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CME Credits

The 38th Panhellenic Congress of the Hellenic Neurosurgical Society & 18th Annual Neurosurgery Nurses Meeting, Thessaloniki, Greece, 12/06/2025-15/06/2025 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 24,5 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™.

Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/eam-credit-participation-internationalactivities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

WELCOME ADDRESS

Dear Colleagues and friends,

On behalf of the Hellenic Neurosurgical Society, I would like to warmly welcome you to the **38th Panhellenic Congress and Joint Meeting with the Czech Neurosurgical Society**, which will take place at the Makedonia Palace, in Thessaloniki, Greece, from the **12th until the 15th of June 2025**.

The scientific program will present all aspects of modern Neurosurgery and Neurosciences. Furthermore, round table discussions on various hot topics will provide a platform to exchange opinions on the current trends in neurosurgical techniques and advances, in a friendly atmosphere. Early morning sessions will focus on skull base anatomy and approaches, giving the opportunity to our residents and young Neurosurgeons to learn, discuss and debate different aspects of surgical planning issues and common clinical problems.

Leading experts in the field of Neurosurgery from Czech, Bulgaria, Turkey, Italy, Switzerland, Germany, Cyprus and Greece will contribute to the exchange of knowledge and skills. The 18th Annual Neurosurgery Nurses Meeting will run in parallel with the congress sessions, as every year, giving our colleagues the opportunity to share sessions with our daily collaborators.

This year's congress takes place in Thessaloniki, a metropolis with an intense history, exquisite gastronomy, and friendly people, and not somewhere far away or inaccessible. If you want to sense the vibes of Thessaloniki, you are literally two steps away.

The exhibition area will host a number of major national and international companies of neurosurgical equipment who will aim to present the ultimate updates in neurosurgical product development.

Overall, our Panhellenic congress presents the ideal opportunity to connect and to share knowledge with colleagues from all over Europe, enhance our skills set, and, most importantly, improve patient care.

I welcome you all to Thessaloniki, to strengthen our relations and advance Neurosurgery.

Moschos K. Fratzoglou

President of the Hellenic Neurosurgical Society



COMMITTEES

Organizing Committee

Moschos Fratzoglou Spyridon Voulgaris Aristeidis Prassas Theofilos S. Paleologos Stefanos Korfias Parmenion Tsitsopoulos Georgios Alexiou Vasileios Panagiotopoulos Konstantinos Fountas Themistoklis Papasilekas

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C. Grigoriadis
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G. Alexiou

S. Korfias

K. Kouzounias
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Organization



HELLENIC NEUROSURGICAL SOCIETY 15 Maiandrou Str., 11528, Athens T: +30 210 7255459 hnss@otenet.gr • hnss1966@gmail.com

Secretariat



CONCO MEETINGS AND EVENTS 35, Sorou Str., Maroussi 15125, Athens, Greece, T+30 210 6109991 E info@concopco.com W www.concopco.com

Annual Neurosurgery Nurses Meeting

WELCOME ADDRESS

Dear Colleagues,

It is with great honor and joy that I welcome you to the 18th Scientific Meeting - Workshop of Neurosurgical Nurses, hosted this year in the beautiful city of Thessaloniki on June 13, 2025, as part of the 38th Annual Panhellenic Neurosurgical Congress.

This Meeting-Workshop has become an institution, and this year it transitions from adolescence to adulthood! Now in its 18th year, it serves as a valuable opportunity for exchanging knowledge, experiences, and best practices that reinforce the pivotal role of nurses in the neurosurgical field.

In an era of constant advancements in medical science and technology, continuous education and professional collaboration are essential for delivering high-quality, patient-centered care.

Thessaloniki, a city with a rich history, vibrant present and hopeful future, uniquely blends its Byzantine heritage with its modern urban identity. Here, where every step brings you closer to a monument, a taste, a smile, we have the chance to merge our scientific knowledge with the inspiration this vibrant cultural hub offers.

The "Bride of the Thermaic Gulf" - a city of students, youth, arts, and gastronomy - welcomes us with its renowned hospitality and open heart. We hope that during the congress you will find not only opportunities for scientific dialogue and collaboration but also moments of relaxation and enjoyment in the alleys of the Upper Town, at the White Tower, along the seaside promenade, and through the aromas of its traditional flavors.

In a time of ongoing challenges and developments in healthcare -particularly in the demanding field of neurosurgery - continuous training, the exchange of experience, and the strengthening of our professional bonds are indispensable.

We sincerely thank you for your presence and contribution.

We wish everyone a successful congress, rich in knowledge and inspiration - and of course, beautiful moments in the welcoming city of Thessaloniki.

Zika Giolanta

President of the 18th Annual Neurosurgery Nurses Meeting





COMMITTEES

Organizing Committee

President

Giolanta Zika

Members

N. Boutsikaki

A. Chatzantonaki

M. Donti V. Drosou

C. Exarchos

M. Fotiadou

I. Galatianou

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G. Giovanoudi

K. Kaiva

V. Kampatski

K. Karakostas

A. Katsarou

L. Kostoula

E. Kotidi

A. Mitsiou

V. Nikolaidis

K. Papadimitriou

D. Papadimopoulos

A. Papadopoulou

G. Papantoniou

I. Sapountzis

C. Stagopoulou

I. Stefanidis

E. Strakoula

C. Stouka

A. Tsochandari

P. Vasileiou

L. Vlachodimitropoulou

A. Xenopoulou

M. Zotou

Honorable Committee

G. Fyseki

I. Koutelekos

G. Ntavoni

E. Pantelidou





Scientific PROGRAM

SCIENTIFIC PROGRAM

Thursday, 12 June 2025

13:30 - 14:00 🕥

Registrations

14:00 - 15:00 🕥

Young Neurosurgeons Session - Literature Update

Chairs: E. Antoniades, A. Zigouris

Update on pituitary surgery

A. Malli

Indications and complications following vertebroplasty and kyphoplasty $% \left(1\right) =\left(1\right) \left(1\right) \left($

M. Tzika

Update on cerebral revascularization

P. Varoutis

Discussion

15:00 - 15:45 🕥

Young Neurosurgeons Session - Cases Discussion on Brain metastatic disease

Presenters: C. Anagnostopoulos, E. Kogias

15:45 - 17:00 (>)

E-Poster Session

Chairs: G. Fotakopoulos, V. Tsitouras

PP 01

AGE-RELATED CORRELATIONS IN A SINGLE-CENTER NEUROSURGICAL REGISTRY FOR TRAUMATIC BRAIN INJURY

Vavoulis G.¹, Tsitlakidis A.^{1,2}, Almasarwah B.¹, Rados K.¹, Nikolaou E.¹, Vogiatzoglou T.¹, Diakogeorgiou A.¹, Mylonakis I.¹, Karagianni A.¹, Vlachos K.¹ Department of Neurosurgery, KAT Attica General Hospital, Kifisia, Greece ² First Department of Neurosurgery, AHEPA University Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece

PP 02

ANTIBIOTIC PROPHYLAXIS IN ELECTIVE SPINAL OPERATIONS AND POST-OPERATIVE INFECTIONS: A 2-YEAR RETROSPECTIVE STUDY OF A SINGLE CENTER

Sakellaridou M.E., Simoglaki E., Georgiou T., Georgoulaki V., Gkalonakis J., A. Katsikas A., Barkas K., Leventis A., Papanikolaou P.G., Paleologos T.S. Neurosurgical Department, General Hospital of Nikea - Piraeus, 'Agios Panteleimon', Nikea, Athens, Greece

PP 03

AQUEDUCT STENT PLACEMENT: OUR MICROSCOPIC AND ENDOSCOPIC EXPERIENCE

 $\underline{\textbf{Papakonstantinou K.}}, \textbf{Karydakis P., Manakis A., Ladoukakis A., Georgoulis G., Georgakoulias N.}$

Neurosurgical Department, Athens General Hospital "Georgios Gennimatas", Athens, Greece



Thursday, 12 June 2025

PP 04

DIFFERENTIAL TARGET MULTIPLEXED (DTM) STIMULATION IN VIRGIN BACK PATIENTS WITH REFRACTORY BACK PAIN: A 3-YEAR SINGLE-CENTER EXPERIENCE

Matis G.

Department of Stereotactic and Functional Neurosurgery, University Cologne Hospital, Cologne, Germany

PP 05

EPIDEMIOLOGY OF INTRACRANIAL TUMORS IN IOANNINA, GREECE (2003-2023)

Romeo E., Gkampenis A., Bagiorgas P., Kafritsas G., Louloudaki M., Lampros M., Sotiropoulos A., Michos E., Zigouris A., Pachatouridis D., Alexiou G.A., Voulgaris S. Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece.

PP 06

INTRAOPERATIVE NEUROPHYSIOLOGICAL MONITORING FOR INTRAMEDULLARY SPINAL CORD TUMORS

<u>Lani E.</u>, Politis A.A., Zemperligkos P., Kalyvas A., Boviatsis E.J., Stavrinou L. 2nd Department of Neurosurgery, "Attikon" University General Hospital, Athens Medical School, National and Kapodistrian University, Athens, Greece

PP 07

MICROSURGICAL ANATOMY OF THE CINGULATE GYRUS AND REVIEW OF ITS FUNCTION

<u>Dimopoulos D.</u>^{1,2}, Charalampopoulou E.^{1,2}, Anastasopoulos L.^{1,2}, Stavrinou L.^{2,3}, Troupis T.⁴, Stranjalis. G.^{1,2}

- ¹ 1st Department of Neurosurgery, National and Kapodistrian University of Athens, "Evangelismos" GH, Athens, Greece
- ² Athens Microneurosurgery Laboratory, National and Kapodistrian University of Athens, Athens, Greece
- ³ 2nd Department of Neurosurgery, National and Kapodistrian University of Athens, "Attikon" University GH, Athens, Greece
- ⁴Department of Anatomy, National and Kapodistrian University of Athens, Athens, Greece

PP 08

PAINFUL BONE MARROW EDEMA OF THE KNEE. COULD THIS SYMPTOM INDICATE THE EXISTENCE OF AN OBTURATOR NERVE SCHWANNOMA?

Birbilis Th., <u>Siasios J.</u>, Antoniou G., Spiridopoulos E., Mavridis J. Department of Neurosurgery, University Hospital of Alexandroupolis, Alexandroupolis, Greece

PP 09

SAFETY AND FEASIBILITY OF TRANSCRANIAL EXTRADURAL ANTERIOR CLINOIDECTOMY IN EARLY CONSULTANT PRACTICE: A SINGLE-CENTER RETROSPECTIVE STUDY

Boukas A.

Department of Neurosurgery, Oxford University Hospitals NHS Foundation Trust

SCIENTIFIC PROGRAM

Thursday, 12 June 2025

PP 10 WITHDRAWN

PP 11

CHARACTERISATION OF TMELOW GBM: INSIGHTS INTO GENE EXPRESSION AND THERAPEUTIC VULNERABILITIES

Murphy S.¹, Dabour M.¹, White K.¹, Prehn J.¹, O'Brien D.², Mazarakis N.², T. Byrne A.^{1,3}, Connor K.^{1,4}

- ¹ Department of Physiology and Medical Physics, Royal College of Surgeons in Ireland, York Street, Dublin
- ² Department of Neurosurgery, Beaumont Hospital, Dublin
- ³ UCD School of Biomolecular and Biomedical Science, UCD Conway Institute, University College Dublin, Belfield, Dublin
- ⁴ Discipline of Physiology, School of Medicine, Trinity College Dublin, Dublin

PP 12

THE LONG-TERM FUNCTIONAL OUTCOMES OF PATIENTS FOLLOWING A TRAUMATIC BRAIN INJURY

Teixeira L^{1,2}, AlOmairi J.¹, Abrar S.^{3,4} Nolan D.², Corr P.², <u>Murphy S.</u>^{1,2}, Mazarakis N.^{1,2}, Moran, C.²

- ¹ School of Medicine, RCSI University of Medicine and Health Sciences, Dublin, Ireland.
- ² Neurosurgery Department, Beaumont Hospital, Dublin, Ireland
- ³ University College Cork
- ⁴ Cork University Hospital

PP 13

THERANOSTICS FOR GLIOMA TREATMENT. CONSTRUCTION OF A NOVEL BIOCONJUGATE

Fotou E.¹, Giannakopoulou M.², Bajwa D.E.³, Moussis V.¹, Bouziotis P.³, Tzitiridou P.², Kyritsis A.P.², Voulgaris S.².⁴, <u>Alexiou G.</u>².⁴, Tzakos A.¹

- ¹ Section of Organic Chemistry and Biochemistry, Department of Chemistry, University of Ioannina, Ioannina, Greece
- ² Neurosurgical Institute, University of Ioannina, Ioannina, Greece
- ³ Institute of Nuclear @ Radiological Sciences @ Technology, Energy @ Safety, National Center for Scientific Research "Demokritos", Athens, Greece
- ⁴ Department of Neurosurgery, University of Ioannina, Ioannina, Greece

PP 14

PERCUTANEOUS ABLATION WITH A BIPOLAR RADIOFREQUENCY SYSTEM (B RFA) COMBINED WITH VERTEBROPLASTY AND RADIOTHERAPY: A RETROSPECTIVE STUDY OF 40 PATIENTS WITH SPINAL METASTASES IN THE CONTEXT OF OLIGOMETASTATIC DISEASE

Theologou M.¹, Christidoulou V.¹, Nestoridis A.¹, Petsatodis E.², Makri D.², Kosmoliaptsis P.², Kostantinidis I.¹, Syrmos N.¹, **Grigoriadis C.**¹

- ¹ Neurosurgery Department G. H. G. Papanikolaou
- ² Radiology Department, G. H. G. Papanikolaou





Thursday, 12 June 2025

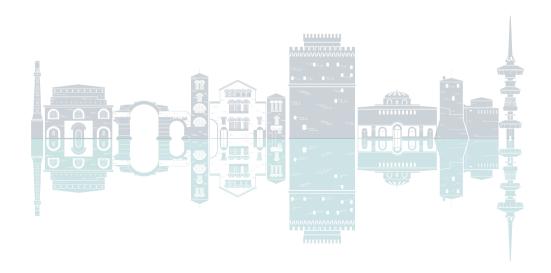
PP 15 WITHDRAWN

PP 16SURGICAL EXCISION OF PILOCYTIC ASTROCYTOMAS OF THE BRAINSTEM: PRESENTATION OF CASES

Papakonstantinou K., Karydakis P., <u>Dravopoulos I.</u>, Tsangaris C., Manakis A., Theodoropoulos S., Paidakakos N., Georgakoulias N. Neurosurgical Department, Athens General Hospital 'Georgios Gennimatas', Athens, Greece

17:00 - 17:30 🕥

Coffee Break



SCIENTIFIC PROGRAM

Thursday, 12 June 2025



Oral Presentations

Chairs: P. Sarlis, I. Siasios

OP 01

THE STRATEGIC VALUE OF EDUCATION AND AWARENESS IN NEUROMODULATION: A MULTI-STAKEHOLDER PERSPECTIVE

Matis G.

Department of Stereotactic and Functional Neurosurgery, University Cologne Hospital, Cologne, Germany

OP 02

SPHENOPALATINE GANGLION (SPG) STIMULATION IN PATIENTS WITH CLUSTER HEADACHE AND ATYPICAL FACIAL PAIN: A FOLLOW-UP OF 7 YEARS

Matis G

Department of Stereotactic and Functional Neurosurgery, University Cologne Hospital, Cologne, Germany

OP 03

BLOOD GLUCOSE LEVELS AND NEUTROPHILE TO LYMPHOCYTE RATIO (NLR) ADD VALUE IN THE DIAGNOSIS AND CLASSIFICATION OF PATIENTS WITH MILD TRAUMATIC BRAIN INJURY

Lampros M., Alexiou G.A., Voulgaris S.

Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece.

OP 04

NEUROPHOBIA AMONGST MEDICAL STUDENTS: HYPE OR REALITY

Murphy S.M.¹, Carey E.², Dablouk L.³, Alomairi J.⁴, Ong B.S.Q.⁵, Gupta K.⁴, Sharma R.⁴, McCracken O.⁴, Mazarakis N.^{4,6}, O'Brien D.¹

- ¹ Beaumont Hospital, Dublin, Ireland
- ² University College Dublin, Dublin, Ireland
- ³ Cork University Hospital, Cork, Ireland
- ⁴ School of Medicine, Royal College of Surgeons Ireland, Dublin, Ireland
- ⁵ School of Medicine, University of Galway, Galway, Ireland
- ⁶ Department of Neurosurgery, University Hospital Sussex, UK

OP 05

SERUM LACTATE DEHYDROGENASE AS A PROGNOSTIC FACTOR FOR POOR NEUROLOGICAL OUTCOMES IN TBI PATIENTS: A 2-YEAR RETROSPECTIVE STUDY OF A SINGLE CENTER

<u>Sakellaridou M.E.</u>, Simoglaki E., Georgiou T., Georgoulaki V., Georgountzos G., Georgalis P., Papadopoulos-Manolarakis P., Fratzoglou M., Papanikolaou P.G. Neurosurgical Department, General Hospital of Nikea - Piraeus, 'Agios Panteleimon', Nikea, Athens, Greece



Thursday, 12 June 2025

OP 06 CARE-AI (CAUDA EQUINA SYNDROME RISK EVALUATION ARTIFICIAL INTELLIGENCE): A NOVEL AI MODEL FOR PREDICTING SURGICAL NECESSITY IN SUSPECTED CAUDA EQUINA SYNDROME WITHOUT MRI: PHASE 2 MULTI-CENTRE STUDY

Tolias C.S.¹, Kagias I.G.¹, Zlatanos C.G.², Pasku D.², Mazarakis N.K.^{1,3}

- ¹ Department of Neurosurgery, University Hospitals Sussex, Brighton BN2 5BE, UK
- ² Centre for Spinal Studies and Surgery, Queen's Medical Centre, Nottingham
- ³ Royal College of Surgeons in Ireland, School of Medicine, DO2 YN77 Dublin, Ireland

18:30 - 19:00

Kevnote Lecture

Chair: P. Tsitsopoulos

Update on Randomized Controlled Trials for Traumatic Brain Injury A. Kolias

19:00 - 19:15 (

Update on EANS

K. Fountas

Update on WFNS

G. Alexiou

Update on the Hellenic Neurosurgery Journal

G. Alexiou

19:15 - 20:30

Opening Ceremony

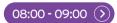
Invited Lecture

Which aneurysms are indicated for clipping today M. Sameš

15

SCIENTIFIC PROGRAM

Friday, **13 June** 2025



Oral Presentations

Chairs: D. Charitos, S. Plakas

OP 07UNCOVERING STRUCTURAL AND FUNCTIONAL INTERACTIONS BETWEEN THE PLIS DE PASSAGE AND THE SOMATO-COGNITIVE ACTION NETWORK

Skandalakis P. G.¹, Viganò L², Neudorfer C.^{3,4,5}, Rossi M.⁶, Fornia L², Cerri G.², Kinsman P. K.¹, Bajouri Z.¹, Tavakkoli D.A.⁷, Koutsarnakis C.⁸, Lani E.⁸, Komaitis S.⁸, Stranjalis G.⁸, Zadeh G.⁹, Barrios-Martinez J.¹⁰, Yeh F.-C.¹⁰, Serletis D.^{11,12,13}, Kogan M.¹⁴, Hadjipanayis G.C.¹⁵, Hong J.¹, Simmons N.¹, Gordon E.¹⁶, Dosenbach N.U.F.^{17,18,19}, Horn A.^{3,4,5}, Bello L.²⁰, Evans T.L.¹, <u>Kalyvas A.8</u> ^{8,9}

- ¹ Section of Neurosurgery, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA
- ² MoCA Laboratory, Department of Medical Biotechnology and Translational Medicine, University of Milan, IRCCS Galeazzi Sant'Ambrogio, Milan, Italy
- ³ Center for Brain Circuit Therapeutics, Department of Neurology, Brigham & Women's Hospital, Harvard Medical School, Boston, MA, USA
- ⁴ MGH Neurosurgery © Center for Neurotechnology and Neurorecovery (CNTR) at MGH Neurology, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA
 ⁵ Movement Disorder and Neuromodulation Unit, Department of Neurology, Charité -
- Universitätsmedizin Berlin, Berlin, Germany
 ⁶ Neurosurgical Oncology Unit, Department of Medical Biotechnology and Translational Medicine, University of Milan, IRCCS Galeazzi Sant'Ambrogio, Milan, Italy
- ⁷ Geisel School of Medicine, Dartmouth College, Hanover, NH, USA
- ⁸ Department of Neurosurgery, National and Kapodistrian University of Athens, School of Medicine. Athens. Greece
- ⁹ Division of Neurosurgery, Department of Surgery, University of Toronto, Toronto, Ontario,
- ¹⁰ Department of Neurological Surgery, University of Pittsburgh, Pittsburgh, PA, USA
- ¹¹ Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, Cleveland, OH, USA
- ¹² Cleveland Clinic Epilepsy Center, Cleveland Clinic Foundation, Cleveland, OH, USA
- ¹³ Department of Neurosurgery, Cleveland Clinic Foundation, Cleveland, OH, USA
- ¹⁴ Department of Neurosurgery, University of New Mexico Hospital, Albuquerque, NM, USA
- ¹⁵ Department of Neurosurgery, University of Pittsburgh Medical Center, Pittsburgh, PA, USA
- ¹⁶ Mallinckrodt Institute of Radiology, Washington University School of Medicine, St. Louis, MO, USA
- ¹⁷ Department of Neurology, Washington University School of Medicine, St. Louis, MO, USA
- ¹⁸ Department of Psychological and Brain Sciences, Washington University in St. Louis,
- St. Louis, MO, USA
- ¹⁹ Department of Pediatrics, Washington University School of Medicine, St. Louis, MO, USA
- ²⁰ Neurosurgical Oncology Unit, Department of Oncology and Haemato-Oncology, University of Milan, IRCCS Galeazzi Sant'Ambrogio, Milan, Italy



Friday, **13 June** 2025

OP 08

Will be presented in Oral Presentations Session of Saturday with the code OP 27B

OP 09

WHITE MATTER ANATOMY OF THE MEDIAL SURFACE OF THE BRAIN: A FIBER DISSECTION STUDY

<u>Dimopoulos D.</u>^{1,2}, Charalampopoulou E.^{1,2}, Anastasopoulos L.^{1,2}, Stavrinou L.^{2,3}, Troupis T.⁴, Stranjalis. G.^{1,2}

^{11st} Department of Neurosurgery, National and Kapodistrian University of Athens, "Evangelismos" GH, Athens, Greece

² Athens Microneurosurgery Laboratory, National and Kapodistrian University of Athens, Athens, Greece

³ 2nd Department of Neurosurgery, National and Kapodistrian University of Athens, "Attikon" University GH, Athens, Greece

⁴ Department of Anatomy, National and Kapodistrian University of Athens, Athens, Greece

OP 10

SYLVIAN FISSURE (SF) OPENING. THE ART OF THE NEUROSURGERY. ANATOMY TIPS AND TECHNIQAL DETAILS. VIDEO DEMONSTRATION

Mpairamidis E.

Neurosurgical Department, Vostaneio General Hospital of Lesvos Island, Greece

OP 11

THE ANTERIOR PETROSECTOMY (KAWASE APPROACH) AND THE RETROSIGMOID INTRADURAL SUPRAMEATAL APPROACH (RISA) FOR TUMORS OF THE PETROUS APEX

Stavrinou P. 1,2, Apostolakis S.1, Haliasos N.1

¹ Neurosurgical Department, Metropolitan Hospital, Athens, Greece

² Neurosurgical Department, University Hospital of Cologne, Germany

09:00 - 10:15 🕥

Cranial Approaches to the Supratentorial Region

Chairs: K. Faropoulos, M. Fratzoglou

Pterional Approach

T. Papasilekas

Interhemispheric Approach

E. Mpairamidis

Third ventricle

C. Gkolemis

Subtemporal Approach

S. Plakas

Discussion

SCIENTIFIC PROGRAM

Friday, **13 June** 2025

10:15 - 10:45 🕥

Coffee Break

10:45 - 12:00 🕥

Skull Base Session

Chairs: E. Boviatsis, P. Stavrinou

Endoscope assisted transorbital approach

V. Xenaki

Supraorbital craniotomy and keyhole approach

M. Fratzoglou

Endoscopic endonasal resection of complex skull base tumors - concepts, challenges, and navigation along the sagittal and coronal planes

A. Kalyvas

Transpetrosal approaches in neurosurgery: use, indications and interdisciplinary cooperation

R. Kroupa

Discussion

12:00 - 12:45 🕥

Challenging Pituitary tumors. An interactive debate between Neurosurgeons and Endocrinologists

Presenter: N. Foroglou

Panel: A. Kolias, K. Kotsa, O. Koulouri, D. Netuka, P. Stavrinou

12:45 - 13:15 🕥

Satellite Lecture (see page 51)

Enhancing Hydrocephalus Management: Benefits of M.blue® Gravitational Valves Combined with M.scio® for Non-Invasive Intracranial Pressure Measurement, Optimized Patient Care, and Reduced Revision-Related Costs

O. Bradáč

13:15 - 14:00 🕥

Light Lunch

Friday, **13 June** 2025

14:00 - 15:15 🕥

Pathologies of the Craniovertebral Junction

Chairs: D. Bouramas, A. Spiliotopoulos

Intradural tumors - Surgical considerations

L. Stavrinou

Management strategies of rheumatoid Involvement

N. Paidakakos

latrogenic Instability. Etiology and surgical treatment

K. Barkas

Cases Discussion

D. Bouramas

15:15 - 16:30 🕥

Spine Degenerative Disease

Chairs: E. Karakosta, K. Paterakis

Stand-alone cage for three- and four-level anterior cervical discectomy

S. Voulgaris

Endoscopic surgery in lumbar degenerative disease

C. Constantovannis

Recurrent Lumbar disc herniation. Predisposing factors and management

S. Korfias

Clinical applications of machine learning in spine practice

A. Prassas

Discussion

16:30 - 17:00

Satellite Lecture (see page 51)

Exoscopes in Neurosurgery - A 6 year experience with the ORBEYE exoscope

J. Regelsberger

17:00 - 17:30 (

Coffee Break

SCIENTIFIC PROGRAM

Friday, **13 June** 2025



Oral Presentations

Chairs: C. Chrissikopoulos, E. Kambouridis

OP 12

NEUROENDOSCOPIC APPROACH FOR THE TREATMENT OF PURELY INTRAVENTRICULAR CRANIOPHARYNGIOMAS: VIDEO PRESENTATION

<u>Papakonstantinou K.</u>, Dravopoulos I., Papadimitriou G., Gkolemis C., Georgoulis G. Neurosurgical Department, Athens General Hospital 'Georgios Gennimatas', Athens, Greece

OP 13ENDOSCOPIC THIRD VENTRICULOSTOMY AND CHOROID PLEXUS CAUTERIZATION IN CHILDREN WITH HYDROCEPHALUS

<u>Kenanoglou E.</u>, Sotiroudis G., Monioudis P., Antoniades E., Tsitouras V., Tsitsopoulos P.P, Magras J.

Department of Neurosurgery, Hippokration General Hospital, Aristotle University of Thessaloniki, Greece

OP 14ENDOSCOPIC MANAGEMENT OF RATHKE'S CLEFT CYSTS: SUPPORTING SIMPLE FENESTRATION AS A PRIMARY STRATEGY

Millesi M.^{1,2}, Lau R.^{1,3}, Mete O.⁴, Ezzat S.⁵, Zadeh G.^{1,6}, Kalyvas A.^{1,7}

- ¹ Department of Neurosurgery, University of Toronto, Toronto, Ontario, Canada
- ² Department of Neurosurgery, University of Vienna, Vienna, Austria
- ³ Department of Neurosurgery, Rovira i Virgili University, Tarragona, Spain
- ⁴ Department of Pathology, University of Toronto, Toronto, Ontario, Canada
- ⁵ Department of Endocrinology, University of Toronto, Toronto, Ontario, Canada
- ⁶ Department of Neurosurgery, Mayo Clinic, Rochester, USA
- ⁷ Department of Neurosurgeny, Attikon University Hospital, National and Kapodistrian University of Athens, Athens, Greece

OP 15 INDICATIONS, CLINICAL OUTCOME AND COMPLICATIONS AFTER ENDOSCOPIC THIRD VENTRICULOSTOMY: A RETROSPECTIVE COHORT STUDY

Kogias E., <u>Kavouridis V.</u>, Feretos G., Tzikas A., Drosos C., Amanatidou E., Pagkou D., Tzika M., Foroglou N.

Department of Neurosurgery, AHEPA University Hospital, Aristotle University School of Medicine, Thessaloniki



Friday, **13** June 2025

OP 16

OPTIMIZED SELLAR RECONSTRUCTION STRATEGY FOR ENDOSCOPIC ENDONASAL APPROACHES: EXPERIENCE OF TERTIARY CENTER IN GREECE

Katsikas A.1, <u>Gkalonakis I.</u>1, Georgountzos G.1, Rados G.1, Balakera C.2, Paleologos T.S.1, Barkas K.1

- ¹ Department of Neurosurgery, General Hospital of Nikaia- Piraeus "Agios Panteleimon", Athens, Greece,
- ² Departement of Anesthesiology, General Hospital of Nikaia- Piraeus "Agios Panteleimon", Athens, Greece

OP 17

ENDOSCOPIC VERSUS MINI-OPEN DECOMPRESSION OF CARPAL CANAL

Zitek H., Humhej I., Lodin J., Sameš M.

Department of Neurosurgery, Purkinje University, Masaryk Hospital, Usti nad Labem, Czech Republic

18:30 - 18:50 (>)

Special Lecture

Chair: T.S. Paleologos

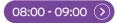
Spontaneous intracranial hypotension - Etiology and treatment $\mathsf{M}.\ \mathsf{Same}\check{\mathsf{s}}$

19:30 - 21:00 🕥

General Assembly - Elections

SCIENTIFIC PROGRAM

Saturday, 14 June 2025



Oral Presentations - Spine

Chairs: E. Papadopoulos, M. Spyrou

OP 18

IT'S TIME TO CHANGE THE STRATEGY OF THE SPINE SURGERIES

Spyrou M., Spyrou A.

Blue Cross Medical Center, Private Hospital. Pafos, Cyprus

OP 19

RECOVERY OF PATIENTS OPERATED ON FOR CERVICAL DISC HERNIATION - SMOKING AS A RISK FACTOR

Kostić A.^{1,2}, I. Ilić J.¹, Stojanović N.¹, Marković A.¹, Unuković J.¹, Jocić H.¹, Ilić M.²

¹ Department for Neurosurgery, University Clinical Center Nis, Nis, Serbia

² Faculty of Medicine. University of Nis. Nis. Serbia

OP 20

LONG-TERM SURGICAL OUTCOMES OF CERVICAL MYELOPATHY: A SINGLE-CENTER, TEN-YEAR RETROSPECTIVE REVIEW

<u>Papadimitriou G.</u>, Ladoukakis A., Karydakis P., Papakonstantinou K., Paidakakos N., Valadakis V.

Neurosurgical Department, General Hospital of Athens "G. Gennimatas", Athens, Greece

OP 21

COMPARING THE PREDICTIVE VALUE OF MRI-DERIVED VERTEBRAL AND ENDPLATE BONE QUALITY SCORES FOR CAGE SUBSIDENCE FOLLOWING ANTERIOR CERVICAL DISCECTOMY AND FUSION

<u>Lubbad O.</u>1, Mahmood W.1, Lubbad L.2, Hagos A.1, Murphy S.3,4, Mazarakis N.5,6

- ¹ Brighton and Sussex Medical School, Brighton, United Kingdom
- ² Royal College of Surgeons in Ireland Medical School, Busaiteen, Bahrain
- ³ Department of Surgery, Royal College of Surgeons Ireland, Dublin, Ireland
- ⁴ Department of Neurosurgery, Beaumont Hospital, Dublin, Ireland
- ⁵ Royal Sussex County Hospital department of neurosurgery, Brighton, United Kingdom
- ⁶ Royal College of Surgeons in Ireland Medical School, Dublin, Ireland

OP 22

SPINE SURGICAL CHALLENGES IN EHLERS-DANLOS SYNDROME: A CASE REPORT

Katsikas A., Sakellaridou M.E., <u>Charalampous-Georgoulakos I.</u>, Simoglaki E., Lavdas I., Papadopoulos-Manolarakis P., Papanikolaou P.G.

Department of Neurosurgery, General Hospital Of Nikaia - Piraeus 'Agios Panteleimon', Athens, Greece



Saturday, 14 June 2025

OP 23

THE IMPORTANCE OF CONTROLLED NECK POSITIONING FOR THE CERVICAL MYELOPATHIC PATIENT: A PRELIMINARY INTRAOPERATIVE NEUROPHYSIOLOGICAL STUDY

<u>Sinha P.</u>1, Elzahed N.1, Javed S.1, Spence H.2, Poole J.2, Carter P.2, Forster A.2, Murphy S.3.4, Mazarakis N.K.1.4

- ¹ Department of Neurosurgery, Royal Sussex County Hospital, Brighton, UK
- ² Inomed Neurocare Ltd, London, W6 ONB, UK
- ³ Department of Neurosurgery, Royal College of Surgeons Ireland, Dublin, Ireland
- ⁴ School of Medicine, Royal College of Surgeons Ireland, Dublin, Ireland

09:00 - 10:00 🕥

Traumatic Brain Injury. Neurosurgeons vs. Neurointensivists

Chairs: E. Mouloudi, P. Papanikolaou

Air vac transportation of neurosurgical patients: Safety & Logistics $\mathsf{C}. \ \mathsf{Tzerefos}$

Weaning from mechanical ventilation

S. Soundoulounaki

Predicting the future of Traumatic Brain Injury management T.S. Paleologos

Discussion

10:00 - 10:30 🕥

Special Lectures

Chair: V. Panagiotopoulos

Hemangioblastoma and VHL, Current management

M. Smrčka

Clinical Improvement after Shunt Surgery in Patients with Idiopathic Normal Pressure Hydrocephalus Can Be Quantified by Diffusion Tensor Imaging

O. Bradáč

10:30 - 11:00

Coffee Break

SCIENTIFIC PROGRAM

Saturday, 14 June 2025

11:00 - 12:15 🕥

Brain Tumors

Chairs: K. Marinos, I. Nikolaidis

Intraoperative flow cytometry for brain tumors. Present and future

Treatment Strategies for Glioblastoma in the Elderly

P. Krůpa

Long term experience with navigated ultrasound

MC. Bartoš

Long term follow-up in pituitary adenomas treated with iMRI

D. Netuka

Discussion

12:15 - 13:00 🕥

Challenging Spine tumors. A debate on clinical cases

Presenters: D. Bouramas, P. Tsitsopoulos

Panel: D. Bouramas, J. Magras, N. Paidakakos, A. Prassas, M. Sameš, H. Zitek

13:00 - 14:00 (>)

Satellite Symposium (see page 51)

Advances in Neuromodulation

E.J. Boviatsis

14:00 - 14:30

Light Lunch

14:30 - 16:00 (>)

Vascular Neurosurgery. A Global perspective

Chairs: A. Andreou, N. Foroglou

Brain arteriovenous malformations Grade 3. Where do we stand? N. Foroglou

Surgical treatment of brainstem cavernomas

A. Andreou

Surgical treatment of intracranial aneurysms in Africa. A personal experience ${\bf x}$

A. Petridis

 ${\it Management of giant/complex MCA aneurysms. A hybrid's view}$

G. Bavinzski

Spinal cord arteriovenous malformations. Surgical or endovascular treatment?

V. Panagiotopoulos

Discussion



Saturday, 14 June 2025

16:00 - 17:00 🕥

Pediatric Cerebrospinal Fluid Disorders

Chairs: C. Chamilos, A. Tsitlakidis

CSF pathophysiology. New concepts and clinical implications S. Constantini

Surgical considerations for VP shunt in the premature child I. Mavridis

Salvage ventriculoperitoneal shunt options

V. Tsitouras

Discussion

17:00 - 17:30 🕥

Coffee Break

17:30 - 18:30 🕥

Thoracolumbar Spine Trauma

Chairs: A. Bimpis, C. Gogos

Decision and management planning in neurologically intact patients with thoracolumbar burst fractures

N. Mazarakis

Complications associated with percutaneous instrumentation A. Brotis

Neuroplasticity and biomedical engineering in neural rehabilitation

A. Athanasiou

Discussion

18:30 - 19:30

Oral Presentations - Vascular

Chairs: S. Banos, K. Tsoleka

CISTERNAL LAVAGE THERAPY AS A TREATMENT OPTION FOR DELAYED CEREBRAL ISCHEMIA IN ANEURYSMAL SUBARACHNOID HEMORRHAGE

Fistouris P.¹,², Scheiwe C.², Grauvogel J.², Csok I.², Beck J.², Reinacher P.², Roelz R.²

¹ Department of Neurosurgery, Clemenshospital Muenster, Academic Hospital of University of Muenster, Germany

² Department of Neurosurgery, Medical Center - University of Freiburg, Faculty of Medicine, University of Freiburg, Germany

SCIENTIFIC PROGRAM

Saturday, 14 June 2025

OP 25

POROUS POLYETHYLENE CRANIOPLASTY IN HIGH-RISK PATIENTS FOR SURGICAL SITE INFECTION: A SINGLE-CENTER PROSPECTIVE OBSERVATIONAL STUDY

Mracek J.1, Seidl M.2, Dostal J.1, Kasik P.1, Holeckova I.1, Priban V.1

¹ Department of Neurosurgery, Faculty of Medicine in Pilsen, Charles University; Faculty Hospital Pilsen, Pilsen, Czech Republic

² Department of Neurosurgery, Faculty of Medicine, University of Ostrava; University Hospital Ostrava. Ostrava. Czech Republic

OP 26

ENDOVASCULAR TREATMENT IN THE FLOW DIVERTER ERA. A RETROSPECTIVE, COMPARATIVE STUDY ON UNRUPTURED ANEURYSM TREATMENT

Charitos D.1, Georgis P-A.1, <u>Chrissicopoulos C.</u>1, Plakas S.^{1,2}, Andreou A.¹

¹ 2nd Neurosurgical and Interventional Neuroradiology Department, Hygeia Hospital, Athens, Greece,

² 417 N.I.M.T.S. Army and Equity Fund Hospital, Athens, Greece

OP 27 WITHDRAWN

OP 27B

REVISITING THE TELOVELAR APPROACH FOR LESIONS OF THE MESIAL PART OF THE CEREBELLAR PEDUNCLES BY USING THE CEREBELLAR FUNCTIONAL NETWORKS TO GUIDE SURGICAL PRACTICE

Politis A.¹, Lani E.¹, Zemperligkos P.¹, Kalyvas A.^{1,2}, Papadopoulos E.¹, Banos S.¹, Savvanis G.¹, Ydreos I.¹, Gavra M.³, Boviatsis E.¹, Stavrinou L.¹

Second Department of Neurosurgery, National and Kapodistrian University, Athens Medical School, "Attikon" University Hospital, Athens, Greece

² Division of Neurosurgery, Department of Surgery, Temetry Faculty of Medicine, University of Toronto, Toronto, Canada

³ Department of CT and MRI Imaging, "Agia Sofia" Hospital, Athens, Greece

Sunday, **15 June** 2025



Oral Presentations - Oncology

Chairs: I. Georgiadis, M. Lamprou

OP 28

NEUROENDOSCOPIC BIOPSY OF INTRAVENTRICULAR AND SKULL BASE LESIONS: RESULTS FROM A SINGLE CENTER

<u>Gkantsinikoudis N.</u>, Sotiroudis G., Keffes N., Antoniades E., Tsitouras V., Tsitsopoulos P.P., Magras I.

Second Department of Neurosurgery, Ippokratio General Hospital, Aristotle University School of Medicine, Thessaloniki, Greece

OP 29

TARGETED GLIOBLASTOMA TREATMENT: DEVELOPMENT OF A NOVEL MULTIFUNCTIONAL PEPTIDE-BASED THERAGNOSTIC AGENT

Bika C.G.¹, Bajwa D.E.², Giannakopoulou M.³, Tzitiridou P.³, Zoi V.³, Fotopoulos A.D.³, Kyritsis A.P.³, <u>Alexiou G.A.</u>³, Voulgaris S.³,4, Bouziotis P.², Tzakos A.¹

¹ University of Ioannina, Department of Chemistry, Section of Organic Chemistry and Biochemistry, Ioannina, GR-45110, Greece

² Institute of Nuclear and ⊕ Radiological Sciences and ⊕ Technology, Energy and ⊕ Safety, National Center for Scientific Research "Demokritos", Athens, Greece

³ Neurosurgical Institute, University of Ioannina, Ioannina, Greece

⁴ Department of Neurosurgery, University of Ioannina, Ioannina, Greece

OP 30

DIAGNOSTIC YIELD OF FRAME-BASED VS FRAMELESS NAVIGATION-GUIDED BRAIN BIOPSIES: A SINGLE CENTER RETROSPECTIVE CONTROLLED STUDY

<u>Kavouridis V.</u>, Kogias E., Feretos G., Drosos C., Christoglou P., Tzikas A., Amanatidou E., Pagkou D., Tzika M., Foroglou N.

Department of Neurosurgery, AHEPA University Hospital, Aristotle University School of Medicine, Thessaloniki

OP 31

PROPHYLAXIS WITH NIMODIPINE AND DEXAMETHASONE AS A PREVENTION OF DELAYED FACIAL NERVE PALSY FOLLOWING VESTIBULAR SCHWANNOMA RESECTION

Vokálek F.

Department of Neurosurgery, Masaryk Hospital, Usti nad Labem, Czech Republic

OP 32

DEDICATED NF2 CENTRES IN THE UNITED KINGDOM - LESSONS LEARNT. APPLICABILITY TO THE GREEK NATIONAL HEALTH SYSTEM?

Boukas A.1. Barkas, K.2

- ¹ Department of Neurosurgery, Oxford University Hospitals NHS Foundation Trust, UK
- ² Department of Neurosurgery, Nikaia General Hospital, Greece

SCIENTIFIC PROGRAM

Sunday, **15 June** 2025

10:00 - 10:45 🕥

Tumors and tumor-like lesions

Moderators: G. Kalostos, A. Prassas

Guidelines for cerebral metastases

E. Kogias

Surgical treatment of cavernous malformations

G. Fotakopoulos

Discussion

10:45 - 11:15 🕥

Coffee Break

11:15 - 12:15 (>)

Vascular - Ischemic stroke

Chairs: G. Fragkos, T. Papasilekas

Endovascular treatment of stroke

M Mantatzis

Surgery for stroke prevention

M. Sameš

Simultaneous Carotid Endarterectomy and Coronary Bypass - Institutional experience

V. Priban

Discussion

12:15 - 12:45 🕥

Closing Lecture

Chair: M. Fratzoglou

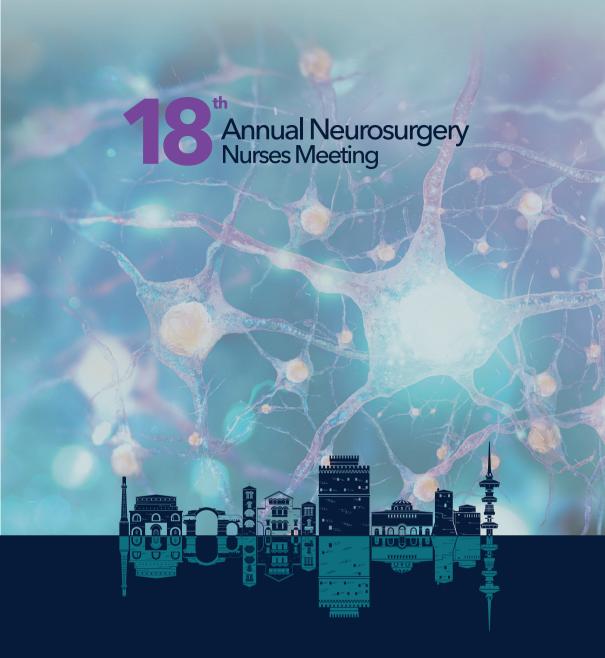
Where is European neurosurgery going?

A. Demetriades

12:45 - 13:30

Congress Summary and Closing Remarks

M. Fratzoglou and the Hellenic Neurosurgical Society Board



Scientific PROGRAM

Annual Neurosurgery Nurses Meeting

SCIENTIFIC PROGRAM

Friday, 13 June 2025

08:00 - 08:15 🕥

Welcome Address

M. Fratzoglou, Hellenic Neurosurgical Society President

08:15-09:00 🕥

Session 1

Chairs: M. Zotou. A. Katsarou

08:15 - 08:30

ONP 01

SELECTION CRITERIA, TRAINING PROGRAM AND EVALUATION OF THE CLINICAL TRAINER IN THE OPERATING THEATER

Zika G., Alexiou G., Voulgaris S.

Neurosurgery Department, University Hospital of Ioannina, Greece

08:30 - 08:45

OPN 02

THE ROLE OF THE CLINICAL INSTRUCTOR IN THE NEUROSURGICAL THEATER AND THE IMPORTANCE OF HIS PRESENCE ON ALL SHIFTS

Vasileiou P., Zika G., Alexiou G., Voulgaris S.

Neurosurgery Department, University Hospital of Ioannina, Greece

08:45 - 09:00

OPN 03

ETHICAL DILEMMAS IN NEUROSURGICAL CASES WITHOUT LIFE EXPECTANCY

Xenopoulou A.

Neurosurgery Clinic, Papageorgiou General Hospital, Thessaloniki, Greece

09:00 - 09:15 🕥

Session 2

Chairs: P. Vasileiou, L. Vlachodimitropoulou

OPN 04

THE PLACE OF THERAPY ANIMALS IN SURGICAL PATIENT TREATMENT. OUR DEPARTMENT'S EXPERIENCE

Galatianou I., Sakellaridou M. E., Peraki K., Paleologos T.S.

Neurosurgery Clinic, General Hospital of Nikaia Agios Panteleimon, Athens, Greece

09:15-10:30

Greek Operating Room Nurses Association (GORNA) Round Table

Chairs: I. Koutelekos, K. Karakostas

09:15 - 09:30 Perioperative nurse care in spinal tumors. Historical review of spinal tumors

G. Zika

09:30 - 09:45 Instrumentation management strategy for spine and spinal cord tumors

I. Stefanidis

09:45 - 10:00 Postoperative monitoring of patients with spinal cord tumors

K. Karakostas

10:00 -10:15 **OPN 05**

HISTORY AND EVOLUTION OF GLASGOW COMA SCALE

Danidou E.

Department of Neurosurgery, 424 General Military Teaching Hospital, Thessaloniki, Greece

Discussion





Friday, **13 June** 2025

10:30 - 11:00





Special Lecture

Chairs: G. Zika, G. Papantoniou

BIOMARKERS FOR PREDICTING THE OCCURRENCE OF COAGULATION IN TRAUMATIC BRAIN INJURY

Vlachodimitropoulou L.¹, Zika G.², Kalogirou E.¹, Lampros M.¹, Alexiou G.A.¹, Voulgaris S.1

- ¹ Neurosurgical Department, Ioannina University Hospital, Ioannina, Greece
- ² Nursing Administration Ioannina University Hospital, Ioannina, Greece

11:15 - 12:30

Session 3

Chairs: G. Fyseki, I. Galatianou

11:15 - 11:30

OPN 07

THE IMPORTANCE OF THE NORMAL FUNCTIONING OF THE DIGESTIVE SYSTEM IN NEUROSURGICAL PATIENTS: OUR DEPARTMENT'S EXPERIENCE

Tsochantari A., Sakellaridou M. E., Marra A., Stigka S., Galatianou I. Department of Neurosurgery, General Hospital of Nikaia Agios Panteleimon, Athens, Greece

11:30 - 11:45

OPN 08

NURSING CARE OF A PATIENT WITH LUMBAR DRAINAGE OF CEREBROSPINAL FLUID: OUR DEPARTMENT EXPERIENCE

Papadopoulou A., Sakellaridou M. E., Tsochantari A., Kalfadimos P., Valasi E., Galatianou I.

Department of Neurosurgery, General Hospital of Nikaia Agios Panteleimon, Athens, Greece

11:45 - 12:00

OPN 09PREVENTION OF DEEP VEIN THROMBOSIS OF THE LOWER EXTREMITIES IN PATIENTS AT NEUROSURGICAL CLINIC

Karamatsouki E., Pappas S., Drosou V.

Department of Neurosurgery, University Hospital of Thessaly, Larissa, Greece

12:00 - 12:15

OPN 10

PRE-SURGICAL AND POST-SURGICAL NURSING CARE IN PATIENTS WITH **BRAIN TUMOR**

Karfakis I.¹, Donti M.¹, Stagopoulou C.¹, Exarchos C.², Zika G.³

- ¹ Surgical Nursing Specialty, Ioannina University Hospital, Ioannina, Greece
- ² Substitute Instructor, Ioannina University Hospital, Ioannina, Greece
- ³ Director of Nursina Service, Joannina University Hospital, Joannina, Greece

12:15 - 12:30

OPN 11

PAIN MANAGEMENT IN NEUROSURGICAL PATIENTS: STRATEGIES FOR ITS EFFECTIVE MANAGEMENT, INCLUDING PHARMACEUTICAL AND NON-PHARMACEUTICAL METHODS

Iliopoulou S., Mavridou D., Kazaki M.

Neurosurgery Clinic, AXEPA General Hospital, Thessaloniki, Greece

Discussion

Annual Neurosurgery Nurses Meeting

SCIENTIFIC PROGRAM

Friday, 13 June 2025

| 12:45 - | 14:15 | (\mathfrak{d}) |
|---------|-------|------------------|
| | | |

Session 4

Chairs: E. Pantelidou, M. Fotiadou

12:45 - 13:00 **OPN 12**

MANAGEMENT OF NEUROSURGICAL EMERGENCIES

Giovanoudi G., Kotidi E., Strakoula E., Papadimitriou K.

RN MSc, Central Operating Theatre, Papageorgiou General Hospital Thessaloniki

13:00 - 13:15 Nurse triage training in the Emergency department

K. Kaiva

13:15 - 13:30 **OPN 13**

THE HARMONIOUS NURSE-TECHNOLOGY COLLABORATION IN NEUROSURGICAL PRACTICE

Georgiadis I., Riga S.

General Surgery Department, AHEPA University Hospital, Thessaloniki, Greece

13:45 - 14:00 **OPN 14**

CURRENT DATA AND NURSING INTERVENTIONS RELATED TO THE MANAGEMENT OF MULTIDRUG-RESISTANT BACTERIA (MDRB) IN A NEUROSURGICAL DEPARTMENT

Kostoula L., Fotiadou M., Papadimopoulos D., Exarchos C., Alexiou G.A.,

Zigouris A., Voulgaris S.

Neurosurgical Department, University Hospital of Ioannina, Ioannina, Greece

14:00 - 14:15 **OPN 15**

CURRENT CLINICAL GUIDELINES ON THE MANAGEMENT OF TRAUMATIC BRAIN INJURY IN THE HOSTILE ENVIRONMENT

Mastrokostas A.

Department of Neurosurgery, 424 General Military Teaching Hospital, Thessaloniki, Greece

Discussion

14:30 - 15:00 🕥

Break

15:00 - 16:30 🕥

Session 5

Chairs: A. Xenopoulou, Ch. Exarchos

15:00 - 15:15 **OPN 1**6

THE LEADING BEHAVIOR OF THE SCRUB NURSE AS A PARAMETER OF EFFECTIVE AND QUALITY INTRAOPERATIVE CARE IN NEUROSURGICAL SURGERY

Papantoniou G.1, Kampatski V.1, Stouka Ch.1, Zika G.2

¹ Neurosurgical Clinic, KAT General Hospital, Attica, Greece

² Neurosurgical Department, University Hospital of Joanning, Joanning, Greece

15:15 - 15:30 Stereotactic brain tumor lesion

A. Chatziantonaki





Friday, **13 June** 2025

15:30 - 15:45 **OPN 17**

WITHDRAWN

15:45 - 16:00 **OPN 18**

THE ROLE OF POSTOPERATIVE CARE IN PITUITARY TUMOR SURGERY WITH TRANS-SPHENOIDAL APPROACH

<u>Kampatski V.</u>, Papanastasiou S., Tsalta V., Pappa C., Papantoniou G. Neurosurgery Clinic, KAT General Hospital of Attica, Athens, Greece

16:00 - 16:15 **OPN 19**

THE ROLE OF THE NURSE IN REHABILITATION OF A PATIENT WITH VASCULAR STROKE

Tsodoulou S., Zika G., Exarchos C.

Neurosurgical Department, University Hospital of Ioannina, Ioannina, Greece

Discussion

16:30 - 17:00 🕥

Workshop

G. Alexiou

17:00 - 17:45 🕥

Closing ceremony of the 18th Annual Neurosurgery Nurses Meeting

The 18th Annual Neurosurgery Nurses Meeting has been awarded with 6 credits of continuing nursing education, by the Hellenic Regulatory Body of Nurses (E.N.E.)







E - Posters

E-POSTERS

PP 01

AGE-RELATED CORRELATIONS IN A SINGLE-CENTER NEUROSURGICAL REGISTRY FOR TRAUMATIC BRAIN INJURY

<u>Vavoulis G.</u>¹, Tsitlakidis A.^{1,2}, Almasarwah B.¹, Rados K.¹, Nikolaou E.¹, Vogiatzoglou T.¹, Diakogeorgiou A.¹, Mylonakis I.¹, Karagianni A.¹, Vlachos K.¹

¹ Department of Neurosurgery, KAT Attica General Hospital, Kifisia, Greece

² First Department of Neurosurgery, AHEPA University Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece

PP 02

ANTIBIOTIC PROPHYLAXIS IN ELECTIVE SPINAL OPERATIONS AND POST-OPERATIVE INFECTIONS: A 2-YEAR RETROSPECTIVE STUDY OF A SINGLE CENTER

<u>Sakellaridou M.E.</u>, Simoglaki E., Georgiou T., Georgoulaki V., Gkalonakis J., A. Katsikas A., Barkas K., Leventis A., Papanikolaou P.G., Paleologos T.S.

Neurosurgical Department, General Hospital of Nikea - Piraeus, 'Agios Panteleimon', Nikea, Athens, Greece

PP 03

AQUEDUCT STENT PLACEMENT: OUR MICROSCOPIC AND ENDOSCOPIC EXPERIENCE

<u>Papakonstantinou K.</u>, Karydakis P., Manakis A., Ladoukakis A., Georgoulis G., Georgakoulias N. Neurosurgical Department, Athens General Hospital "Georgios Gennimatas", Athens, Greece

PP 04

DIFFERENTIAL TARGET MULTIPLEXED (DTM) STIMULATION IN VIRGIN BACK PATIENTS WITH REFRACTORY BACK PAIN: A 3-YEAR SINGLE-CENTER EXPERIENCE

Matis G.

Department of Stereotactic and Functional Neurosurgery, University Cologne Hospital, Cologne, Germany

PP 05

EPIDEMIOLOGY OF INTRACRANIAL TUMORS IN IOANNINA, GREECE (2003-2023)

Romeo E., Gkampenis A., Bagiorgas P., Kafritsas G., Louloudaki M., Lampros M., Sotiropoulos A., Michos E., Zigouris A., Pachatouridis D., Alexiou G.A., Voulgaris S.

Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece.

PP 06

INTRAOPERATIVE NEUROPHYSIOLOGICAL MONITORING FOR INTRAMEDULLARY SPINAL CORD TUMORS

Lani E.1, Politis A.A.1, Zemperligkos P.1, Kalyvas A.1, Boviatsis E.J.1, Stavrinou L.1

¹ 2nd Department of Neurosurgery, "Attikon" University General Hospital, Athens Medical School, National and Kapodistrian University, Athens, Greece

PP 07

MICROSURGICAL ANATOMY OF THE CINGULATE GYRUS AND REVIEW OF ITS FUNCTION

Dimopoulos D.^{1,2}, Charalampopoulou E.^{1,2}, Anastasopoulos L.^{1,2}, Stavrinou L.^{2,3}, Troupis T.⁴, Stranjalis, G.^{1,2}

- ¹ 1st Department of Neurosurgery, National and Kapodistrian University of Athens, "Evangelismos" GH, Athens, Greece
- ² Athens Microneurosurgery Laboratory, National and Kapodistrian University of Athens, Athens, Greece
- ³ 2nd Department of Neurosurgery, National and Kapodistrian University of Athens, "Attikon" University GH, Athens, Greece
- ⁴ Department of Anatomy, National and Kapodistrian University of Athens, Athens, Greece

Annual Neurosurgery Nurses Meeting



E-POSTERS

PP 08

PAINFUL BONE MARROW EDEMA OF THE KNEE. COULD THIS SYMPTOM INDICATE THE EXISTENCE OF AN OBTURATOR NERVE SCHWANNOMA?

Birbilis Th., <u>Siasios J.</u>, Antoniou G., Spiridopoulos E., Mavridis J.

Department of Neurosurgery, University Hospital of Alexandroupolis, Alexandroupolis, Greece

PP 09

SAFETY AND FEASIBILITY OF TRANSCRANIAL EXTRADURAL ANTERIOR CLINOIDECTOMY IN EARLY CONSULTANT PRACTICE: A SINGLE-CENTER RETROSPECTIVE STUDY

Boukas A.

Department of Neurosurgery, Oxford University Hospitals NHS Foundation Trust

PP 10

WITHDRAWN

PP 11

CHARACTERISATION OF TMELOW GBM: INSIGHTS INTO GENE EXPRESSION AND THERAPEUTIC VULNERABILITIES

Murphy S.1, Dabour M.1, White K.1, Prehn J.1, O'Brien D.2, Mazarakis N.2, T. Byrne A.1,3, Connor K.1,4

- Department of Physiology and Medical Physics, Royal College of Surgeons in Ireland, York Street, Dublin
- ² Department of Neurosurgery, Beaumont hospital, Dublin
- ³ UCD School of Biomolecular and Biomedical Science, UCD Conway Institute, University College Dublin, Belfield, Dublin
- ⁴ Discipline of Physiology, School of Medicine, Trinity College Dublin, Dublin

PP 12

THE LONG-TERM FUNCTIONAL OUTCOMES OF PATIENTS FOLLOWING A TRAUMATIC BRAIN INJURY

Teixeira L.^{1,2}, AlOmairi J.¹, Abrar S.^{3,4}, Nolan D.², Corr P.², Murphy S.^{1,2}, Mazarakis N.^{1,2}, Moran, C.²

- ¹ School of Medicine, RCSI University of Medicine and Health Sciences, Dublin Ireland.
- ² Neurosurgery department, Beaumont Hospital, Dublin, Ireland
- ³ University College Cork
- ⁴ Cork University Hospital

PP 13

THERANOSTICS FOR GLIOMA TREATMENT. CONSTRUCTION OF A NOVEL BIOCONJUGATE

Fotou E.¹, Giannakopoulou M.², Bajwa D.E.³, Moussis V.¹, Bouziotis P.³, Tzitiridou P.², Kyritsis A.P.², Voulgaris S.², Alexiou G.², Tzakos A.¹

- Section of Organic Chemistry and Biochemistry, Department of Chemistry, University of Ioannina, Ioannina, Greece
- ² Neurosurgical Institute, University of Ioannina, Ioannina, Greece
- ³ Institute of Nuclear @ Radiological Sciences @ Technology, Energy @ Safety, National Center for Scientific Research "Demokritos", Athens, Greece
- ⁴ Department of Neurosurgery, University of Ioannina, Ioannina, Greece

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PERCUTANEOUS ABLATION WITH A BIPOLAR RADIOFREQUENCY SYSTEM (B RFA) COMBINED WITH VERTEBROPLASTY AND RADIOTHERAPY: A RETROSPECTIVE STUDY OF 40 PATIENTS WITH SPINAL METASTASES IN THE CONTEXT OF OLIGOMETASTATIC DISEASE

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<u>Almasarwah B.</u>¹, Mitropoulos A.¹, Gakis C.², Tsitlakidis A.^{1,3}, Vavoulis G.¹, Vogiatzoglou T.¹, Rados K.¹, Nikolaou E.¹, Diakogeorgiou A.¹, Karakosta E.¹, Vlachos K.¹

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- ² Neurosurgery Department, John Radcliffe Hospital, Oxford

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- ² Beaumont Hospital, Dublin, Ireland

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<u>Kyriakidi C.</u>¹, Kelesis Ch.², Chalkia R.³, Tsintzos S.³, Kokkofiti I.¹, Mouroutsos F.¹, Bourtzinos G.², Bimpis A.²

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- ³ E.N.T. Department, Panarkadiko Hospital, Tripolis Greece

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- ¹ Neurosurgery Department G. H. G. Papapnikolaou
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<u>Sfikas S.</u>, Kapetanakis A., Venetikidis A. Department of Neurosurgery, Metropolitan Hospital

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Department of Neurosurgery, University Hospital of Alexandroupolis, Alexandroupolis, Greece

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Department of Neurosurgery, Masaryk Hospital, J. E. Purkyne University Usti Nad Lameb Czech Republic

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Markogiannakis G., Filias P., Anagnostopoulos G.

Neurosurgical Department, General Children's Hospital "Panagioti and Aglaia Kyriakou", Athens, Greece.

SATELLITE LECTURES - SATELLITE SYMPOSIUM

Friday, 13 June 2025

12:45 - 13:15 🕥

Satellite Lecture



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Prof. Ondrej Bradáč

Neurosurgeon, Department of Neurosurgery, Second Medical Faculty, Charles University and Motol University Hospital, Prague, Czech Republic

16:30 - 17:00 (>)

Satellite Lecture



Exoscopes in Neurosurgery - A 6 year experience with the ORBEYE exoscope



Prof. Jan Regelsberger

M.D. Neurosurgeon and Vice Chairman of the Department for Neurosurgery at the University Medical Center in Hamburg-Eppendorf, Germany

Saturday, 14 June 2025

13:00 - 14:00 🕥

Satellite Symposium



Advances in Neuromodulation

Prof. Efsthatios J. Boviatsis, Professor and Chairman of the Neurosurgery Department at the National and Kapodistrian University in Athens



Speakers Chairmen

| Georgios Alexiou | Associate Professor of Neurosurgery, University of Ioannina, Greece | |
|--------------------------|---|--|
| Christos Anagnostopoulos | Consultant Neurosurgeon, Department of Neurosurgery, Korgialenio Benakio, Hellenic Red Cross Hospital, Athens, Greece | |
| Alexandros Andreou | MD, PhD, Director and Head, Department of Neurosurgery and Interventional Neuroradiology, Hygeia Hospital, Athens, Greece | |
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| Stamatios Banos | MD, PhD, Neurosurgeon, Consultant B', 2 nd Department of Neurosurger Attikon University Hospital, Athens, Greece | |
| Konstantinos Barkas | Consultant Neurosurgeon, General Hospital of Nikaia, Athens, Greece | |
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| Ondrej Bradáč | Neurosurgeon, Department of Neurosurgery, Second Medical Faculty, Charles University and Motol University Hospital, Prague, Czech Republic | |
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| Nurse of Neurosurgery, Department, General Hospital of Kavala, Greece | |
| | |



General Information

GENERAL INFORMATION

Oral Presentations (OP) (Neurosurgery Congress)

The duration of each presentation is 10 minutes (8 minutes presentation and 2 minutes for questions/discussion). Times will be strictly maintained.

Oral Presentations (OPN) (Nurses Meeting)

The duration of each presentation is mentioned in the detailed program of the nurses' meeting. Times will be strictly maintained.

E-Posters (PP)

E-posters are the e-version of the printed poster presentations, which will be presented at the exhibition area for the duration of the congress, on laptops, where participants can access them on demand.

QR Codes for congress admission

Each registered participant will receive an e-mail with their personal QR code, in order to attend the scientific program. Each participant will need to scan their QR code upon entrance and exit of the scientific session's halls. Only participants that have received a QR code will be allowed in the congress areas.

Web Lounge - Evaluation

In the Web Lounge area, participants can also complete the electronic evaluation, which is necessary in order to receive the certificate of attendance. The electronic evaluation can also be done on-line, via the congress application.

Certificate of Attendance

Participants will receive their certificate of attendance by e-mail, after the end of the congress, and after having completed the electronic evaluation. Attendance of at least 60% of the scientific program is mandatory in order to receive the certificate of attendance (17 hours).

Presentations Reception Desk

The presentations reception desk will be available for the duration of the congress. Speakers and presenters are requested to deliver their presentation on time, by usb stick, one (1) hour at the latest, before the start of their presentation.





GENERAL INFORMATION

Secretariat working hours

| Thursday | Friday | Saturday | Sunday |
|---------------|---------------|---------------|---------------|
| 12 June 2025 | 13 June 2025 | 14 June 2025 | 15 June 2025 |
| 13:30 - 20:30 | 07:30 - 18:50 | 07:30 - 19:00 | 08:30 - 13:30 |

Halls

| Function | Hall |
|--|----------------------------------|
| Main hall | Alexandros I |
| Parallel hall | Amfitrion I |
| Nurses meeting hall | Amfitrion I |
| Web Lounge - E-Posters - Electronic Evaluation | Foyer Alexandros |
| Exhibition area | Foyer Alexandros & Alexandros II |
| Secretariat | Foyer Alexandros & Alexandros II |
| Presentations Reception Desk | Foyer Alexandros |
| Coffee breaks and lunches | Foyer Alexandros |

GENERAL INFORMATION

Secretariat working hours

The Hellenic Neurosurgical Society has established the below annual awards to enhance research and advance education, mainly for young neurosurgeons. The announcement and awarding of the below commendations is delivered by the president of the Hellenic Neurosurgical Society, after the end of the congress.

"G. Balabanis" Award

This award was established in memory of our young colleague G. Balabanis. It is awarded to the champion of attendance, based exclusively on on-site attendance. 1 top ranked neurosurgical book will be delivered during the closing ceremony. This is a chance for participants to profit the maximum of their attendance. The prize is valued at $750 \, \text{ f}$.

"Zacharias Kapsalakis" Award

This prize is awarded to the best oral presentation of a clinical study or clinical research, presented during the annual congress by a Neurosurgery Resident or young specialist (younger than 45 years). The award will be given after deliberation of the designated award committee, presided by Mr. Konstantinos Fountas (Award Sponsor). The prize is 500 €.

"George Foroglou" Award

The award is presented to the top ranked competitor of the Annual Written Examination organized by the Hellenic Neurosurgical Society during the Annual Congress. The prize of $1.000 \in$ is intended to cover exclusively the participation of the winner in one of the EANS scientific events and is announced during the congress gala dinner.

"Philippos Tsitsopoulos" Award

This award is given to a resident or young specialist (less than one year from the completion of residency) who is practicing in Greece with the best curriculum vitae (education, courses, meetings, conferences, research and publications, teaching activities, other scientific work). The prize of the award is up to 1.000 € and it is intended to cover exclusively the participation in one of the hands-on-courses that are organized or held under the auspices of the Hellenic Neurosurgical Society.

E-Poster Award

One (1) award will be presented to the best e-poster, selected by the congress Scientific Committee. The award will be announced during the congress gala dinner and the award winner will be included in next year's scientific program as speaker.





EXHIBITION FLOORPLAN



ACKNOWLEDGMENTS

The organizing committee and the Board of Directors of the Hellenic Neurosurgical Society would like to warmly thank the sponsors and exhibitors for their support in the organization of the 38th Panhellenic Congress of the Hellenic Neurosurgical Society

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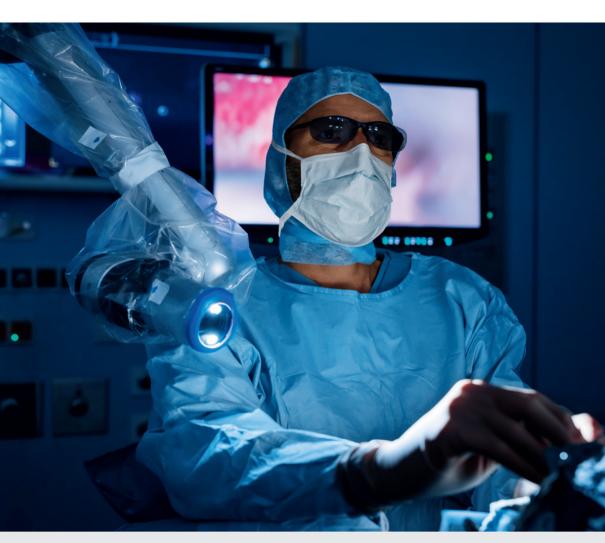






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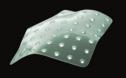


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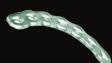
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