Embracing Collaboration in Neurosurgery”**, reflecting the current need to provide a platform for our community to foster multinational partnerships towards the betterment of Neurosurgical practice and treatment.

We firmly believe that the EANS2025 Vienna congress is an excellent opportunity for all professionals related to Neurosurgery, to develop new collaborations and strengthen already existing relationships.

We would like to welcome you to discover Vienna, a truly vibrant city with amazing history, gastronomy and culture.



Claudius Thomé
EANS 2025 Congress President



Torstein R. Meling
EANS President



eanscongress.org



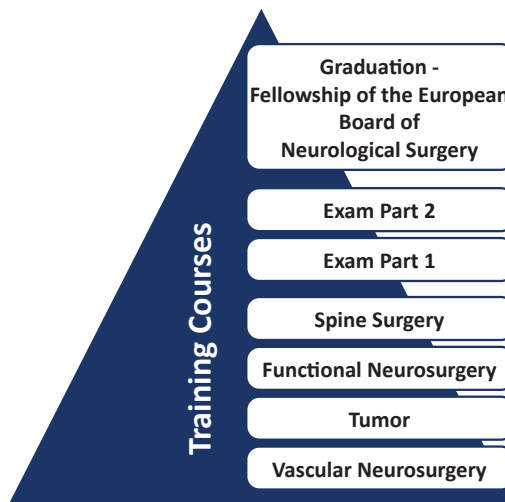
The Congress

Training Courses

The EANS is involved in all aspects of neurosurgical training both at the pre-board certification level and at the special interest training level. We are constantly trying to find new ways to contribute to the improvement of neurosurgical education in Europe and beyond.

The European Training Courses in Neurosurgery, known also as EANS Training Courses, have long been one of the core activities and a major integrative force of the EANS, renowned for their excellence and long tradition. Founded in the 1970s by Professors Brihaye, Pia and Vigoroux, the courses aim to serve the needs of neurosurgical trainees in the latter half of their training in neurosurgery.

The European Training Courses in Neurosurgery Programme is one of the most esteemed specialisation neurosurgical courses globally. They consist of 4 cycles:



Completed by more than 3.000 neurosurgeons until today, the EANS Training Courses are one of the true training highlights of the organisation.

2024	Course Title	City, Country	Participants
January 28-31	EANS Training Course - Tumour	Edinburgh, UK	224
May 19-22	EANS Training Course - Vascular	Copenhagen, Denmark	230
September 1-5	EANS Training Course - Spine	Prague, Czech Republic	229

2025	Course Title	City, Country	Participants
January 26-29	EANS Training Course - Functional & Trauma	Helsinki, Finland	227
May 11-15	EANS Training Course - Spine	Krakow, Poland	232
Aug 31 - Sep 3	EANS Training Course - Vascular	Bratislava, Slovakia	227



During the period of 2024 and 2025, three Training Courses were organised each year:

EANS Training Courses 2024-2025

Participants/ Country	Edinburgh Tumour	Copenhagen Vascular	Prague Spine	Helsinki Head Injury	Krakow Spine	Bratislava Vascular
Albania		1	1		1	1
Austria	11	12	10	7	10	10
Belgium	9	11	12	8	8	7
Bosnia		1	2		1	1
Bulgaria	2	2	1	3	2	2
Croatia	3	7	4	3	3	4
Cyprus	1		2	1	1	1
Czech Republic	5	7	8	3	5	5
Denmark	3	2	2	1	2	3
Egypt						
Estonia	1	1		2	2	
Finland	1	13	9	4	5	10
France	7	5	3	7	6	3
Georgia			2	3	1	3
Germany	53	33	38	41	30	31
Greece	3	3	4	4	3	3
Hungary	5	5	2	7	6	6
Ireland		1			1	
Israel	5	5	5	5	7	7
Italy	13	11	18	14	17	20
Latvia	1	2	1	1	2	2
Lithuania	5	4	1	5	4	3
Luxembourg						
Montenegro	1	1	1			
Netherlands	9	9	6	12	12	9
Nigeria						
Norway		1		1	1	
Poland	5	9	8	9	10	8
Portugal	6	12	5	6	13	5
Qatar						
Romania	2	4	5	4	4	4
Russia	1					1
Saudi Arabia						
Serbia	2	2		1	4	1
Slovakia	5	3	7	4	2	8
Slovenia	1	2	2	3	3	4
South Africa						
South Korea						
Spain	15	8	20	24	13	17
Sweden	6	10	6	6	8	5
Switzerland	18	16	18	13	17	16
Turkey	8	8	9	9	11	11
Ukraine	2		3	3	1	3
UK	13	17	12	11	13	11
USA	2	2	2	2	2	2
TOTAL	224	230	229	227	232	227

Exams

Fellow of the European Board of Neurological Surgery (FEBNS)

The European Board Examination in Neurological Surgery consists of two parts: Part I (electronic multiple-choice questions) and Part II (oral examination).

Oral assessments following the completion of the EANS training course were first introduced in 1983 (Ljubljana). The concern for a more formal approach to an examination led in 1992 to the creation of the Joint EANS/UEMS Examination Committee and the introduction of the European Examination in Neurosurgery.

Candidates who successfully passed both parts I and II of this examination received the European Diploma in Neurosurgery.

In October 2015 the EANS and UEMS Section of Neurosurgery decided to form the European Board of Neurological Surgery (EBNS) and transform the existing exam into the European Board Examination in Neurological Surgery to further increase its importance and general recognition. One of the key functions of the EANS is to oversee the European Board of Neurological Surgery (EBNS). The EBNS is responsible for Part I (written) and Part II (oral) of the European Board Examination in Neurological Surgery. Candidates who pass both parts are appointed as Fellows of the European Board of Neurological Surgery (FEBNS). The FEBNS is a highly respected and recognised qualification that demonstrates a neurosurgeon's knowledge and skills in the field.

Each year, in 2024 and 2025, three Part I Exams and one Part II Exam were held:

Exam Part I	No of Candidates	Passed	Pass Rate	Pass Mark	Best Candidate	Best Candidate Rate
Edinburgh 2024 - January	97	60	61,9%	58,776%	Sergio Sousa	82,00%
Copenhagen 2024- May	92	48	52,2%	58,096%	Vincen Joris	81,00%
Prague 2024 - August	93	52	55,9%	60,74%	Ismail Zaed	91,10%
Helsinki 2025 - January	94	55	58,5%	61,18%	Ines Silva	88,00%
Krakow 2025 - May	96	65	67,7%	58,26%	Tomasz Klepinowski	88,12%
Bratislava 2025 - August	86	46	53,5%	58,26%	Kristina Catalano	81,00%

Exam Part II	No of Candidates	Passed	Pass Rate	Pass Mark	Best Candidate
2024	80	62	77,5%	80/120	Lauren Harris
2025	87	66	75,9%	80/120	Saba Raza-Knight

Participants/ Country	2024				2025			
	Exam part I Edinburgh	Exam part I Copenhagen	Exam part I Prague	Exam Part II Barcelona	Exam part I Helsinki	Exam part I Krakow	Exam part I Bratislava	Exam Part II Barcelona
Albania							1	1
Austria	6	5	1	2	2	1	4	2
Australia								
Bahrain			1		1			
Belarus								
Belgium	4	4	1		1	1	1	
Bosnia			1				1	
Bulgaria	1			2	1	1		
Canada								
Croatia					1	1	1	2
Czech Republic	4	4	3	1	1	1	2	1
Cyprus			1					
Denmark		1	1		1	1		
Egypt						1		1
Estonia		1						1
Finland		6	4		5		2	
France	1	2	1	4	4	3	2	1
Georgia						1		
Germany	28	10	13	20	23	18	17	20
Greece	2	2	2	2		2	1	1
Hungary	3	6	8	1	6	4	7	
India			1	1			1	
Iran								
Iraq		1						1
Ireland		3	1	2	1			2
Israel	2	1	1		2	5	3	
Italy	2	4	8	2	5	1	6	4
Japan								1
Jordan				3				
Kuwait				2			1	
Latvia						1	1	
Lebanon								
Libya			1	1			2	2
Lithuania	1	2	1		1	2	1	1
Luxembourg				1				
Malta				1				
Montenegro		1	1					
Nepal				1				1

Participants/ Country	2024				2025			
	Exam part I Edinburgh	Exam part I Copenhagen	Exam part I Prague	Exam Part II Barcelona	Exam part I Helsinki	Exam part I Krakow	Exam part I Bratislava	Exam Part II Barcelona
Netherlands		2	1		5	4	4	
Nigeria	1			1				
Norway		1						
Oman		1		1				1
Pakistan	1				1			
Poland	1	3	1	1	4	10		2
Portugal	3	1	1	1	2	9	1	1
Qatar						1		
Romania	1	2	1		2	2	2	
Russia				2			1	1
Saudi Arabia			2	1	2		1	1
Serbia	1					2		2
Singapore			1					
Slovenia		1				1	2	1
Slovakia	1	1		1	2		4	
South Africa								1
Spain	5	2	6	6	6	3	4	8
Sweden	3	5	2	1		1	1	
Switzerland	8	6	11	6	4	6	4	8
Tonga								
Turkey	3	5	6	1	1	5	3	1
Ukraine			1				1	1
UK	11	9	9	8	10	8	4	15
USA	1			3				2
Zambia				1				
TOTAL	94	92	93	80	94	96	86	87

Specialised and Hands-On Courses

Founded in 2012 the EANS Hands-on Courses have become a stable part of the EANS' training activities allowing participants to get to grips with neurosurgical equipment and techniques. These are aimed specifically at participants in the third year of the EANS Training Course cycle, but others are also very welcome to apply. The CME Accredited Courses allow participants to sharpen their neurosurgical knowledge, discuss and debate with their peers, and at the same time collect CME points.

Specialised Courses

2024	Course Title	City, Country	Participants
April 19	EANS Research Course	Hamburg, Germany	35
April 19-21	13th Annual EANS Young Neurosurgeons' Meeting	Hamburg, Germany	105
September 5-6	11th Annual EANS Vascular Section Meeting	Marseille, France	91
November 17-19	EANS Advanced Course in Spinal Surgery Part I	Leuven, Belgium	35
October 13	EANS Peripheral Nerve Surgery Pre-Congress Course	Sofia, Bulgaria	61
November 23	World Radiosurgery Day Symposium	Istanbul, Turkey	75
2025	Course Title	City, Country	Participants
May 3	EANS Research Course	Catania, Italy	51
May 3-5	14th Annual EANS Young Neurosurgeons' Meeting	Catania, Italy	142
September 4-5	12th Annual EANS Vascular Section Meeting	Marseille	83

Young Neurosurgeons' Congress

2024	Course Title	City, Country	Participants
October 12-14	The 3rd World Young Neurosurgeons' Congress	Sofia, Bulgaria	207

Hands-On Courses

2024	Course Title	City, Country	Participants
March 27 & April 3/April 8-9	EANS Boot Camp for Vascular & Endovascular Neurosurgery	Milan, Italy	52
June 3-4	EANS Spinal Step I	Athens, Greece	4
June 10-11	EANS Basic Endovascular Course for Neurosurgeons	Amsterdam, The Netherlands	35
October 12-13	EANS Basic Endovascular Course for Neurosurgeons	Sofia, Bulgaria	32
November 22-25	EANS Cranial Step II	Istanbul, Turkey	20
November 26-29	EANS Cranial Step I	Brno, Czech Republic	20
December 5-6	EANS White Matter Dissection Course	Tours, France	24
2025	Course Title	City, Country	Participants
January 22-25	EANS Advanced Microvascular Hands-On Course	Rotterdam, The Amsterdam	22
Mar 18 & 25 Mar 31 - Apr 1	EANS Boot Camp for Vascular & Endovascular Neurosurgery	Milan, Italy	68
June 12-13	EANS Basic Endovascular Course for Neurosurgeons	Berlin, Germany	14
June 17-20	EANS Cranial Step II	Lyon, France	20
June 23-24	EANS Spinal Step I	Thessaloniki, Greece	18
September 15-16	EANS Chronic Subdural Hematoma	Rome, Italy	31

Specialised and Hands-On Courses

EANS Boot Camp for Vascular and Endovascular Neurosurgery

27 March and 3 April 2024: Web seminars (Part 1)

8-9 April 2024: Hands-On Course (Part 2), Milan, Italy

Course Directors: Marco Cenzato & Simone Peschillo



The 2024 edition of the EANS Boot Camp for Vascular and Endovascular Neurosurgery took place in the heart of Milan.

This innovative course was born from the recognition of a crucial need: to equip young neurosurgeons with the skills to master both open vascular and endovascular techniques. The EANS Vascular Section's panel firmly believes that European neurosurgery training must embrace endovascular procedures with the same rigour applied to traditional neurosurgical disciplines, reflecting global standards.

In alignment with this vision, the EANS Basic Endovascular Courses have rapidly gained traction, drawing widespread interest from the

neurosurgical community. The Boot Camp itself is structured into two comprehensive parts: a theoretical module (Part 1) and a hands-on practical module (Part 2). Part 1 consists of two days of interactive web seminars, laying the foundational knowledge for endovascular approaches. A week later, participants reconvene for Part 2—a two-day, on-site immersive experience guided by ten expert faculty members.

The hands-on sessions are intentionally limited to just 30 participants, ensuring each attendee receives focused, practical experience. Using placenta models, participants practice complex techniques such as clipping and bypasses, alongside coiling and flow-diverter stent placements—all under the direct supervision of the faculty.

This year's international faculty featured 35 world-renowned vascular and endovascular neurosurgeons, each bringing their expertise and real-world insights to the programme. A total of 52 delegates participated— 30 attending the in-person sessions in Milan and 24 joining online. Feedback from the attendees was overwhelmingly positive, with many praising the structured curriculum and the exceptional quality of the speakers. The success of this event has solidified the EANS Boot Camp as an official EANS Section Course, setting a new standard for vascular and endovascular neurosurgery training in Europe.



EANS Research Course 2024

19 April 2024, Hamburg, Germany

Chair: [Katrin Rabiei](#)

CME Accreditation: 5.0 European CME Credits (ECMEC®s)



The EANS Research Course 2024 unfolded successfully in the vibrant city of Hamburg on 19 April, welcoming 35 enthusiastic participants. This one-day interactive event, held in conjunction with the EANS Young Neurosurgeons Meeting, has proven to be a highly effective format—engaging attendees through its focused and practical approach. Given its positive reception, this interactive structure is set to continue in future editions.

A standout highlight of the course was the dedicated session for presentations by the shortlisted candidates of the Aesculap EANS Research Prize Award. This

segment culminated in the much-anticipated voting and announcement of the 2024 Aesculap EANS Research Prize winners:

- Best Clinical Paper: Onco-functional outcome after resection for eloquent glioblastoma (GLIOFO): a propensity-score matched analysis of an international, multicentre, cohort study by Dr. Jasper Gerritsen (The Netherlands).
- Best Laboratory Paper: Human acute microelectrode array recordings with broad cortical access, single-unit resolution, and parallel behavioral monitoring by Dr. Viktor Maria Eisenkolb (Germany).

These exceptional contributions reflect the spirit of innovation and excellence that the EANS Research Course aims to foster, reinforcing its role as a cornerstone event for advancing neurosurgical research in Europe.

13th Annual EANS Young Neurosurgeons' Meeting

19 - 21 April 2024, Hamburg, Germany

Chair: [Giovanni Raffa](#)

CME Accreditation: 10.5 European CME Credits (ECMEC®s)



The 13th Annual EANS Young Neurosurgeons' Meeting took place in Hamburg, Germany, marking a record-breaking year with 105 attendees and 39 distinguished faculty members.

Held alongside the EANS Research Course, this well-established event continues to serve as a premier platform for emerging neurosurgeons to connect, learn, and advance their expertise. This year, 36 delegates had the exclusive opportunity to participate in two Pre-Meeting Hands-On Courses on 19 April, just before the official launch of the YNM scientific programme:

- Hands-On Workshop 1: Minimally Invasive and Endoscopic Spine Surgery
- Hands-On Workshop 2: Decompression, Instrumentation, Tumor Removal, and Dural Repair in Spinal Oncology

The scientific programme featured in-depth discussions led by senior experts, focusing on the latest advancements, challenges, and controversies in Spinal Oncology and Minimally Invasive Spine Surgery (MIS). Interactive sessions allowed young neurosurgeons to engage directly with EANS experts and their peers, dissecting real-world cases and exploring cutting-edge treatment strategies.

For the first time ever, the YNM introduced a call for abstracts and videos centered on the meeting's core topics. Selected works were presented during dedicated oral sessions, while others were showcased in specific E-poster sessions. To recognise excellence and innovation, awards were presented to the standout contributors:

- Best ePoster Oral Presentation: Establishing a Unilateral Biportal Endoscopy practice: our experience in the first 52 cases by Xavier Augusto Santander Espinoza (Spain)
- Best Video Presentation: Surgical treatment of atypical cervical spine chordoma – case report by Hojka Rowbottom (Slovenia)
- Best Abstract Presentation: Remineralization of lytic spinal metastases after radiation therapy – a retrospective cohort study comparing conventional external beam radiation therapy with stereotactic ablative body radiation by Ruben Van den Brande (Belgium)

These outstanding contributions highlight the exceptional talent and innovative spirit of young neurosurgeons across Europe. Winners will also have the opportunity to participate in upcoming EANS Young Neurosurgeons educational activities, reinforcing the meeting's commitment to fostering the next generation of neurosurgical leaders.

EANS Spinal Step I Hands-On Course

3-4 June 2024, Athens, Greece

Course Directors: [Nikolay Velinov](#) & [Kostas Fountas](#)



This year's edition brought together 24 participants and 10 expert faculty members for an immersive two-day experience. Tailored for beginner residents (1st to 3rd year), the course featured a blend of theoretical sessions, simulation-based learning, and cadaver workshops, all conducted in a state-of-the-art environment. This hands-on approach ensures that participants gain practical knowledge and refine their techniques in a safe and supportive setting.

By the conclusion of the course, attendees were equipped to perform key procedures in spine surgery, including:

- Cervical Disc and Plating
- Cervical Posterior Foraminotomy
- Lumbar Disc Herniation
- Lumbar Stenosis
- Lumbar Instrumentation
- Vertebroplasty



The EANS Spinal Step I Hands-On Course continues to be a cornerstone in the training of future neurosurgeons, providing them with the expertise and confidence to excel in the operating room.

EANS Basic Endovascular Course for Neurosurgeons

10-11 June 2024, Amsterdam, The Netherlands

Course Directors: [Nikolay Velinov](#) & [Jeroen Boogaarts](#)



Building on the success of its previous edition, the fourth EANS Endovascular Course returned to Amsterdam, the Netherlands, in June 2024. This highly anticipated event brought together 36 participants and 12 expert faculty members for an immersive exploration of endovascular treatment strategies.

As the range of endovascular options continues to expand, neurosurgeons are increasingly required to understand these approaches to make informed decisions about whether their patients should undergo endovascular or open surgical treatment. Despite its growing importance, practical experience in neuroendovascular techniques remains limited among the European neurosurgical community—particularly for young neurosurgeons. This course addresses that gap by offering foundational insights into endovascular therapies, enhancing participants' understanding of both the strengths and limitations of these procedures.



The course featured an international faculty composed of dual-trained neurosurgeons and neurointerventional specialists, all of whom shared their expertise and real-world experiences. Through hands-on training and interactive sessions, attendees gained critical knowledge designed to improve

their decision-making and technical skills in neurovascular cases.

Once again, the EANS Endovascular Course proved to be a resounding success, with participants praising the well-structured content and the exceptional quality of scientific presentations.

11th Annual EANS Vascular Section Meeting

5-6 September 2024, Marseille, France

CME Accreditation: 11 European CME Credits (ECMEC®s)

Meeting Organisers: Jeroen Boogaarts, Andreas Gruber,
Nikolay Velinov & Marco Cenzato



The 11th Annual EANS Vascular Section Meeting took place in the vibrant city of Marseille, France, held in conjunction with the ESMINT Congress. This year's event welcomed 91 delegates and speakers from across Europe and beyond, reflecting its continued growth and international appeal.

As part of a unique collaboration, the registration fee granted all participants access to the Wednesday EANS-ESMINT Joint Sessions, while ESMINT delegates were also invited to attend the Vascular Meeting's sessions on Thursday. This cross-access approach fostered broader learning opportunities and interdisciplinary dialogue among experts.



The programme featured a series of keynote lectures, complemented by talks selected from an impressive 80 submitted abstracts. In keeping with tradition, the meeting emphasised giving members the opportunity to present their work, dedicating a significant portion of the schedule to oral presentations and plenary discussions. The meeting introduced short report sessions to accommodate the increasing number of high-quality abstracts and broaden participation.

Looking ahead, plans are already in place to introduce ePoster sessions alongside oral presentations in future editions, further expanding the platform for knowledge sharing and interactive learning.

Once again, the EANS Vascular Section Meeting received outstanding evaluations from participants, who praised the high-level presentations, engaging discussions, and the welcoming atmosphere that continues to define this annual gathering.

EANS Basic Endovascular Course for Neurosurgeons

12-13 October 2024, Sofia, Bulgaria

Course Director: Nikolay Velinov

Following the success of the previous EANS Endovascular Courses, the fifth edition took place in Sofia, Bulgaria, in October 2024. This event continued to build on its reputation for excellence, bringing together 32 delegates and 14 esteemed faculty members for an immersive experience in endovascular treatment strategies.

As endovascular options rapidly expand, it is crucial for neurosurgeons to stay informed and adept in these evolving techniques. Understanding the nuances of endovascular versus open surgical treatment allows neurosurgeons to make well-informed decisions for their patients. This course was specifically designed to equip participants with the knowledge and practical skills required to navigate these critical decisions with confidence.

Led by an international faculty of dual-trained neurosurgeons and neurointerventional specialists, the programme featured hands-on workshops, case-based discussions, and interactive lectures that delved into the complexities and benefits of endovascular therapies.

The EANS Endovascular Course in Sofia marked another successful chapter in the series, further solidifying its role as a cornerstone in advanced neurosurgical training across Europe.

The 3rd World Young Neurosurgeons' Congress

12-14 October 2024, Sofia, Bulgaria

CME Accreditation: 22.5 European CME Credits (ECMEC®s)

Congress Presidents: Yoko Kato (ACNS) & Andreas Demetriades (EANS)

Chairs: Ben Ng (ACNS) & Giovanni Raffa (EANS)

The 3rd World Young Neurosurgeons Congress successfully brought together 207 attendees and esteemed faculty members. The congress was jointly organised by the Young Neurosurgeons Committees of the European Association of Neurosurgical Societies (EANS) and the Asian Congress of Neurological Surgeons (ACNS), marking the first collaboration between these two organisations. This event, held under the leadership of Prof Yoko Kato and Dr Andreas Demetriades, served as a powerful platform for the next generation of neurosurgeons to connect, learn, and share insights.

The congress, following the success of its two previous editions organised by the ACNS, provided an inspiring space for young neurosurgeons worldwide to gather and explore the latest advancements in the field. The primary goal of the event was to foster learning and exchange among young neurosurgeons, while also creating an environment for dialogue with senior experts. This was achieved through a robust Scientific Programme that included keynote speeches, contributions from young professionals, six pre-congress hands-on workshops, and networking opportunities.

The sessions provided valuable insights into cutting-edge research, new technologies, and recent advancements in neurosurgery. The event's diverse programme encouraged active participation, with attendees asking thought-provoking questions and expanding their knowledge base.

At the conclusion of the congress, several awards were presented in recognition of outstanding contributions to the field. The awards were given to the following presentations:

- Best Oral Presentation – 1st Prize

Tomasz Dzedzic

Ischemic changes in insular glioma surgery: incidence, localization, and clinical implications

- Best Oral Presentation – 2nd Prize

Martin Trandzhiev

Patient-specific computed tomography-based three-dimensional spine trauma models applied in the context of preoperative planning in virtual reality

- Best Oral Presentation – 3rd Prize

Mary Solou

A UK single-centre study of radiological-only cauda equina compression without clinical red flags: incidence and long-term outcome

- Best Oral Presentation – 3rd Prize

Shervin Espahbodinea

Personalized surgery of brain tumors in language areas: the role of preoperative brain mapping in patients not eligible for awake surgery

- Best Video Presentation

Ben NG

Endoscopic trans-sphenoidal pituitary transposition for pituitary stalk biopsy

- Best E-Poster Presentation

Yoshiaki Goto

Efficacy of a novel augmented reality navigation system using 3D computer graphic modelling in endoscopic transsphenoidal surgery for sellar and parasellar tumours



The 3rd World Young Neurosurgeons Congress was an invaluable experience for all involved, offering both educational and professional opportunities. The congress successfully achieved its goal of fostering collaboration, innovation, and global networking, paving the way for future progress in neurosurgery.

EANS Peripheral Nerve Surgery Pre-Congress Course

13 October 2024, Sofia, Bulgaria

CME Accreditation: 6.0 European CME Credits (ECMEC®s)

Chair: Christian Heinen



The EANS Peripheral Nerve Surgery Pre-Congress Course was held on 13 October 2024 in Sofia, Bulgaria. This specialised course provided a comprehensive 360° perspective into one of the most challenging and rewarding fields in neurosurgery—peripheral nerve surgery. Bringing together experts from around the globe, the event aimed to enhance understanding, share innovative strategies, and deepen insights into peripheral nerve pathologies.

The programme was meticulously designed to cover the most critical aspects of peripheral nerve surgery, including nerve trauma, tumours, and compressions. Key focus areas included physical examination techniques, advanced imaging

methods, electrophysiology, detailed exploration of various pathologies, treatment strategies, and discussions on emerging technologies and developments in the field.

The course successfully attracted 61 delegates, who benefited from the expertise of 17 distinguished faculty members. The interactive format of the course allowed for rich discussions, fostering a deeper understanding of both common and complex cases in peripheral nerve surgery.

The EANS Peripheral Nerve Surgery Pre-Congress Course not only provided a platform for knowledge exchange but also inspired growth and development in one of neurosurgery's most intricate specialties. The successful gathering of faculty and delegates marked a significant step forward in understanding peripheral nerve pathologies and refining surgical practices for better patient outcomes.

EANS Microneurosurgery Hands-On Course

6-10 November 2024, Cluj, Romania

Course Directors: Victor Volovici & Torstein R. Meling
Course Co-Directors: Ioan Stefan Florian & George Dindelegan

The fifth edition of the EANS Microvascular Course took place in Cluj, Romania, from 6 to 10 November 2024. This course is designed to provide a comprehensive microvascular experience, covering all types of anastomosis and experimental microsurgery. It was led by distinguished members of the EANS faculty and experts actively engaged in microsurgical research.

The programme was structured to deliver intensive hands-on microsurgical training over four days, with a focus on mastering microvascular techniques. Sixteen delegates participated in 1-on-1 mentoring sessions, receiving personalised guidance and learning advanced tips and tricks aimed at continuous skill improvement.

The interactive, hands-on nature of the course allowed participants to gain real-world experience and refine their surgical precision under expert supervision. This immersive training environment ensured that each delegate left with enhanced proficiency in microsurgery.

Following its success, the EANS Microvascular Course is scheduled to be held once again in Cluj in 2025. This continuation reflects the course's impact and the strong demand for high-level microvascular training in the neurosurgical community.



Specialised and Hands-On Courses

EANS Advanced Course in Spinal Surgery - Part I: Extended Indications and Advanced Operative Techniques

17-19 November 2024, Leuven, Belgium
CME Accreditation: 19.0 European CME Credits (ECMEC®s)

Course Director: Bart Depreitere



The EANS Advanced Course in Spinal Surgery, Part I took place in Leuven, Belgium, from 17-19 November 2024. This course, which gathered 35 delegates and 18 faculty members, focused on advanced surgical techniques and extended indications in spinal surgery.

The course provided a unique and enriching experience for participants, giving them the chance to engage in informal debates with peers and internationally recognised experts in the field. The faculty members, renowned surgeons from various European countries, offered invaluable insights into advanced spine surgery techniques, sharing surgical pearls, concepts, and future trends

that are shaping the discipline.

The course covered a wide range of key topics related to advanced spine care through a series of overview lectures. These lectures offered participants the latest updates on the challenges and innovations in spinal surgery. One of the highlights was the many interactive sessions, where delegates had the opportunity to discuss challenging real-world cases with faculty members and peers, deepening their understanding of complex surgical situations.

A standout feature of the course was the cadaver lab workshops, where participants were able to refine their hands-on skills with the latest technologies. These workshops were integral to the course, allowing delegates to practice advanced surgical techniques under the mentorship of experienced faculty.

The combination of lectures, case discussions, and hands-on training made the course a comprehensive learning experience. It was well-received by the delegates, many of whom praised the opportunity to directly interact with experts and gain practical insights into cutting-edge procedures.

The EANS Advanced Course in Spinal Surgery, Part I, in Leuven was a resounding success. The second part will be held again in 2025, continuing to provide top-tier education to neurosurgeons in the field of spinal surgery.

EANS Cranial Step II Hands-On Course

22-25 November, Istanbul, Turkey

Course Directors: Nikolay Velinov and Ihsan Solaroglu



The 4th EANS Cranial Step II Hands-On Course was held from 22–25 November 2024 at the Koc University Training Centre in Istanbul, Turkey. This marks the second time the event has taken place at this esteemed training facility, offering an immersive experience for neurosurgical residents in their final years of training. The course served as an advanced continuation of the Step I Cranial Course held in Brno, focusing on complex neurosurgical techniques and anatomical mastery.

The programme was meticulously designed to deepen understanding in critical areas of neurosurgery, including: advanced neurosurgical anatomy, surgical planning and execution, neuroendoscopy techniques and skullbase approaches.

The hands-on dissection sessions allowed participants to practice surgical techniques under the mentorship of 14 distinguished faculty members, each bringing a wealth of expertise to the course.

The event was attended by 20 delegates, who expressed strong appreciation for both the course structure and the Turkish hospitality. Delegates highlighted the exceptional quality of the training, the expertise of the faculty, and the supportive learning environment.

World Radiosurgery Day Symposium

23 November 2024, Istanbul, Turkey

CME Accreditation: 6.5 European CME Credits (ECMEC®s)

Symposium Director: Kita Sallabanda
Symposium Co-Director & Local Host: Selçuk Peker



The World Radiosurgery Day Symposium, organised by the EANS and endorsed by the International Stereotactic Radiosurgery Society (ISRS), was held on 23 November 2024 at Koç University Hospital in Istanbul, Turkey. This special event was established in honour of Prof. Lars Leksell, the “Father of Radiosurgery,” whose birthday is celebrated annually as World Radiosurgery Day. The symposium aimed to recognise the critical role of radiosurgery in neurosurgical practice and to promote advanced knowledge in this innovative field.

The event welcomed 75 delegates from various countries, joining 18 distinguished faculty members to explore cutting-edge developments, techniques, and clinical applications in radiosurgery.

The scientific programme was structured into four engaging sessions covering a wide range of critical topics:

- Session I: Focused on the History of Radiosurgery, Radiobiology, and Radiosurgery Platforms.
- Session II: Included expert panel discussions on CNS Metastasis and Vascular Malformations, with talks on Large Metastasis, Multiple Metastasis, Targeted Therapies, Large AVMs, Cavernomas, and Dural AVFs.

- Session III: Addressed Sellar Region Tumors and the role of AI in radiation oncology, alongside discussions on Large Pituitary Adenomas, Craniopharyngiomas, and Parasellar Meningiomas. The session also explored Radiosurgery for Psychiatric Disorders.
- Session IV: Concluded with a deep dive into Gliomas and Radiosurgery for Pain, with special focus on Tectal Plate Gliomas, Pilocytic Astrocytomas, and Glioblastomas.

The day wrapped up with a presentation on Radiosurgery in the Neurosurgery Residents Curriculum and the Horizons of Radiosurgery, emphasising the future of this technology.

With world-class presentations, interactive discussions, and high-level networking, the event solidified its place as a key annual gathering for advancing knowledge and collaboration in radiosurgery.



EANS Cranial Step I Hands-On Course

26-29 November 2024, Brno, Czech Republic

Course Directors: Nikolay Velinov & Martin Smrcka



The 7th EANS Basic Course in Cranial Surgery took place from 26–29 November 2024 at Masaryk University in Brno, Czech Republic. Renowned for its comprehensive approach to foundational neurosurgical skills, the course welcomed 20 delegates and was led by a team of 10 expert faculty members. This dissection course is specifically designed for neurosurgical residents in their early years of training. It aims to equip participants with a solid understanding of: Essential Neurosurgical Anatomy, Surgical Planning, Handling of Basic Neurosurgical Equipment and Basic Neurosurgical Cranial Approaches.

The hands-on dissection sessions allowed participants to practice these skills under expert supervision, ensuring that each delegate left with increased confidence and proficiency.

The course was once again highly rated and appreciated by its participants, reflecting the quality of teaching and the effectiveness of the hands-on sessions. Notably, the EANS Basic Course in Cranial Surgery remains one of the most sought-after training experiences at EANS, with over 200 doctors on the waiting list. The continued popularity of this course underlines its critical role in shaping the next generation of neurosurgeons.

EANS White Matter Dissection Course

5-6 December 2024, Tours, France

Course Directors: Igor Maldonado & Torstein R. Meling



The 6th EANS White Matter Dissection Course took place from 5–6 December 2024 at the Laboratoire d'Anatomie de la Faculté de Médecine of Tours. This highly specialised course, limited to a select number of participants, focused on the detailed anatomy and function of white matter tracts and their critical implications in neurosurgical practice.

The course was designed to provide an in-depth understanding of white matter pathways, covering: anatomy of white matter tracts, functional implications and neurosurgical application.



A total of 23 participants engaged in two days of focused dissection sessions under the mentorship of five expert faculty members. The hands-on nature of the course allowed attendees to refine their skills and enhance their anatomical understanding through practical experience.

The EANS White Matter Dissection Course remains a hallmark event in the EANS training calendar, with over 100 doctors on the waiting list—a clear reflection of its demand and reputation.

EANS Advanced Microvascular Hands-On Course

22-25 January 2025, Rotterdam, The Netherlands

Course Directors: Victor Volovici and Torstein R. Meling

The latest edition of the EANS Advanced Microneurosurgery Course took place from 22–25 January 2025 in Rotterdam, hosted at the Center for Complex Microvascular Surgery, Erasmus MC University Medical Center. This event once again confirmed its reputation as a leading educational platform in advanced microsurgery, combining technical mastery with innovation and close faculty-participant interaction.

The 2025 edition built on the solid experience of previous years, offering participants a unique opportunity to refine their microsurgical skills in a highly specialised setting. The Erasmus MC facilities provided an optimal environment for hands-on practice and advanced training in microvascular surgery.

The course brought together 22 delegates from across Europe. They were guided by a distinguished team of 12 international faculty members, renowned experts who generously shared their knowledge, experience, and innovative approaches.

Scientific & Practical Content

- Hands-on microsurgical training focusing on advanced vascular techniques and bypass surgery
- Microsurgical laboratory sessions emphasising precision, reproducibility, and technical refinement
- Case-based discussions designed to bridge theory and practice, highlighting real-world decision-making
- Faculty-led lectures covering both state-of-the-art surgical strategies and future directions in microsurgery

The EANS Advanced Microneurosurgery Course 2025 was a resounding success, distinguished by the excellence of its faculty, the dedication of its participants, and the unique learning environment at Erasmus MC.

EANS Boot Camp for Vascular and Endovascular Neurosurgery

18 and 25 March 2025: Web seminars (Part 1)
31 March - 1 April 2025: Hands-On Course (Part 2), Milan, Italy

Course Directors: Marco Cenzato & Simone Peschillo

The 2025 edition of the EANS Boot Camp for Vascular and Endovascular Neurosurgery took place in the heart of Milan. This year's international faculty featured 32 world-renowned vascular and endovascular neurosurgeons, each bringing their expertise and real-world insights to the programme. A total of 68 delegates participated— 30 attending the in-person sessions in Milan and 38 joining online.



EANS Research Course 2025

3 May 2025, Catania, Italy
CME Accreditation: 4.0 European CME Credits (ECMEC®s)

Chair: Katrin Rabiei



The EANS Research Course 2025 was held on 3 May 2025 in Catania, Sicily, continuing its tradition of high-quality research education for neurosurgeons across Europe. The course has evolved over the past two years to include increasingly advanced and diverse research topics, reflecting the dynamic development of neurosurgical science.

Following the 2024 edition in Hamburg, which emphasised clinical research—including statistics, artificial intelligence, machine learning, and multicentre trial design—the 2025 course shifted focus to translational and basic science research. Participants explored cutting-edge topics in neurovascular diseases, high-grade gliomas, and spinal cord injury, guided by leading experts in these fields.



The event welcomed 51 delegates from across Europe, representing a diverse group of early-career and established neurosurgeons committed to advancing research. The course was led by 8 distinguished faculty members, including the previous year's Aesculap Award winners, who joined as mentors to support and inspire emerging talent.

A standout highlight of the course was the dedicated session for presentations by the shortlisted candidates of the Aesculap EANS Research Prize Award. This segment culminated in the much-anticipated voting and announcement of the 2025 winners:

- Best Clinical Paper: Localized Nicardipine Release Implants for Prevention of Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Randomized Clinical Trial by Lars Wessels (Germany)
- Best Laboratory Paper: Inferring histology-associated gene expression gradients in spatial transcriptomic studies by Jan Kueckelhaus (Germany)

14th Annual EANS Young Neurosurgeons' Meeting

3 - 5 May 2025, Sicily, Italy

YNM Chair: Giovanni Raffa



This event brought together 142 delegates and 125 speakers from across Europe to discuss the latest advances, controversies, and innovations in neurosurgery, while fostering education, collaboration, and professional networking.

On the day preceding the official meeting, participants had the opportunity to refine their surgical skills through one of five hands-on workshops:

- Hands-On Workshop 1: Microsurgical resection of brain tumours
- Hands-On Workshop 2: Endoscopic endonasal trans-sphenoidal surgery
- Hands-On Workshop 3: Spine decompression and instrumentation in neuro-oncology
- Hands-On Workshop 4: Spine endoscopy
- Hands-On Workshop 5: Microvascular sutures and bypass



These workshops utilised advanced physical simulators and state-of-the-art surgical technologies, providing an immersive environment for delegates to practice and enhance their microsurgical techniques.

The main meeting featured a combination of theoretical lectures and interactive sessions, allowing participants to discuss state-of-the-art

approaches, complications, and controversial cases in:

- Skull base surgery
- Cranial and spinal neuro-oncology

A highlight of the 2025 edition was the inaugural European Symposium on Navigated Transcranial Magnetic Stimulation (nTMS) in Neurosurgery, held in parallel to the main program. The symposium covered:

- nTMS-based preoperative mapping and surgical planning for brain tumours in eloquent areas
- Applications of nTMS for postoperative neurological recovery
- Dedicated theoretical and practical workshops on nTMS and intraoperative neuromonitoring (IONM) for brain mapping and monitoring

On 5 May, participants had the opportunity to present their work through oral presentations and E-posters. A committee of EANS experts evaluated the submissions and awarded best abstract, E-poster oral, and video prizes, granting winners access to future EANS educational activities.

Special recognitions included:

- **Best Abstract Presentation**
Sara Tabari, *Stereotactic biopsies for intracranial lesions: risk factors for adverse events in a population-based single-institution consecutive series*
- **Best E-Poster Oral Presentation**
Marius-Cristian Zaharia, *Extended reality in medical education: innovative training approaches and simulation techniques*
- **Best Video Presentation**
Giorgio Mantovani, *Endoscopic transorbital removal of a temporomesial cavernous hemangioma*

Throughout the meeting, delegates were encouraged to engage in discussion and debate, exchange ideas, and explore collaborative opportunities across Europe. The event fostered a friendly and interactive learning environment, bridging the gap between training and professional practice.

EANS Basic Endovascular Course for Neurosurgeons

12-13 June 2025, Berlin, Germany

Course Directors: Nikolay Velinov, Peter Vajkoczy & Lars Wessels



Building on the success of its previous edition, the sixth EANS Endovascular Course took place in Berlin, Germany, in June 2025. This specialized course brought together 14 participants to advance their expertise in neurovascular interventions, combining high-level theoretical knowledge with hands-on practical experience.

The course featured an international faculty of 12 dual-trained neurosurgeons and neurointerventional specialists, all of whom shared their extensive experience and insights from real-world clinical practice. Participants benefited from a close faculty-to-attendee ratio, allowing for personalized guidance and interactive learning.

The 14 participants praised the course for its well-structured curriculum, practical relevance, and high-quality scientific presentations. The combination of theoretical lectures and hands-on exercises enabled attendees to refine their skills and apply new knowledge directly to clinical practice.

EANS Cranial Step II Hands-On Course

17-20 June 2025, Lyon, France

Course Directors: Nikolay Velinov and Emile Simon



The 5th EANS Cranial Step II Hands-On Course took place for the first time in Lyon, France, from 17 to 20 June 2025. Building on the foundation established in the Step I Cranial Course in Brno, this advanced programme focused on complex neurosurgical techniques and anatomical mastery.

The course curriculum was carefully crafted to enhance participants' proficiency in critical aspects of cranial neurosurgery, including:

- Advanced neurosurgical anatomy
- Surgical planning and execution
- Neuroendoscopic techniques
- Skull base approaches

A highlight of the course was the hands-on dissection sessions, during which participants applied their knowledge under the guidance of 10 distinguished faculty members, each providing expert mentorship and sharing years of practical experience.

The course welcomed 20 delegates, offering them a highly interactive and immersive learning environment aimed at refining technical skills and deepening surgical understanding.

EANS Spinal Step I Hands-On Course

23-24 June 2025, Thessaloniki, Greece

Course Directors: [Nikolay Velinov](#) and [Nikolas Foroglou](#)



This year's edition brought together 18 participants and 11 expert faculty members for an immersive two-day experience. Tailored for beginner residents (1st to 3rd year), the course featured a blend of theoretical sessions, simulation-based learning, and cadaver workshops, all conducted in a state-of-the-art environment. This hands-on approach ensures that participants gain practical knowledge and refine their techniques in a safe and supportive setting.

By the conclusion of the course, attendees were equipped to perform key procedures in spine surgery, including:

- Cervical Disc and Plating
- Cervical Posterior Foraminotomy
- Lumbar Disc Herniation
- Lumbar Stenosis
- Lumbar Instrumentation
- Vertebroplasty

The EANS Spinal Step I Hands-On Course remains a key pillar in neurosurgical education, equipping trainees with the practical skills and confidence necessary to perform with excellence in the operating room.

12th Annual EANS Vascular Section Meeting

4-6 September 2025, Marseille, France

CME Accreditation: 9.0 European CME Credits (ECMEC®s)

Meeting organisers: [Jeroen Boogaarts](#), [Andreas Gruber](#), [Nikolay Velinov](#), [Marco Cenzato](#) & [Simone Peschillo](#)



The 12th Annual EANS Vascular Section Meeting was held once again in the vibrant city of Marseille, France, in conjunction with the ESMINT Congress. This year's event brought together 83 delegates and speakers from across Europe and beyond, underscoring its growing international appeal. As part of a unique collaboration, the registration fee granted participants access to the Wednesday EANS-ESMINT Joint Session, while ESMINT delegates were invited to attend the Vascular Meeting's sessions on Thursday. This cross-access approach promoted interdisciplinary dialogue and broader learning opportunities among experts. The programme featured a series of keynote lectures, complemented by talks selected from an impressive 78 submitted abstracts. For the first time, e-poster presentations were introduced, accommodating the increasing number of high-quality abstracts and allowing wider participation. The meeting concluded with a special one-day workshop on open vascular neurosurgery on 6 September 2025 at the Radisson Blu Hotel. Titled "Microvascular Mastery in Neurosurgery", the workshop welcomed 14 delegates under the guidance of 7 renowned vascular faculty members. The hands-on sessions covered:

- Basic techniques: suturing, STA-MCA principles, open aneurysm clipping techniques, aneurysm clipping after endovascular procedures
- Advanced techniques: side-to-side suturing and more complex microsurgical approaches

Once again, the EANS Vascular Section Meeting received outstanding evaluations, with participants praising the high-level presentations, engaging discussions, and the welcoming atmosphere that continues to define this premier annual gathering.

EANS Chronic Subdural Hematoma Hands-On Course

15-16 September 2025, Rome, Italy

Course Director: Simone Peschillo



The inaugural EANS MMA Embolization Hands-On Course was held for the first time in Rome, Italy, on 15–16 September 2025. Chronic subdural hematomas (cSDHs) are among the most common neurosurgical conditions, particularly affecting elderly populations. While burr-hole evacuation has long been the standard of care, middle meningeal artery (MMA) embolization has recently emerged as a groundbreaking minimally invasive technique, offering effective management and reduced recurrence rates.

The two-day course provided a comprehensive blend of theoretical and practical training, designed specifically for neurosurgeons interested in endovascular management of cSDHs. The course welcomed 31 international delegates who benefited from the expertise of 17 distinguished faculty members, offering a close mentor-to-participant ratio that enhanced learning and practical skill acquisition.

Participants received a thorough grounding in cSDH pathophysiology, surgical indications, and MMA embolization, alongside hands-on training using simulators and procedural scenarios. Faculty shared their insights on patient selection, perioperative management, and long-term follow-up strategies, and provided guidance on the pros and cons of different embolic devices, including coils, EVOH, and glue.

The programme also emphasised strategies for integrating MMA embolization with traditional surgical approaches, while fostering a network between young neurosurgeons and senior endovascular experts.

The first EANS MMA Embolization Course successfully established a new benchmark in neurosurgical training, equipping participants with the knowledge and technical expertise to adopt minimally invasive strategies for cSDHs.



Specialised and Hands-On Courses



EANS Endorsed Courses

The EANS receives every year a high number of endorsement requests from other Institutions/Hospitals/Scientific Committees. The EANS endorsement process follows the below updated strict criteria:

- > The event organiser must be a national/continental association of neurosurgery, a healthcare provider or an EANS individual member
- > The scientific programme should be submitted for review and must be approved by the EANS Board Member: Scientific Liaison
- > At least 25% of the faculty members should be members or former members of the EANS Board, EANS Training Committee, Section/Task force panel members, and/or EANS Committee members
- > Hands-on courses will be evaluated and considered according to the number of participants per station, and a maximum of 3 participants per station is recommended
- > The official Language should be English
- > A discount of at least 10% on the standard registration fee should be offered to EANS Individual Members
- > The organisers should agree to display/distribute EANS promotional materials
- > One-page report should be submitted after the event to the EANS President and the EANS Board Member for Scientific Matters (possibly specifying also how many EANS members attended the event). The report might be included in the EANS newsletter
- > It is highly recommended that the national neurosurgical society auspices have been obtained before requesting the EANS endorsement
- > The on-line checklist should be filled up
- > Application should be done at least 90 days before the scientific event
- > If the aforementioned criteria are met, the Scientific Liaison Board Member can propose to the ExCOM the endorsement of a scientific event
- > The ExCom shall retain oversight of the endorsement process and make the final decision

In 2024 and 2025, EANS has endorsed the following list of courses:

Skull Base Cadaver Course Brno, 08-09/02/2024, Brno

Masters of Brain Ultrasound in Neurosurgery, 18-19/04/2024, Barcelona

Oporto Ultrasound in Neurosurgery Course, 07-08/05/2024, Porto

Athens White Matter Dissection & Neurosurgical Anatomy Course, 13-17/05/2024, Athens

2nd Bern Simulation Workshop for Intracranial Aneurysm Microsurgery, 14-15/05/2024, Bern

1st Cerebrovascular Training Course: Aneurysms, 16-17/05/2024, Milan & 12-13/06/2024, Zurich

Advanced Hands-on Course in Skull Base Surgery, 16-18/05/2024, Düsseldorf

42nd European Workshops on Basic Techniques of Microsurgery and Cerebral Revascularisation, 20-24/05/2024, Vienna

Athens Skull Base Hands-On Course, 27-19/05/2024, Athens

1st Lausanne NET Lab Skull Base Course. 3D Printed Head Models with Tumours, 27-18/05/2024, Lausanne

EJCVC 2024 - European-Japanese Cerebrovascular Congress 2024, 27-29/06/2024, Vienna

Adelaide Microsurgical Skull Base Anatomy & Approaches for the Neurosurgeon, 7-18/08/2024, Adelaide

EANS Epilepsy Surgery Brain Dissection Course, 22-24/08/2024, Vienna

First Congress of The Georgian Society of Neurological Surgery, 6-7/09/2024, Tbilisi

4th Neuromed Skull Base Course with 3-D Exoscopes - Hands-On Course, 14-15/02/2025, Pozzilli

Lyon's Pituitary - Third Edition, 02-04/04/2025, Lyon

Mistake on the Lake, 10-11/04/2025, Gravedona (Lake Como)

2nd Cerebrovascular Training Course, 16-17/05/2025, Milan/ Zürich

Intracranial Glioma Workshop: From A To Z, 21-24/05/2025, Athens

Fundamentals of Open and Endoscopic Approaches to the Skull Base, 22-23/05/2025, Liege

Lausanne Net Lab Skull Base Course: 3d Printed Head Models with Tumors, 23-24/05/2025, Lausanne

Athens Skull Base Hands-On Course, 26-28/05/2025, Athens

3rd Bern Hands-On Aneurysm Clipping Course, 27-28/05/2025, Bern

2nd SANC Symposium on Global Neurosurgery, 26/09/2025, Uppsala

Vascular Dissection Techniques and Microanastomosis Course, 26-27/09/2025, Lausanne

Research Fund

The EANS Research Fund aims to nurture young researchers who are developing a research career. Applicants should be either neurosurgical trainees, research fellows or junior consultants (5 years or less). The awards are available to neurosurgeons in all member countries of the European Association of Neurosurgical Societies to encourage European cooperation and collaboration. This fund provides seed grants across the various neurosurgical specialties addressing operative neurosurgery (microsurgery), brain injury, vascular neurosurgery, oncology, spine surgery, functional neurosurgery, peripheral nerve surgery, cerebrospinal fluid disorders, paediatric neurosurgery and pre-clinical neuroscience.

Both laboratory and clinical research projects are eligible for funding. There is a maximum of one submission per applicant, to be submitted by a principal-named applicant, plus a maximum of five co-applicants. Each award of €10.000 should be spent within 12 months of receipt.

In 2024, 76 applications from 18 countries were submitted and accepted for review:

Country		Country		Country	
Austria	6	Italy	12	Sweden	1
Belgium	1	Netherlands	5	Switzerland	14
Denmark	1	Poland	3	Ukraine	1
France	3	Portugal	1	United Kingdom	6
Georgia	1	Romania	1		
Germany	17	Serbia	1	Total	76
Greece	1	Slovakia	1		

Gender balance of applicants: 46,05% females, 53,94% males

The winners were 6, where 3 of them were sponsored by Zeiss, Olympus and JEAN BRIHAYE fund.

EANS2024 Research Grants

Manuel J. Ferreira-Pinto (Portugal): Electrophysiological characterisation of the microlesion effect after deep brain stimulation in patients with Parkinson's disease

Laurèl Rauschenbach (Germany): Exploring Tumor-Reactive T-Cells in the Cranial Bone of Glioblastoma Patients through Positron Emission Tomography-Guided Biopsies.

Martina Sebök (Switzerland): Deciphering hemodynamic alterations following microsurgical AVM resection in patients with brain AVM - associated epilepsy

OLYMPUS 2024 Research Grant

Sandra Fernandes Dias (Switzerland): Real time diagnosis of pediatric brain tumors and epilepsy lesions using stimulated Raman histology—advancing intraoperative efficacy and expanded research horizons

ZEISS 2024 Research Grant

Amine Mellal (Switzerland): Virtual Reality in Skull Base Surgery Training: A Randomized Controlled Trial

JEAN BRIHAYE 2024 Research Grant

Thomas van Essen (The Netherlands): RETRACE-ASDH: individual participant data meta-analysis of RESCUE-ASDH, TRACK-TBI and CENTER-TBI—improving surgery in Acute SubDural Hematoma

In 2025, 67 applications from 15 countries were submitted and accepted for review:

Country		Country		Country	
Austria	2	Greece	2	Sweden	1
Belgium	1	Italy	9	Switzerland	10
Cyprus	1	Netherlands	3	Turkey	1
Denmark	2	Serbia	2		
France	3	Slovakia	2	Total	67
Germany	19	Spain	3		

Gender balance of applicants: 26,8% females, 73,1% males

The winners were 6, where 3 of them were sponsored by Zeiss, Olympus and JEAN BRIHAYE fund.

EANS2025 Research Grants

Roberto Doria-Medina (Germany): Twist-Drill Craniostomy with Pressure Controlled Fibrinolytic Irrigation for Patients with Acute Subdural Hematomas that do not require Immediate Craniotomy: A Randomized Controlled Trial.

Claudius Jelgersma (Germany): Establishment of a syngeneic hybrid model for the investigation and characterization of vascular changes during the formation of the premetastatic niche under the influence of the primary tumor in spinal metastasis"- experimental project

Johannes Falter (Germany): Effects of dexamethasone on microglia and chemokine signaling in glioblastoma and brain metastases - experimental project

OLYMPUS 2025 Research Grant

Andrea Bianconi (Italy): ResPGlioma: Impact of PET-Guided Resection on Survival in High-Grade Gliomas–A Multicenter Prospective Study- clinical study.

ZEISS 2025 Research Grant

Johannes Goldberg (Switzerland): Ultra-High Field 7T MRI for Aneurysm Wall Enhancement in Unruptured Intracranial Aneurysms

JEAN BRIHAYE 2025 Research Grant

Manina Etter (Switzerland): Leveraging the Plasma and CSF Proteome of Glioblastoma–A non-invasive Tool for Diagnosis, Treatment Surveillance and Prognostication

SUTTER 2025 Research Grant

Rick Vreeburg (The Netherlands): Study on Prognosis of Acutely Ruptured intracranial Aneurysms

Aesculap-EANS Research Prize 2024 - 2025

In 2024 and 2025, the Aesculap–EANS Research Prize, generously sponsored by B. Braun Aesculap, recognised excellence in the field of neuroscience by awarding a total of four distinguished prizes of €5,000 each. These awards celebrate groundbreaking research, with one dedicated to the Best Clinical Research Paper and the other to the Best Laboratory Research Paper. The aim of these prizes is to support and encourage innovative work that advances the understanding and treatment of neurological disorders.

Shortlisted Candidates 2024:

In total, 32 applications were accepted, reflecting a high level of scientific excellence and diversity in research topics. The EANS Research Committee meticulously evaluated each application to select the most impactful and innovative contributions. The shortlisted candidates were then invited to attend the EANS Research Course held on 19 April 2024 in Hamburg, Germany. During the course, they presented their research work, engaging with peers and mentors in a dynamic learning environment.

Best Laboratory Research Paper:

Human acute microelectrode array recordings with broad cortical access, single-unit resolution, and parallel behavioral monitoring, Viktor Maria Eisenkolb (Germany)

Spatial transcriptomics of brain-invasive meningiomas at the brain-meningioma border show distinct differences in Iba1/CD68-positive cell populations, Andrea Maier (Denmark)

Genomic landscape of diffuse glioma revealed by whole genome sequencing, Josephine Jung (United Kingdom)

Best Clinical Research Paper:

Epigenetic neural glioblastoma integrates into neuron-to-glioma networks and predicts therapeutic vulnerability, Richard Drexler (Germany)

Intraoperative functional remapping unveils evolving patterns of cortical plasticity, Sam Ng (France)

Hemodynamic Failure Staging With Blood Oxygenation Level-Dependent Cerebrovascular Reactivity and Acetazolamide-Challenged (15O-)H₂O Positron Emission Tomography Across Individual Cerebrovascular Territories, Martina Sebök (Switzerland)

Onco-functional outcome after resection for eloquent glioblastoma (GLIOFO): a propensity-score matched analysis of an international, multicentre, cohort study, Jasper Gerritsen (The Netherlands)

At the conclusion of the **EANS Research Course**, the **EANS Research Committee** convened to deliberate and select the final winners for each category:

Best Laboratory Research Paper:

Human acute microelectrode array recordings with broad cortical access, single-unit resolution, and parallel behavioral monitoring, Viktor Maria Eisenkolb (Germany)

Best Clinical Research Paper:

Onco-functional outcome after resection for eloquent glioblastoma (GLIOFO): a propensity-score matched analysis of an international, multicentre, cohort study, Jasper Gerritsen (The Netherlands)

Both winners were awarded €5000 and were invited to present their pioneering research during the **EANS2024 Congress in Sofia, Bulgaria**, where they had the opportunity to share their findings with the broader neurosurgical community.

Shortlisted Candidates 2025

The shortlisted candidates were invited to attend the EANS Research Course held on 3 May in Catania, Italy. During the course, they presented their research work, engaging with peers and mentors in a dynamic learning environment.

In total, 36 applications were accepted and the EANS Research Committee meticulously evaluated each application to select the most impactful and innovative contributions.

Best Laboratory Research Paper:

Inferring histology-associated gene expression gradients in spatial transcriptomic studies, **Jan Kueckelhaus (Germany)**

Personalized Medicine for Meningiomas: Drug Screening on Tumor Organoids Exposes Therapeutic Vulnerabilities to HDAC1/2i Panobinostat, **Gerhard Jungwirth (Germany)**

Mapping naturally presented T cell antigens in medulloblastoma based on integrative multi-omics, **Julia Velz (Switzerland)**

Best Clinical Research Paper:

Transforaminal versus posterior lumbar interbody fusion for symptomatic single-level spondylolisthesis (LIFT): a multicentre controlled, patient blinded, randomised non-inferiority trial, **Inge Caelers (The Netherlands)**

Localized Nicardipine Release Implants for Prevention of Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Randomized Clinical Trial, **Lars Wessels (Germany)**

A prospective pilot study of gut microbiome in cerebral vasospasm and delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage, **Tomasz Klepinowski (Poland)**

At the conclusion of the EANS Research Course, the EANS Research Committee convened to deliberate and select the final winners for each category:

Best Laboratory Paper:

Inferring histology-associated gene expression gradients in spatial transcriptomic studies, **Jan Kueckelhaus (Germany)**

Best Clinical Paper:

Localized Nicardipine Release Implants for Prevention of Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Randomized Clinical Trial, **Lars Wessels (Germany)**

Both winners were awarded €5000 and were invited to receive the award during the **EANS2025 Congress in Vienna, Austria.**

Webinars

EANS webinars

04.06.2024 at 17:00 CEST (11:00 AM Boston time)

EANS President in collaboration with the Vascular Section and Harvard Medical School

HARVARD MEDICAL SCHOOL

Endovascular Fellowships in the USA

Invited Speakers

Host & Moderator
Torstein R. Meling
 EANS President
 Interested in learning more about neuro-endovascular fellowship training in the US? Join the webinar!
 Register

Phaedra Kelly, MD
 Director, Endovascular and Operative Neurovascular Surgery
 BIDMC Brain Aneurysm Institute, Professor of Neurosurgery, Harvard Medical School

Paul Teitelbaum
 Co-Director Brain Aneurysm Institute Surgical Co-Director Comprehensive Stroke Center, Associate Professor, Harvard Medical School, Beth Israel Deaconess Medical Center

Marco Lanzillo
 Chair, EANS Vascular Section

Nikolay Yeliseyev
 Director, EANS Hands-On Courses

During 2024 and 2025, the EANS organised a total of 186 webinars with the objective of educating the global neurosurgical community. The EANS involved all its Sections and Task Forces to contribute and become part of the continuous efforts to deliver top-quality education to physicians, trainees, and medical personnel worldwide. Announcements of the upcoming webinars are usually launched on Wednesdays or Thursdays at 5 pm CET/CEST and can be found on the EANS website.

The booking and preparation process for each webinar are handled by the assigned coordinator and overseen by the respective Section/Committee/Task Force Chair.

To maximise participation, each webinar is widely promoted through various EANS communication channels, including the website, newsletter, and social media platforms. These efforts result in gathering a range of 50 to 300 participants per webinar.

EANS Webinars (until September 2025)

Section of Skull Base Surgery – **26 webinars**

Section of CSF – **25 webinars**

Section of Spinal Neurosurgery – **22 webinars**

Section of Neurotrauma – **18 webinars**

Section of Vascular Neurosurgery – **16 webinars**

Section of Peripheral Nerve Surgery – **14 webinars**

Young Neurosurgeons' Committee – **13 webinars**

ETIN Task Force – **12 webinars**

Section of Pediatric Neurosurgery – **12 webinars**

Section of Functional Neurosurgery – **9 webinars**

Section of Neuro-Oncology – **9 webinars**

Global & Humanitarian Committee – **5 webinar**

IM Committee – **2 webinars**

Section of Radiosurgery – **1 webinar**

Diversity Committee – **1 webinar**

Research Committee – **1 webinar**

Where the activity is coming from....

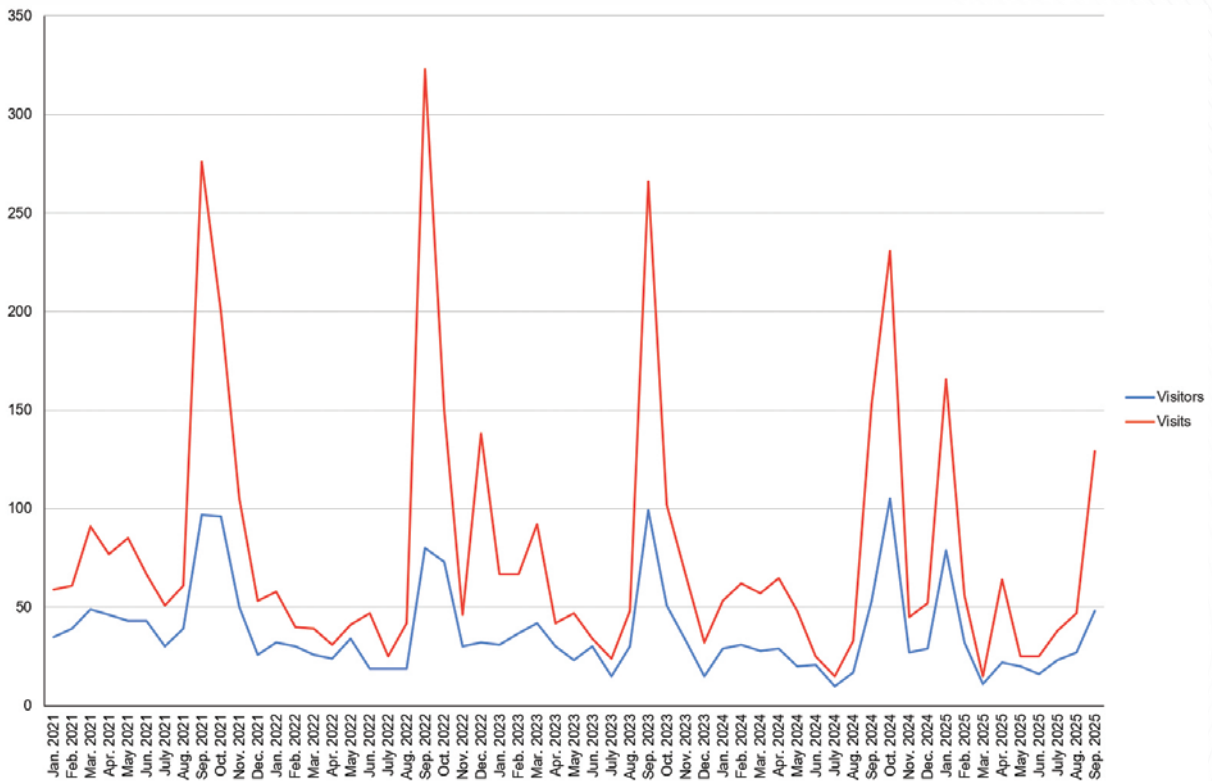
...total of 186 webinars so far

- > The booking and preparation are managed by the assigned coordinator & supervised by the Section/Committee/Task Force Chair.
- > Each webinar is widely promoted via all EANS communication channels and attracts an audience of around 50 to 300 participants
- > All webinars are recorded for subsequent upload to the EANS website
- > Best performing webinars have gathered approximately 1000 views on the EANS YouTube channel within roughly one year following the live event

EANS Academy

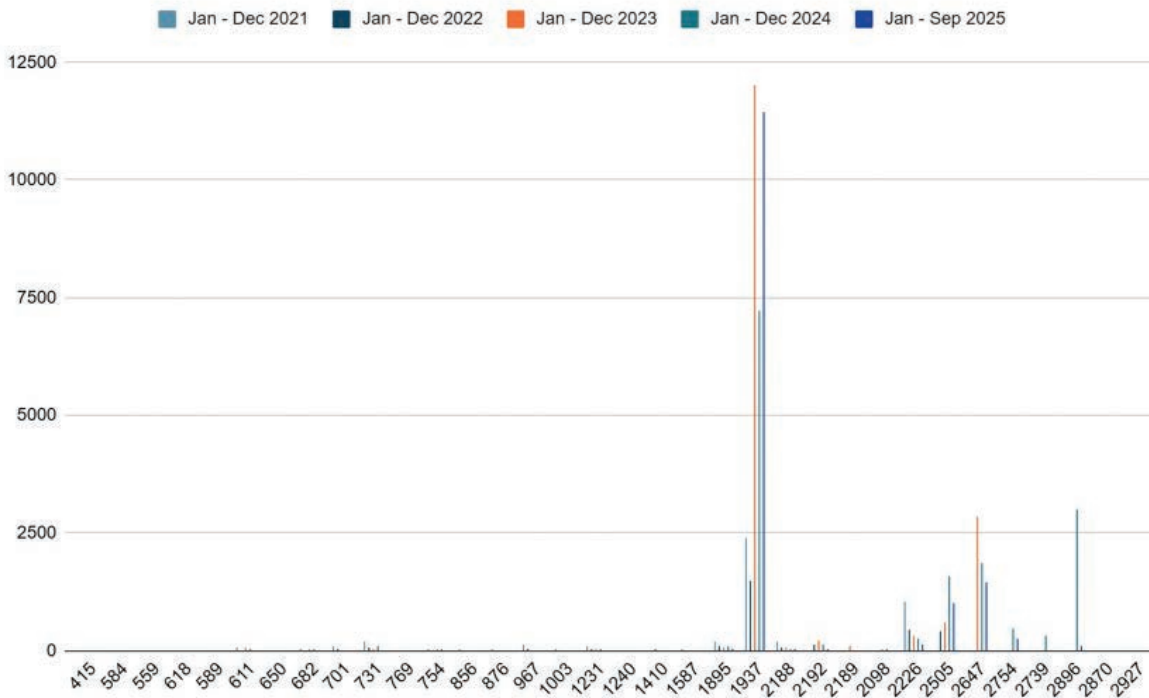


You can visit the EANS Academy via the official EANS Website
<https://academy.eans.org>

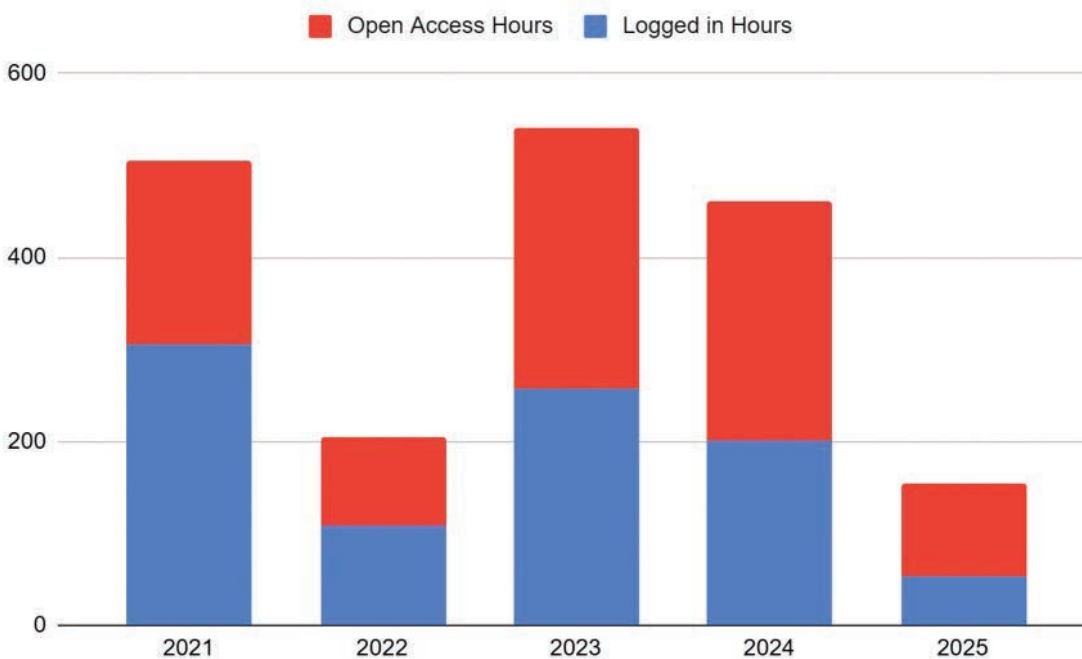




Event Visits from 2021 until September 2025



Hours of content watched per annum



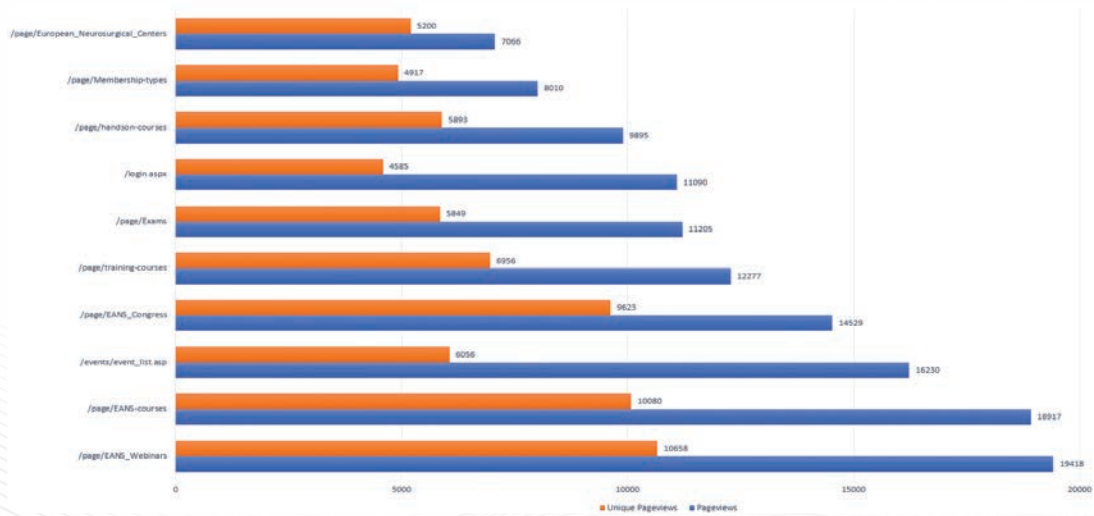
Signed in Users hours 2024 = 200.99 hours.
 Public content hours- Open Access (no login required) 2024: 259.29 hours.
 Signed in Users hours 2025 = 53.57 hours.
 Public content hours- Open Access (no login required) 2025: 101.62 hours.

Website (eans.org)



Total Visitors 2024-2025	260,892
Average	412

Page Previews

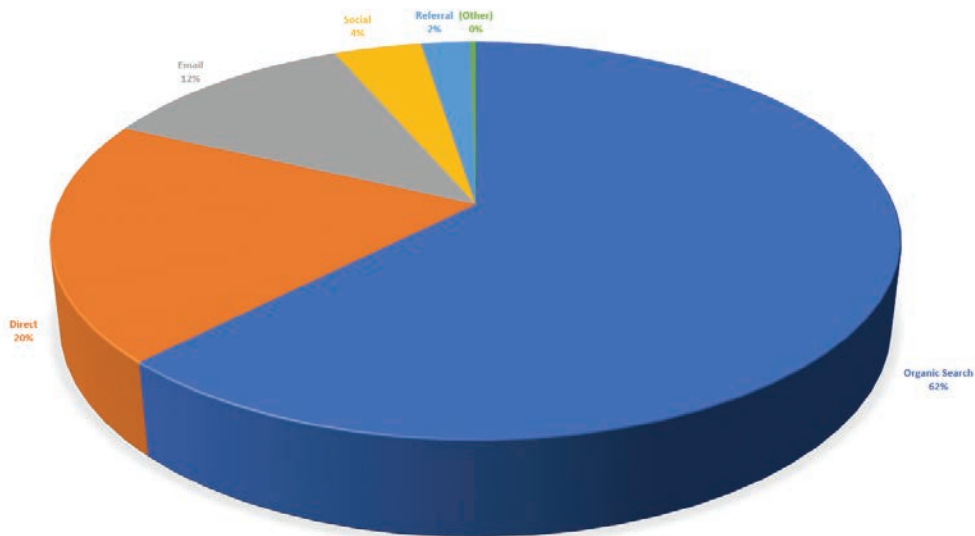




Visitors by Country

Germany	12868	10,31%
United Kingdom	10215	8,19%
United States	9333	7,48%
Italy	7179	5,75%
Turkiye	4928	3,95%
India	4233	3,39%
Switzerland	3751	3,01%
Spain	3594	2,88%
France	3079	2,47%
Greece	2834	2,27%
Netherlands	2731	2,19%
Canada	2658	2,13%
Belgium	2568	2,06%

Romania	2520	2,02%
Ireland	2514	2,01%
Australia	2487	1,99%
Austria	2486	1,99%
Poland	2366	1,90%
Bulgaria	2121	1,70%
Sweden	1652	1,32%
Portugal	1609	1,29%
New Zealand	1540	1,23%
Brazil	1453	1,16%
Saudi Arabia	1338	1,07%
Russia	1285	1,03%
Others		25,20%




Visitors by Country

Social Media

EANSonline

Active Social Media



Get Social with #EANSonline!

7.2K <i>Followers</i>	2.6K <i>Followers</i>	13.7K <i>Followers</i>	4.5K <i>Followers</i>	5.26K <i>Subscribers</i>
Facebook	X	LinkedIn	Instagram	Youtube
<i>Facebook is preferred from people for fun and entertainment activities.</i>	<i>Offers instant and short updates.</i>	<i>Social media tool for professionals. Our neurosurgical community is very much engaged with our posts.</i>	<i>More popular to youngsters. Images are the main tool and stories are a powerful promotional tool.</i>	<i>We get a lot attention and traffic to our channel through our successful webinars.</i>

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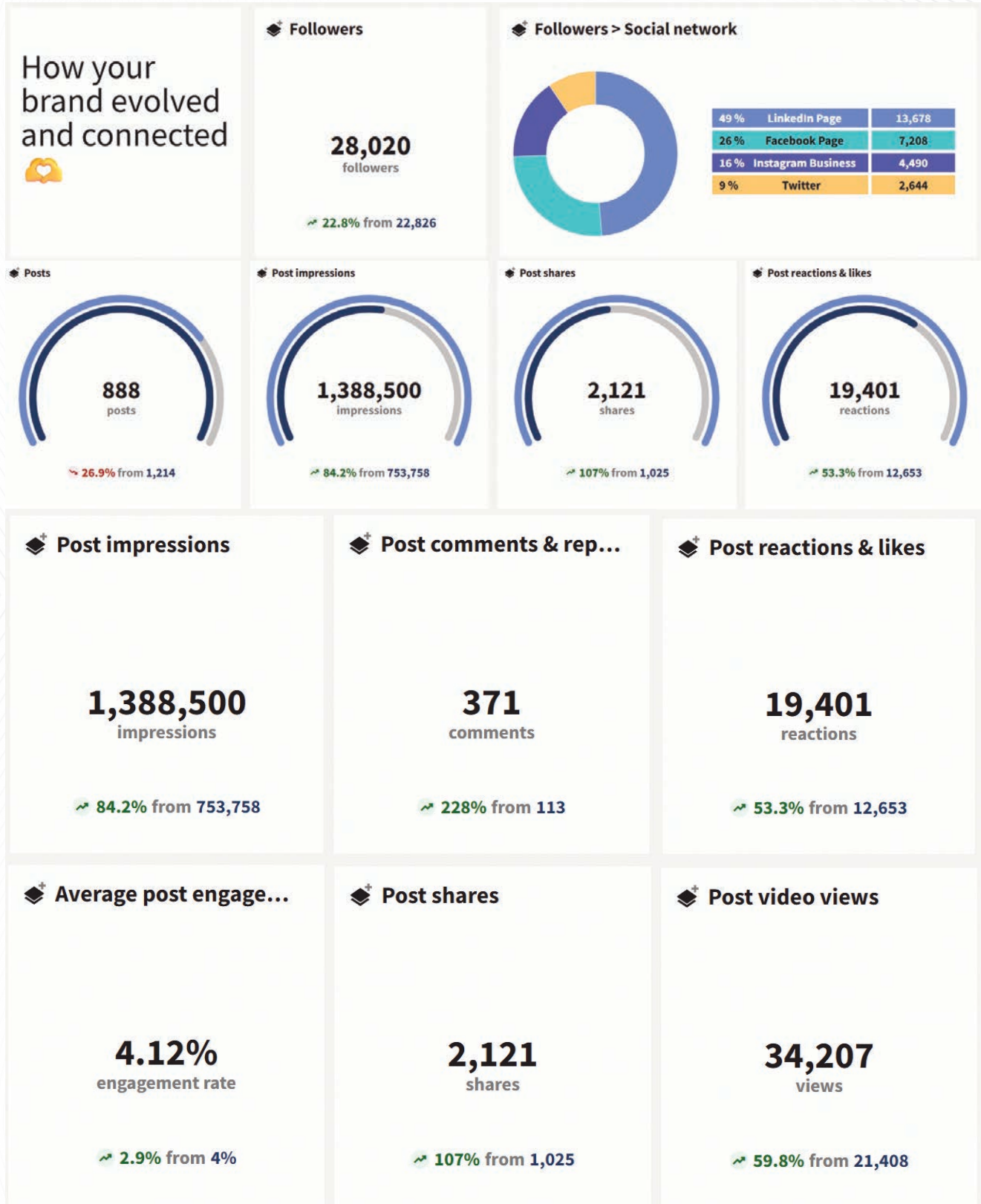


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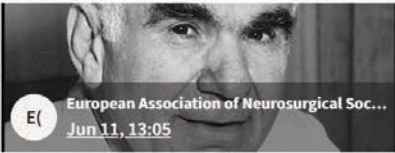


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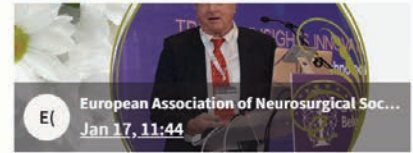
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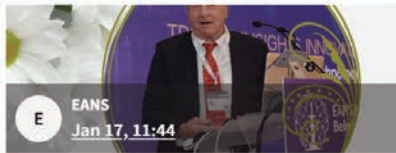
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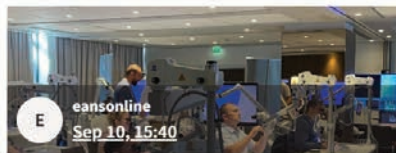
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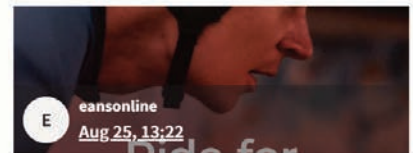
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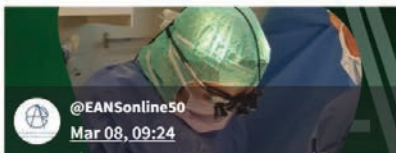
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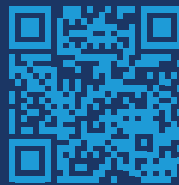
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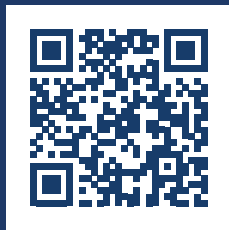


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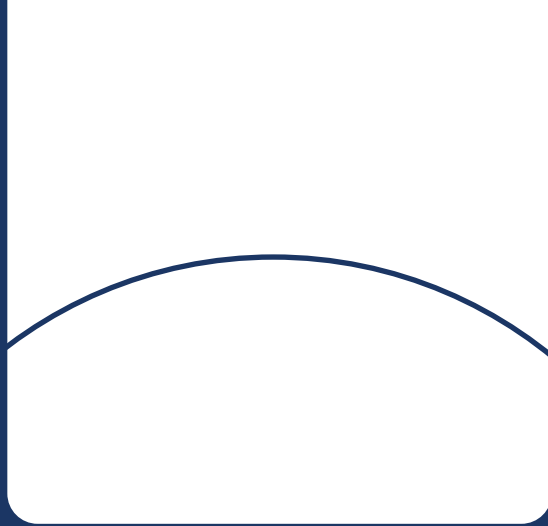


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