

Organizers

Hellenic Neurosurgical Society | Cyprus Neurosurgical Society



June 2021

3-5

GRAND HYATT

ATHENS
GREECE

34th

**ANNUAL CONGRESS
OF THE HELLENIC
NEUROSURGICAL SOCIETY**

AND

JOINT MEETING

WITH THE CYPRUS NEUROSURGICAL SOCIETY

AND

14th

ANNUAL NEUROSURGERY NURSES MEETING

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FINAL PROGRAMME



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CME CREDITS

The 34th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Cyprus Neurosurgical Society & 14th Annual Neurosurgery Nurses Meeting, Athens, Greece, 03/06/2021 – 05/06/2021 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **22** European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

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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.



Dear Colleagues,

On behalf of the Organizing Committee and the board of directors of the Hellenic Neurosurgical Society and the Cyprus Neurosurgical Society, we would like to welcome you to the 34th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Cyprus Neurosurgical Society & 14th Annual Neurosurgery Nurses Meeting, which will take place from the 3rd until the 5th of June 2021 at the Grand Hyatt Hotel in Athens, Greece.

Our congress, which is co-organized with the Cyprus Neurosurgical Society will focus on topics such as neuro i.c.u., spinal tumors and degenerative diseases, brain tumors, supra and infra tentorial approaches, pediatric neuro-oncology, functional neurosurgery, cervical spine trauma, endoscopic skull base approaches, skull base surgery, hydrocephalus, neurovascular, neurotrauma, radiosurgery. There will be sessions dedicated to young neurosurgeons, to new techniques and new technologies. Along with the Greek and Cypriot invited speakers, this year we are honored by the participation with cutting-edge lectures of world-renowned neurosurgeons Jacques Morcos – USA, Juha Hernesniemi – Finland, Sebastien Froelich – France, Lukas Rasulic – Serbia.

An important part of our congress is always the presentation of abstracts from our residents and young specialists from Greece, Cyprus and abroad and there will be sessions dedicated to the presentation of their research and field work. As every year, the 14th Annual Neurosurgery Nurses Meeting will take place in parallel with our congress and will give us the opportunity to exchange opinions and experiences, drawn from our day-to-day work and the challenges each of us face.

The event is hosted in Athens, at the Grand Hyatt Hotel, located on the famous Syngrou Avenue, between the cultural center of the historic city of Athens and the cosmopolitan Athenian Riviera.

We look forward to your presence and active participation.



Konstantinos Vlachos

President
of the Hellenic
Neurosurgical Society



Giannis Ioannou

President
of the Cyprus
Neurosurgical Society

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CYPRUS NEUROSURGICAL SOCIETY

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CONCO Meetings and Events

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Dear Colleagues,

I would like to invite you to the 14th Annual Neurosurgery Nurses Meeting, which will take place on Friday, June 4th, 2021, during the 34th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Cyprus Neurosurgical Society and will follow a hybrid format, in line with the decision of the Hellenic Neurosurgical Society and in compliance with the measures to limit the spread of the COVID-19 and protect the health and safety of participants and faculty.

During our established annual meeting we will discuss and raise our scientific concerns.

With a focus on the patient and particularly the neurosurgical patient and through research, scientific documentation and clinical experience, we will participate in a constructive meeting aimed at exchanging views and interdisciplinary collaboration to provide better quality, and more humane services, so as to be able to reach out and give our patients the proper care.

The scientific program of our meeting will comprise oral presentation of abstracts, round tables and e-posters.

Envisioning the evolution of the nursing field, walking side-by-side with the medical field and the current technological updates, especially in the field of Neurosurgery, the 14th Annual Neurosurgery Nurses Meeting takes its daring launch from the confines of day-to-day work and searches for innovative approaches that will bring together science, research, technology and the everyday difficulties and demands of both the Neurosurgical Department and the nursing care of the neurosurgical patient.

Once more, us nurses not only support our country's health system in a substantial manner, but, rising above our day-to-day challenges, we also move ahead, aim high and highlight at the same time the human nature of nursing science.

I invite all of you to actively participate.

A handwritten signature in blue ink, appearing to read 'Georgia', with a long horizontal stroke extending to the right.

Georgia Papantoniou

President of the Organizing Committee

CHAIR

G. Papantoniou

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Scientific Program

34th Annual Congress
of the Hellenic Neurosurgical Society
&
Joint Meeting with the Cyprus
Neurosurgical Society



Parthenon Hall **Ground Floor**

SESSION

1**08:30****09:30****Young Neurosurgeons
New Technologies – New Techniques**Chairs: **G. Makrygiannakis, M. Fratzoglou**

Open vs endoscopic technique for lumbar discectomy

A. Karagianni

Surgery of falx meningiomas

V. Xenaki

Applied neuroanatomy of the white matter

S. Komaitis

New techniques in management of high grades gliomas

T. Paschalis**Discussion****Oral**

PRESENTATIONS

09:30**10:35****OP 01****CENTRAL NERVOUS SYSTEM (CNS) TUMORS AND MEDIATORS OF
INFLAMMATION, ANGIOGENESIS, APOPTOSIS****Apostolakis S.**¹, Tsitlakidis A.¹, Karagianni A.¹, Almasarwah B.¹,
Mitropoulos A.¹, Venetsanou K.², Vlachos K.¹¹Department of Neurosurgery, KAT General Hospital of Attica, Athens, Greece, ²Research Unit,
KAT General Hospital of Attica, Athens, Greece**OP 02****TELEMETRIC RECORDING OF INTRACRANIAL PRESSURE IN 22
PATIENTS WITH SUSPECTION OF INTRACRANIAL HYPERTENSION****Banos S.**, Korfiatis S., Alexoudi A. K., Vlachakis E., Patrikelis P., Gatzonis
S., Sakas D.E.¹Department of Neurosurgery, National and Kapodistrian University of Athens, "Evangelismos"
General Hospital, Athens, Greece**OP 03****NOSOCOMIAL BLOODSTREAM INFECTIONS WITH A HIGH RATE OF
DRUG-RESISTANT MICROBES IN NEUROSURGERY PATIENTS: A
4-YEAR ANALYSIS****Prokupidis I.**¹, Kokkinakis E.¹, Bartsokas C.², Vakis A.^{1,3}, Bountoutsidis
T.³, Tsitsipanis C.^{1,3}¹School of Medicine, University of Crete, Heraklion, Greece, ²General Surgeon, Athens, Greece,³Neurosurgical Department, University Hospital of Heraklion, Heraklion, Greece

Parthenon Hall Ground Floor

OP 04

PHOTODYNAMIC THERAPY OF DIFFUSE INTRINSIC PONTINE GLIOMA IN COMBINATION WITH RADIATION

Skandalakis G.P., Bouras A., Rivera D. R., Rizea C. D., Jesu Raj J. G., Dominique Bozec D., Hadjipanayis C. G.
Brain Tumor Nanotechnology Laboratory, Department of Neurosurgery, Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, NY, USA

OP 05

WITHDRAWN

OP 06

WITHDRAWN

OP 07

WITHDRAWN

OP 08

WITHDRAWN

10:35
11:00**Coffee Break**

SESSION

2

11:00
12:00**Neuro I.C.U.**Chairs: **S. Stratouli, C. Iasonidou**

Neuromonitoring in acute traumatic brain injury
P. Papanikolaou

Prediction of secondary brain damage in traumatic brain injury
S. Papoti

Ventilation in acute brain injury
A. Tsimogianni

Discussion

SESSION

3

12:00
13:15**Surgery of the Spine - Tumors**Chairs: **N. Paidakakos, S. Lipiridis**

Surgery of the intradural extramedullary spinal tumors
K. Vlachos

Surgical planning in management of intramedullary tumors of the spine
I. Patsalas

Extradural metastatic tumors of the spine
A. Prassas

Discussion

Parthenon Hall Ground Floor

13:15
14:15

Light Lunch

Oral

PRESENTATIONS

14:15
15:15

Chairs: A. Kapetanakis, E. Papadopoulos

OP 09

FIRST EXPERIENCE WITH CLOSED-LOOP SPINAL CORD STIMULATION

Piedade G. S., **Chatzikalfas A.**, Vesper J., Slotty P. J.*Center for Neuromodulation, Clinic for Neurosurgery, University Clinic of Dusseldorf, Germany*

OP 10

THE EFFECT OF MULTI-WAVE PLATFORMS IN THE MODERN SPINAL CORD STIMULATION ERA

Chatzikalfas A., Vesper J., Slotty P. J.*Center for Neuromodulation, Clinic for Neurosurgery, University Clinic of Dusseldorf*

OP 11

CONCEPTUAL APPROACH IN SPINE SURGERY

Spyrou M.^{1,2}, Spyrou A.^{1,2}, Tsianaka E.^{1,2}¹ "Saint George & Blue Cross" Hospital, Pafos, Cyprus, ² Ygia Polyclinic, Limassol, Cyprus

OP 12

PERCUTANEOUS AUGMENTATION PROCEDURES FOR VERTEBRAL FRACTURES: RESULTS IN 75 TREATED PATIENTS

Papadakos D., Theofanopoulos A., Boulrieris S., Constantoyannis C.*Department of Neurosurgery, University Hospital of Patras, Patras, Greece*

OP 13

INTRAOPERATIVE FLOW CYTOMETRY IN SPINAL TUMOR SURGERY. A PILOT STUDY

Metaxas D., Alexiou G., Vartholomatos G., Sotiropoulos A., Nasios A., Skiada D., Voulgaris S.*Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece*

OP 14

NEUTROPHIL TO LYMPHOCYTE RATIO MAY AID THE DECISION FOR CT SCAN IN MINOR HEAD TRAUMA

Alexiou G., Tzima A., Sotiropoulos A., Nasios A., Metaxas D., Zigouris A., Voulgaris S.*Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece*

OP 15

LONG-TERM SEQUELS OF TEMPORAL BONE FRACTURES AND IMPAIRMENT OF QUALITY OF LIFE

Antoniades E.¹, Psillas G.², Foroglou N.¹, Polyzoidis K.¹, Patsalas I.¹¹ First Neurosurgical Clinic University Hospital AHEPA, Thessaloniki, Greece, ² First Otorhinolaryngological Clinic University Hospital AHEPA, Thessaloniki, Greece

Parthenon Hall Ground Floor

Workshop

15:15
16:15**Supra Tentorial Approaches**

Chairs: A. Tasiou, E. Karakosta

Subfrontal approach
K. BarkasPterional approach and sylvian fissure dissection
P. StavrinouSubtemporal approach
J. Hernesniemi**Discussion**

SESSION

4

16:15
17:15**Pediatric Neuro-oncology**

Chairs: I. Patsalas, D. Karabetos

Infratentorial tumors
G. AlexiouAstrocytomas
S. VoulgarisSupratentorial tumors
S. Sgouros**Discussion**17:15
17:45**Coffee Break**

SESSION

5

17:45
19:00**Functional Neurosurgery**

Chairs: K. Fountas, T. Papasilekas

Neuromodulation in personality disorders
N. HaliasosVNS: Indications, techniques, outcome and complications
S. KorfiasMR-targeted management of drug resisted temporal lobe seizures
K. Fountas**Discussion**

Parthenon Hall **Ground Floor**

SESSION

6**19:00****20:00****What's New in Cervical Spine Trauma**Chairs: **A. Prassas, K. Paterakis**

Whiplash injury - Myth or reality

P. Tsitsopoulos

Timing for surgery and surgical approaches for subaxial spine injuries

A. Demetriades

Complications avoidance during surgery for cervical spine trauma

D. Bouramas**Discussion****20:00****Opening Ceremony****Welcome Addresses****Opening Lecture**

EANS 2021: Quo vadis?

A. Demetriades

Parthenon Hall Ground Floor

Oral

PRESENTATIONS

08:00

09:00

Chairs: T. Flaskas, S. Lafazanos

OP 16

ENDOSCOPIC INTRAVENTRICULAR AND TRANSPHENOIDAL APPROACH FOR SUPRASELLAR AND BRAINSTEM EPIDERMOID CYST – VIDEO PRESENTATION**Georgoulis G.**, Paidakakos N., Melissaris S., Charitos D., Georgakoulis N.
Neurosurgery Department, General Hospital of Athens "G. Gennimatas", Athens – Greece

OP 17

ENDOSCOPIC THIRD VENTRICULOSTOMY IN A LARGE SERIES OF ADULTS – EXPERIENCE OF A SINGLE CENTER: PATIENT SELECTION, TECHNIQUE, OUTCOMES AND COMPLICATIONS**Georgoulis G.**¹, Melissaris S.¹, Zlatanov C. G.¹, Georgis P. A.¹, Charitos D.¹, Blionas A.¹, Raftopoulou E.¹, Karakostas C.¹, Malli A.¹, Paidakakos N.¹, Lyberopoulos C.², Georgakoulis N.¹¹Department of Neurosurgery, General Hospital of Athens "G. Gennimatas", Athens, Greece,²Department of Neuroradiology, General Hospital of Athens "G. Gennimatas", Athens, Greece

OP 18

PRESENTATION OF CASES AFFECTED WITH PITUITARY MACROADENOMAS THAT WERE TREATED THROUGH ENDOSCOPIC ENDONASAL APPROACH AT THE NEUROSURGICAL DEPARTMENT OF NICOSIA GENERAL HOSPITAL**Faropoulos K.**, Gioti I., Karampouga M., Lytrides I., Lambrou M. A.
Neurosurgical Department, Nicosia General Hospital, Nicosia, Cyprus

OP 19

BALLOON MICROCOMPRESSION FOR PRIMARY AND MS TRIGEMINAL NEURALGIA: A 15 YEARS EXPERIENCE**Theofanopoulos A.**, Papadakos D., Fermeli D., Boulrieris S., Sotiropoulou S., Constantoyannis C.*Department of Neurosurgery, University of Patras, Patras, Greece*

OP 20

THE AXONAL CONNECTIVITY OF PREMOTOR AREAS AS REVEALED THROUGH FIBER DISSECTIONS: SHEDDING LIGHT ON THE STRUCTURAL CORRELATES OF COMPLEX MOTOR BEHAVIOR**Komaitis S.**^{1,2}, Koutsarnakis C.², Drosos E.^{1,2}, Kalyvas A.^{2,3}, Stranjalis G.^{1,2}¹Department of Neurosurgery, Evangelismos Hospital, National and Kapodistrian University of Athens, Athens, Greece, ²Athens Microneurosurgery Laboratory, Evangelismos Hospital, Athens, Greece,³Division of Neurosurgery, Toronto Western Hospital, University of Toronto, Toronto, Canada

OP 21

THE SPECTRUM OF PAEDIATRIC NEUROSURGICAL INTERVENTIONS IN PAEDIATRIC NF1**Vraka K.**¹, Varthalitis D.², Lunt L.³, Hupton E.³, Eelloo J.³, Kamaly I.², West S.¹, Vassallo G.¹¹Paediatric Neurology Department, Royal Manchester Children's Hospital, Manchester, UK,²Paediatric Neurosurgical Department, Royal Manchester Children's Hospital, Manchester, UK,³Genetics, Nationally NHS Commissioned NF 1 Service

OP 22

CONTEMPORARY SURGICAL TREATMENT FOR CRANIOSYNOSTOSIS**Panagopoulos K.***Hellenic Craniofacial Center*

Parthenon Hall **Ground Floor**

SESSION

7**09:00****10:00****Endoscopic Skull Base Approaches**

Chairs: M. Spyrou, P. Nomikos

Extended endonasal approaches for skull base tumors

S. Froelich

Endoscopic closure of spontaneous CSF rhinorrhea:

Developing international guidelines

C. Georgalas**Discussion****10:00****10:30****Coffee Break**

SESSION

8**10:30****12:00****Round Table Discussion**

Chairs: N. Foroglou, A. Chatzisotiriou

Presentation of cases

A. Andreou, K. Fountas, G. Stranjalis, K. Vlachos**Oral**

PRESENTATIONS

12:00**12:50****OP 23****THE NEUROPROTECTIVE ROLE OF HAMARTIN IN CORTICAL NEURONS UNDER ISCHEMIA****Themistoklis K.**^{1,2}, Melanis K.^{1,3}, Vekrellis K.¹, Papasilekas T.^{1,2}^{1.} 1st Division of Basic Neurosciences, Biomedical Research Foundation of the Academy of Athens, Athens, Greece, ^{2.} 1st Department of Neurosurgery, Athens University Medical School, Evaggelismos Hospital, Athens, Greece, ^{3.} Department of Neurology, Evaggelismos Hospital, Athens, Greece**OP 24****OPHTHALMIC ARTERY ANEURYSMS: TREATMENT OPTIONS AND SURGICAL TECHNIQUE****Charitos D.**, Melissaris S., Georgakoulis N.

Neurosurgical Department, Georgios Gennimatas General Hospital, Athens, Greece

Parthenon Hall Ground Floor

OP 25

COGNITIVE IMPAIRMENT AFTER SURGICALLY TREATED RUPTURED INTRACRANIAL ANEURYSM**Papic V.**¹, Bugarski Ignjatovic V.², Batic S.³, Jelaca B.¹, Golubovic J.¹, Djilvesi Dj.¹, Lasica N.¹, Pajicic F.¹, Vulekovic P.¹¹ Clinical center of Vojvodina, Clinic for Neurosurgery, University of Novi Sad, Novi Sad, Serbia,² Clinical center of Vojvodina, Clinic for Neurology, University of Novi Sad, Novi Sad, Serbia, ³ University of Novi Sad, Faculty of Philosophy, Novi Sad, Serbia

OP 26

QUALITY DATA ANALYSIS OF A&E NEUROSURGICAL REFERRALS DURING THE SARS-COV-2 PANDEMIC**Anagnostopoulos C.**, Mantziaris G., Arealis G., Panourgias I.

Department of Neurosurgery, Korgialenio - Benakio Red Cross Hospital, Athens, Greece

OP 27

WITHDRAWN

OP 28

DIRECT COMPARISON BETWEEN THE KAWASE'S APPROACH AND THE RETROSIGMOID INTRADURAL SUPRAMEATAL (RISA) CORRIDOR TO ACCESS THE PETROCLIVAL REGION USING CADAVERIC DISSECTIONS AND CT QUANTITATIVE VOLUMETRIC ANALYSIS**Stavrinou P.**^{1,2}, Koutsarnakis C.^{2,3,4,5,6,7}, Drosos E.^{2,3,6,7}, Komaitis S.^{3,4,6,7}, Stranjalis G.^{3,4,7}¹ Center of Neurosurgery, Department of General Neurosurgery, University of Cologne, Cologne, Germany,² Metropolitan Hospital, Athens, Greece, ³ Athens Microneurosurgery Laboratory, Evangelismos Hospital, Athens, Greece, ⁴ Department of Neurosurgery, Evangelismos Hospital,National and Kapodistrian University of Athens, Athens, Greece, ⁵ Edinburgh Microneurosurgery Education Laboratory, Department of Clinical Neurosciences, Western General Hospital, Edinburgh, UK, ⁶ Department of Anatomy, Medical School, National and Kapodistrian University of Athens, Athens, Greece, ⁷ Hellenic Center for Neurosurgical Research, "Petros Kokkalis", Athens, Greece12:50
13:30

Light Lunch

Parthenon Hall **Ground Floor**

SESSION

9**13:30**
15:30**Neurovascular**Chairs: **A. Andreou, G. Ioannou**

The evolving role and techniques of bypass surgery for cerebral ischemia and aneurysms

A. Andreou

Treatment of cerebral aneurysms using flow diverters

V. Panagiotopoulos

Awake surgery for brain aneurysms and vascular malformations

S. Abdulrauf

Strategies and approaches to brainstem cavernomas

J. Morcos

Posterior circulation aneurysms

J. Hernesniemi

Discussion

**Work
shop****15:30**
16:30**Infra Tentorial Approaches**Chairs: **O. Athanasiou, C. Georgopoulos**

Suboccipital retrosigmoid

I. Mavridis

Far lateral

S. Froelich

Infratentorial supracerebellar

J. Morcos

Discussion

16:30
17:00

Coffee Break

Parthenon Hall Ground Floor

SESSION

10

17:00
18:30**Skull Base Surgery**

Chairs: P. Selviarides, K. Vlachos

Surgery of tumors of the paracaloid region
L. StavrinouPterional vs supraorbital approach for optimal excision of
anterior skull base meningiomas**M. Fratzoglou**

Combined transpetrosal approach

S. Froelich

Cavernous sinus surgery fact or fiction

J. Morcos**Discussion**

SESSION

11

18:30
19:30**Hydrocephalus**

Chairs: K. Tsoleka, D. Pachatouridis

Pathogenesis of cerebrospinal circulation disorders

F. Liakos

Posttraumatic hydrocephalus after traumatic brain injury

S. KorfiasEndoscopic third ventriculostomy: When can we avoid the
ventriculoperitoneal shunt**F. Sotiriou**

Ventriculoperitoneal shunts in children: Selection criteria

V. Tsitouras**Discussion**19:30
20:30**General Assembly**

Parthenon Hall Ground Floor

Oral

PRESENTATIONS

08:00

09:00

Chairs: Y. Mylonakis, K. Kouzelis

OP 29

CURCUMIN INDUCES APOPTOSIS AND INHIBITS MIGRATION OF GLIOBLASTOMA CELLS**Zoi V.¹**, Tsoumeleka E.¹, Zacharopoulou N.¹, Vartholomatos E.¹, Chousidis I.², Leonardos I.², Tsekeris P.³, Voulgaris S.¹, Galani V.⁴, Alexiou G.¹, Kyritsis A. P.¹¹ Neurosurgical Research Institute, University of Ioannina, Ioannina, Greece, ² Zoology Laboratory Department of Biological Application and Technology, University of Ioannina, Ioannina, Greece, ³ Department of Radiation Oncology, University of Ioannina, Ioannina, Greece, ⁴ Laboratory of Anatomy-Histology-Embryology, University of Ioannina, Ioannina, Greece

OP 30

SURGICAL PLANNING AND GROSS TOTAL RESECTION IN THE MANAGEMENT OF GLIOMAS IN NON-ELOQUENT AREAS**Sakellariidou M.E.**, Xenaki V., Papadopoulos-Manolarakis P., Pliakos N., Fratzoglou M.

Department of Neurosurgery, General Hospital of Nikaia- Piraeus, Greece

OP 31

PREOPERATIVE NEUROCOGNITIVE STATUS PREDICTS OVERALL SURVIVAL IN DOMINANT HEMISPHERE PRIMARY GLIOBLASTOMA**Liouta E.^{1,2}**, Komaitis S.^{1,3}, Koutsarnakis C.^{1,3}, Kalyvas A. V.^{1,3}, Drosos E.^{1,3}, Stranjalis G.^{1,2,3}¹ Neurosurgical Department, Evangelismos Hospital, Athens, Greece, ² Hellenic Center for Neurosurgical Research "Prof. P. Kokkalis", Athens, Greece, ³ Athens Microneurosurgery Laboratory, Athens, Greece

OP 32

THE ROLE OF INTRAOPERATIVE FLOW CYTOMETRY IN STEREOTACTIC BRAIN TUMOR BIOPSY. A PILOT STUDY**Alexiou G.**, Vartholomatos G., Zika J., Michos E., Pahatouridis D., Voulgaris S.

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

OP 33

EPIDEMIOLOGY OF SURGICALLY TREATED BRAIN TUMORS. A SINGLE-CENTER EXPERIENCE**Apostolakis S.**, Karagianni A., Mylonakis I., Mitropoulos A., Bairaktaris A., Karakosta E., Roussos L., Vlachos K.

Department of Neurosurgery, "KAT" General Hospital, Kifisia, Greece

OP 34

AWAKE CRANIOTOMY FOR TUMOR RESECTION IN SPEACH AREA**Papic V.**, Jelaca B., Lasica N., Golubovic J., Djilvesi D.J., Vulekovic P., Pajicic F.

Clinical center of Vojvodina, Clinic for Neurosurgery, University of Novi Sad, Novi Sad, Serbia

OP 35

ZIPRASIDONE, A POTENTIAL NOVEL AGENT FOR GLIOBLASTOMA TREATMENTIyschou R.¹, Tsalios T.¹, **Alexiou G.¹**, Papadopoulos F.¹, Vartholomatos E.¹, Sioka C.¹, Tsekeris P.², Voulgaris S.¹, Kyritsis A. P.¹, Galani V.³¹ Neurosurgical Research Institute, University of Ioannina, Ioannina, Greece, ² Department of Radiation Oncology, University of Ioannina, Ioannina, Greece, ³ Laboratory of Anatomy-Histology-Embryology, University of Ioannina, Ioannina, Greece

Parthenon Hall **Ground Floor**

SESSION

12**09:00****10:30****Therapeutic Challenges in Intra-Axial brain tumors**Chairs: **A. Vakis, A. Mitropoulos**

Brain metastatic disease

P. Sarlis

Recurrent glioblastoma multiforme

G. Kalostos

Intraoperative imaging and visualization in glioma surgery

K. Faropoulos

Protecting white matter tracts in glioma surgery

S. Stamatiou

Extreme Oncological Cases

N. Foroglou**Discussion****10:30****11:00****Coffee Break**

SESSION

13**11:00****12:30****Neurotrauma**Chairs: **S. Voulgaris, C. Koutsarnakis**

Decompressive craniectomy in the post-RESCUEicp era

A. Kolias

Cranioplasty consensus results

C. Iaccarino

Cranioplasty complications

C. Gatos

Management of head injuries in children

A. Tasiou

Cutting your nerve changes your brain-quantum entanglement

L. Rasulic**Discussion**

Parthenon Hall **Ground Floor****Work
shop****12:30
13:30****Radiosurgery - Myths and Facts**

Chairs: T. Paleologos, G. Stranjalis

Radiosurgery. A Neurosurgeon's Point of View

T. Paleologos

Radiosurgery or Radiotherapy. The Neuroradiotherapist aspect

G. Pissakas

Radiosurgery in Greece. Past – Present - Future

A. Dimopoulos**Discussion****13:30
14:30****Light Lunch**

SESSION

14**14:30
15:30****Rehabilitation-Neuroplasticity**

Chairs: T. Triantafyllou, I. Balogiannis

Neurophysiological disorders after traumatic brain injury

A. Kolias

Neuroplasticity: Brain regeneration effort

E. Bakas

Training methods in brain neuroplasticity

E. Bakas**Discussion****15:30
16:00****Coffee Break**

SESSION

15**16:00
17:00****Anesthesia - Neurosurgical Pain**

Chair: A. Bairaktari

Anesthesia in severe brain injuries

M. Diakomi

Anesthesia in spine surgeries

S. R. Afrati

Chronic pain after surgery of the spine

E. Stavropoulou**Discussion**

Parthenon Hall Ground Floor

Oral

PRESENTATIONS

17:00

18:15

Chairs: D. Panagopoulos, G. Markogiannakis

OP 36

THE IMPACT OF THE EXTENT OF INSTRUMENTATION ON CLINICAL OUTCOME IN DEGENERATIVE LUMBAR SPINAL STENOSIS.

A PROSPECTIVE CASE-CONTROL ANALYSIS

Prassas A.¹, Alexiou GA.², Pourni P.¹, Tsoleka K.¹, Magras J.³, Tsonidis C.⁴, **Tsitsopoulos P.P.**⁴¹ Department of Neurosurgery, General Hospital "Papageorgiou", Thessaloniki, ² Department of Neurosurgery, Ioannina University Hospital, Ioannina, ³ Department of Neurosurgery, AHEPA University Hospital, Aristotle University School of Medicine, Thessaloniki, ⁴ Department of Neurosurgery, General Hospital "Hippokratio", Aristotle University School of Medicine, Thessaloniki

OP 37

SPINAL SYNOVIAL CYSTS: THE EXPERIENCE OF THE NEUROSURGICAL DEPARTMENT OF GENERAL HOSPITAL OF LAMIA AND REVIEW OF THE LITERATURE

Roumeliotis S.¹, Kesidis G.², Triantafyllou T.², Markopoulos S.², Papapetrou K.²¹ Surgical Department, General Hospital of Lamia, Lamia, Greece, ² Neurosurgical Department, General Hospital of Lamia, Lamia, Greece

OP 38

PASSIVE ROBOTIC ARM - A NEW TOOL FOR BETTER SAFETY AND ACCURACY IN TRANSPEDICULAR SCREW PLACEMENT

Gabrovsky N., Ilkov P., Velinov N.

Department of Neurosurgery, University Hospital "Pirogov", Sofia, Bulgaria

OP 39

WITHDRAWN

OP 40

SEPARATION SURGERY FOR EPIDURAL SPINAL CORD COMPRESSION: A SINGLE INSTITUTION'S EXPERIENCE

Paidakakos N., Zlatanov C. G., Georgis P. A., Malli A., Georgakoulis N. Neurosurgical Department, Athens General Hospital Georgios Gennimatas, Athens, Greece

OP 41

NATURAL HISTORY AND SURGICAL OUTCOMES OF PATIENTS WITH SPINAL CAVERNOMAS; AN ONLINE SURVEY OF CAVERNOMA PATIENT PARTICIPATION GROUPS EMPLOYING SOCIAL MEDIA

Giannis T., Casey A., Prezerakos G.

National Hospital for Neurology and Neurosurgery, London, United Kingdom

OP 42

THE CINGULUM BUNDLE V AS REVEALED THROUGH THE FIBER MICRODISSECTION TECHNIQUE: STRUCTURAL DATA DEMONSTRATING THE DIRECT CONNECTIVITY OF THE MEDIAL TEMPORO-PARIETAL CIRCUITRY

Skandalakis G.P.^{1-3,11}, Komaitis S.^{1-3,5}, Kalyvas A.^{1-3,6}, Lani E.^{1,3}, Drosos E.¹⁻³, Liakos F.^{1,3}, Piagkou M.^{1,3}, Placantonakis D.G.^{7,8}, Golfinos J.G.^{7,8}, Fountas K.N.⁹, Kapsalaki E.Z.¹⁰, Hadjipanayis C.G.¹¹, Stranjalis G.^{1,2,5}, Koutsarnakis C.¹⁻⁵¹ Athens Microneurosurgery Laboratory, Evangelismos Hospital, Athens, Greece, ² Department of Neurosurgery, Evangelismos Hospital, National and Kapodistrian University of Athens, Athens, Greece, ³ Department of Anatomy, Medical School, National and Kapodistrian University of Athens,

Parthenon Hall Ground Floor

Athens, Greece, ⁴ Edinburgh Microneurosurgery Education Laboratory, Department of Clinical Neurosciences, Western General Hospital, Edinburgh, UK, ⁵ Hellenic Center for Neurosurgical Research, "Petros Kokkalis", Athens, Greece, ⁶ Department of Neurosurgery, Toronto Western Hospital, University Health Network, Toronto, Ontario, Canada, ⁷ Neuroscience Institute, NYU School of Medicine, New York, NY, USA, ⁸ Department of Neurosurgery, NYU School of Medicine, New York, NY, USA, ⁹ Department of Neurosurgery, School of Medicine, University of Thessaly, Larisa, Greece, ¹⁰ Department of Radiology, School of Medicine, University of Thessaly, Larisa, Greece, ¹¹ Department of Neurosurgery, Icahn School of Medicine at Mount Sinai, New York, NY, USA

OP 43

WHAT IS THE INCIDENCE OF POST-TRAUMATIC HYDROCEPHALUS IN TRAUMATIC BRAIN INJURY PATIENTS THAT UNDERWENT DC VERSUS THOSE THAT WERE MANAGED CONSERVATIVELY: LESSONS FROM A META-ANALYSIS

Mavrovounis G.¹, Kalogeras A.¹, Brotis A.¹, Demetriades A.², Fountas K.¹

¹ Department of Neurosurgery, Faculty of Medicine, University of Thessaly, General University Hospital of Larissa, Larissa, Greece, ² Department of Neurosurgery, New Royal Infirmary, Edinburgh, UK

OP 44

VALUE OF SEQUENTIAL COMPUTED TOMOGRAPHY IN PATIENTS UNDER ANTITHROMBOTIC MEDICATION EXPERIENCING MILD TRAUMATIC BRAIN INJURY - A SYSTEMATIC REVIEW AND META-ANALYSIS

EL Hadwe S.^{1,2}, Assamadi M.³, Barrit S.³, Giannis D.⁴, Haidich A.⁵, Goulis D.⁶, Chatzisotiriou A.²

¹ Department of Neurosurgery, Erasme Hospital, Université Libre de Bruxelles, Belgium, ² Faculty of Medicine, Department of Physiology, Aristotle University of Thessaloniki, Greece, ³ Department of Neurosurgery, Ibn Tofail Hospital, Université Cadi Ayyad, CHU, Mohammed sixth Marrakech, Morocco, ⁴ Institute of Health Innovations and Outcomes Research, The Feinstein Institutes for Medical Research, Northwell Health, Manhasset, New York, USA, ⁵ Department of Hygiene, Social-Preventive Medicine and Medical Statistics, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece, ⁶ Unit of Reproductive Endocrinology, 1st Department of Obstetrics and Gynecology, Medical School, Aristotle University of Thessaloniki, Greece

18:15

Congress Summary and Closing Remarks



Scientific Program

14th Annual Neurosurgery
Nurses Meeting



Cyclades Hall Ground Floor

★ the program of the
14th Annual Neurosurgery
Nurses Meeting is in Greek

10:30
11:00

Welcome Addresses

Round
Table

11:00
12:00

The role of the Perioperative Nurse in Neurosurgery

Coordinator: I. Koutelekos

The history of spinal surgery

O. Modinou

Difficulties and problems faced by patients with spinal cord injuries - Nursing intervention

G. Zika

Spine surgery - Preparation of operating room - Scrub nurse duties and responsibilities

I. Stefanidis

Postoperative patient care after spine surgery - Spinal fusion

K. Karakostas

Discussion

Oral

PRESENTATIONS

12:00
12:30

Spine Surgery

Coordinators: **G. Papantoniou, G. Zika**

OPN 01

CERVICAL ARTIFICIAL DISC REPLACEMENT

Konstantinopoulou F.C., Lipiridis S., Boutsikaki N. Hatzantonaki A., Kritikopoulos K.

General Hospital of Nikaia-Piraeus "Agios Panteleimon", Greece

OPN 02

SPINAL CORD INJURIES: NURSING INTERVENTIONS AND PREVENTIVE MEASURES

Sotiropoulou S., Papadakos D., Theofanopoulos A., Fermeli D., Boulrieris S., Kalantzis G., Constantoyannis C.

Department of Neurosurgery, Patras University Hospital, Patras, Greece

Cyclades Hall Ground Floor

OPN 03

SPINE FRACTURES

Zotou M.¹, Nikolaidis V.², Zika J.³, Papantoniou G.⁴¹ Neurosurgery Department, Kavala General Hospital, Greece, ² Emergency Department, Covid-19 Day Care Unit, Kavala General Hospital, Greece, ³ Nursing Services, University Hospital of Ioannina, Greece, ⁴ Nursing Services, KAT General Hospital of Attica, GreeceOral
PRESENTATIONS12:30
13:00

Pituitary Adenomas

Coordinators: **E. Drakou**, **I. Galatianou**

OPN 04

ENDOSCOPIC TRANSSPHEOIDAL APPROACH FOR PITUITARY ADENOMAS

Boutsikaki N., Hatzantonaki A., Konstantinopoulou F.C., Panagiotidou O., Giannikou F.

General Hospital of Nikaia-Piraeus "Agios Panteleimon", Greece

OPN 05

MICROSURGICAL ENDONASAL TRANSSPHEOIDAL APPROACH FOR PITUITARY ADENOMAS

Hatzantonaki A., Boutsikaki N., Konstantinopoulou F.C., Panagiotidou O., Kritikopoulos K.

General Hospital of Nikaia-Piraeus "Agios Panteleimon", Greece

OPN 06

PRINCIPLES AND PITFALLS OF THE PERIOPERATIVE MANAGEMENT OF PATIENTS WITH SELLAR PATHOLOGY

Kampatski B.¹, Stameni S.¹, Siafi P.², Pappas C.¹, Apostolakis S.¹, Papantoniou G.³¹ Department of Neurosurgery, KAT General Hospital of Attica, Greece, ² Operating Room, KAT General Hospital of Attica, Greece, ³ Nursing Services, KAT General Hospital of Attica, Greece13:00
13:30

Light Lunch

Cyclades Hall Ground Floor

Oral

PRESENTATIONS

13:30

14:00

OPN 07

NEW APPROACHES IN BRAIN SURGERY AND TBI TREATMENT

Coordinators: I. Sapountzis, C. Stouka

Tani S.¹, Papantoniou G.², Moschidis T.², Sventzouri M.³, Stouka C.⁴¹ Office of Education of the Nursing Services, KAT General Hospital of Attica, Greece, ² Nursing Services, KAT General Hospital of Attica, Greece, ³ Operating Room, KAT General Hospital of Attica, Greece, ⁴ Department of Newer Imaging Methods, KAT General Hospital of Attica, Greece

OPN 08

MANAGEMENT OF TRAUMATIC BRAIN INJURY

Daneva E.¹, Papantoniou G.², Stouka C.³¹ Department of Radiodiagnostic, KAT General Hospital of Attica, Greece, ² Nursing Services, KAT General Hospital of Attica, Greece, ³ Department of New Imaging Methods, KAT General Hospital of Attica, Greece

OPN 09

WHAT ARE THE APPROPRIATE INSTRUMENTS TOOLS FOR MEASURING THE QUALITY OF LIFE OF PATIENTS AFTER TRAUMATIC BRAIN INJURY.

WHAT IS HAPPENING IN GREECE. A LITERATURE REVIEW

Skouteli E., Zervaki K.

Department of Neurosurgery, University Hospital of Herakleion, Crete, Greece

Oral

PRESENTATIONS

14:00

14:30

OPN 10

WITHDRAWN

OPN 11

CERTIFICATION OF QUALITY SYSTEM OF HEALTH SERVICES IN THE DEPARTMENT OF NEUROSURGERY OF UNIVERSITY HOSPITAL OF IOANNINA

Zika J.¹, Exarchos C.², Alexiou G.², Voulgaris S.²¹ Nursing Services, University Hospital of Ioannina, Greece, ² Department of Neurosurgery, University Hospital of Ioannina, Greece

OPN12

MENTAL FATIGUE OF NURSES WORKING IN NEUROSURGERY CLINICS

Moschidis T.¹, Miari S.², Naskopoulou C.³, Tani S.¹, Papantoniou G.¹, Drakou E.¹, Androutsopoulou-Lytra K.¹¹ Nurse Service Office, KAT General Hospital of Attica, Greece, ² Emergency Department, KAT General Hospital of Attica, Greece, ³ Operation Department, KAT General Hospital of Attica, Greece

Cyclades Hall Ground Floor

Workshop

15:30

16:30

Experiential Workshop of Empathy in Neurosurgical Nurses

Instructors: T. Moschidis, S. Miari, I. Tzarou

Oral

PRESENTATIONS

15:30

15:50

Brain Surgery: Techniques and Treatment

Coordinators: C. Pappas, E. Skouteli

OPN 13

MICROVASCULAR DECOMPRESSION FOR DRUG-RESISTANT TRIGEMINAL NEURALGIA

Dimitrouli A.¹, Korfias S.¹, Gatzonis S.¹, Boviatsis E.², Sakas D.¹¹ 1st Department of Neurosurgery, National and Kapodistrian University of Athens, Evangelismos General Hospital, Athens, Greece, ² 2nd Department of Neurosurgery, National and Kapodistrian University of Athens, Evangelismos General Hospital, Athens, Greece

OPN 14

RESULTS OF ENDOSCOPIC THIRD VENTRICULOSTOMY FOR THE TREATMENT OF HYDROCEPHALUS IN GNA – G. GENNIMATAS DURING THE YEARS 2018-2020

Sapountzis I., **Derou B.**, Anevlavi S., Bekri D., Georgoulis G., Georgakoulis N.

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

15:50

Closing Remarks



The meeting has been accredited with 4 credits of continuing medical education by the Hellenic Regulatory Body of Nurses.



E-Posters



PP01

PREFERENCE IN DOCTOR'S SEX IN SPINE SURGERY

Nikova A.^{1,2}

¹ Department of Surgery, Metaxa Cancer Hospital, Piraeus, Greece, ² Department of Neurosurgery, National and Kapodistrian University of Athens, Athens, Greece

PP02

WITHDRAWN

PP03

WITHDRAWN

PP 04

DERMAL SINUS TRACTS. AN INTERESTING CASE

Themistoklis K.^{1,2}, Singh N.², Iorga R.², Kossivas A.¹, Skarmoutsos D.¹, Chondrozoumaki A.¹, Korfias S.¹, Sakas D.¹, Papasilekas T.¹

¹ 1st Department of Neurosurgery, Athens University Medical School, Evangelismos Hospital, Athens, Greece, ² Department of Neurosurgery, St George's Hospital, London, UK

PP05

TREATMENT OF A SUPERIOR SAGITTAL SINUS DURAL FISTULA. A COMBINED ENDOVASCULAR/ SURGICAL APPROACH

Themistoklis K.¹, Kossivas A.¹, Skarmoutsos D.¹, Chondrozoumaki A.¹, Korfias S.¹, Archontakis E.², Georgakoulis N.³, Sakas D.¹, **Papasilekas T.**¹

¹ 1st Department of Neurosurgery, Athens University Medical School, Evangelismos Hospital, Athens, Greece, ² Department of Interventional Neuroradiology, Korgialeneio-Mpenakeio Hospital, Athens, Greece, ³ Department of Neurosurgery, Gennimatas General Hospital, Athens, Greece

PP06

AN IN VITRO PROTOCOL FOR EXOSOMAL TRANSFER OF HAMARTIN IN PRIMARY NEURONAL CELL CULTURES

Melanis K.^{1,2}, Themistoklis K.^{1,3}, Vekrellis K.¹, Papasilekas T.^{1,3}

¹ 1st Division of Basic Neurosciences, Biomedical Research Foundation of the Academy of Athens, Athens, Greece, ² Department of Neurology, Evangelismos Hospital, Athens, Greece, ³ 1st Department of Neurosurgery, Athens University Medical School, Evangelismos Hospital, Athens, Greece

PP07

INTRAMEDULLARY MELANOCYTOMA OF THE CERVICAL CORD: CASE REPORT

Tsolpidis P.¹, Danos C.¹, Charalampidis K.¹, Baltas I.¹, Pastelli N.², Papaemmanouil S.²

¹ Department of Neurosurgery, General Hospital G. Papanikolaou, Thessaloniki, Greece, ² Laboratory of Anatomical Pathology, General Hospital G. Papanikolaou, Thessaloniki, Greece

PP08

WITHDRAWN

PP09

BRAIN ATYPICAL NEUROENDOCRINE TUMOR - A CASE OF MULTIPLE BRAIN METASTASES WITH NO PRIMARY TUMOR IDENTIFICATION

Moraiti A.¹, Petraki K.², Dimopoulos A.³, Barbounis V.⁴, Vlatakis S.¹, Skafidas K.¹

¹ Neurosurgery Department Metropolitan Hospital, Piraeus, Greece, ² Anatomic Pathologist, Metropolitan Hospital, Athens, Greece, ³ Radiation Oncology Center, Metropolitan Hospital, Athens, Greece, ⁴ 3rd Oncology Clinic, Metropolitan Hospital, Athens, Greece

PP10

MORPHOMETRIC AND COMPUTED TOMOGRAPHY STUDY OF THE OLFACTORY FOSSA IN A GREEK POPULATION: CLINICAL IMPORTANCE IN SKULL BASE AND ENDOSCOPIC SINUS SURGERY

Papadopoulos-Manolarakis P.¹, Xenaki V.¹, Sakellaridou M.¹, Pliakos N.¹, Leventis A.¹, Fratzoglou M.¹, Natsis K.², Piagkou M.³

¹Neurosurgical Department, General Hospital of Nikaia - Piraeus, Athens, Greece, ²Department of Anatomy and Surgical Anatomy, School of Medicine, Aristotle University of Thessaloniki, Greece, ³Department of Anatomy, School of Medicine, National and Kapodistrian University of Athens, Greece

PP11

A SINGLE CENTRE ANALYSIS OF THE DEMOGRAPHICS OF ANEURYSMAL SUBARACHNOID HAEMORRHAGE

Apostolakis S., **Karagianni A.**, Mylonakis I., Bairaktaris A., Vlachos K.
Department of Neurosurgery, "KAT" General Hospital of Attica, Athens, Greece

PP12

ADVERSE EFFECTS OF INTRACRANIAL DRAINS FOLLOWING BURR HOLE EVACUATION OF HAEMATOMAS

Apostolakis S., Mylonakis I., **Karagianni A.**, Mitropoulos A., Bairaktaris A., Karakosta E., Vlachos K.

Department of Neurosurgery, "KAT" General Hospital of Attica, Athens, Greece

PP13

SUBCUTANEOUS INFILTRATION OF AN EN PLAQUE MENINGIOMA

Apostolakis S., Mylonakis I., **Karagianni A.**, Mitropoulos A., Vlachos K., Roussos L.
Department of Neurosurgery, "KAT" General Hospital of Attica, Athens, Greece

PP14

INTRAOPERATIVE LOSS OF MOTOR EVOKED POTENTIALS

Apostolakis S., **Karagianni A.**, Vlachos K.

Department of Neurosurgery, "KAT" General Hospital of Attica, Athens, Greece

PP15

ENDOSCOPIC FENESTRATION OF LARGE SUPRASELLAR, SYLVIAN FISSURE, TECTAL AND CEREBELLOPONTINE ANGLE ARACHNOID CYSTS – VIDEO PRESENTATION

Georgoulis G., Melissaris S., Zlatanov C. G., Georgakoulis N.

Neurosurgery Department, General Hospital of Athens “G. Gennimatas”, Athens – Greece

PP16

THE TOPOGRAPHY OF THE FRONTAL TERMINATIONS OF THE UNCINATE FASCICULUS REVISITED THROUGH FOCUSED FIBER DISSECTIONS

Liakos F.^{1,4}, Koutsarnakis C.^{1,2}, Komaitis S.^{1,2}, Skandalakis G.^{1,2}, Piagou M.³, Stranjalis G.¹

¹ Microneurosurgery Laboratory, Evangelismos Hospital, Athens, Greece, ² Department of Neurosurgery, National and Kapodistrian University of Athens, Evangelismos Hospital, Athens, Greece, ³ Anatomy Laboratory, School of Medicine, National and Kapodistrian University of Athens, ⁴ Department of Neurosurgery, General Hospital Asklepieio Voulas, Athens, Greece

PP17

CERVICAL MYELOPATHY TREATED WITH ANTERIOR C3 CORPECTOMY AND FUSION FOR: A CASE REPORT

Stefanidis P., Christopoulos M., Kouzelis K.

Neurosurgical Department, General Hospital of Elefsina – Thriasio, Greece

PP18

PROGNOSTIC VALUE OF IMMUNOHISTOCHEMICAL MARKERS IN PITUITARY ADENOMAS AGGRESSIVENESS

Stefanidis P.¹, Kyriakopoulos G.², Seretis A. M.³, Flaskas T.⁴, Sykaras A.², Korfiatis S.⁵, Petychaki F.⁶, Savelli A.⁶, Kassi E.⁶, Angelousi A.⁶

¹ Department of Neurosurgery, General Hospital of Elefsina-Thriasio, Athens, Greece, ² Department of Pathology, Evangelismos Hospital, Athens, Greece, ³ Department of Neurology, Medical University of Sofia, Sofia, Bulgaria, ⁴ Department of Neurosurgery, Henry Dunant Hospital, Athens, Greece, ⁵ Department of Neurosurgery, Evangelismos Hospital/Kapodistrian University of Athens, Greece, ⁶ 1st Department of Internal Medicine, Unit of Endocrinology, Laiko Hospital, National and Kapodistrian University of Athens, Greece

PP19

RESECTION OF INTRADURAL EXTRAMEDULLARY TUMOR FOLLOWED BY CERVICAL LAMINOPLASTY: A CASE REPORT

Stefanidis P., Christopoulos M., Kouzelis K.

Neurosurgical Department, General Hospital of Elefsina – Thriasio, Greece

PP20

RECURRENT MELANOTIC SCHWANNOMA OF VERTEBRAE: CASE REPORT

Charalampidis K., Tsolpidis P., Danos C., Pastelli N., Dimitriadis I., Baltas I.

Department of Neurosurgery, General Hospital of Thessaloniki “G. PAPANIKOLAOU”, Thessaloniki District, Macedonia Department, Greece

PP21

WITHDRAWN

PP22

EXTRAVENTRICULAR NEUROCYTOMA IN A 15-YEAR-OLD GIRL

Antoniades E.¹, Cheva A.², Galidis E.², Stamatou S.¹, Foroglou N.¹

¹ First Neurosurgical Clinic, AHEPA University Clinic, Thessaloniki, Greece, ² Department of Pathology, School of Health Sciences, Faculty of Medicine, Aristotle University of Thessaloniki, Greece

PP23

A RETROSPECTIVE ANALYSIS OF FRAME BASED STEREOTACTIC BRAIN BIOPSY

Danos C.¹, Charalampidis K., Tsolpidis P., Baltas I.

Neurosurgical Department, G. Papanikolaou Hospital, Thessaloniki, Greece

PP24

WITHDRAWN

PP25

HUGE FRONTAL ENCEPHALOCELE: COMBINED NEUROSURGICAL AND ENT ENDOSCOPIC TRANSNASAL TREATMENT. CASE REPORT

Papadopoulos E. K.¹, Ydreos J.¹, Savvanis G.¹, Telios D.², Solou M.¹, Boviatsis E.¹

¹ 2nd Department of Neurosurgery, EKPA, Attikon University Hospital, Athens, Greece, ² 2nd Department of ENT, EKPA, Attikon University Hospital, Athens, Greece

PP26

POSTINFECTIOUS HYDROCEPHALUS TREATED BY ENDOSCOPIC THIRD VENTRICULOSTOMY

Papadopoulos E. K., Ydreos J., Savvanis G., Solou M., Boviatsis E.

2nd Department of Neurosurgery, EKPA, Attikon University Hospital, Athens, Greece

PP27

TUBULAR LAMINECTOMY AND PERCUTANEOUS VERTEBROPLASTY AS A COMBINED TREATMENT FOR AGGRESSIVE VERTEBRAL HEMANGIOMA

Papadakos D., Boulrieris S., Theofanopoulos A., Fermeli D., Constantoyannis C.

Department of Neurosurgery, Patras University Hospital, Patras, Greece

PP28

CLINICAL APPLICATION OF NEURONAVIGATION SYSTEM IN BRAIN SURGERY. EXPERIENCE OF OUR DEPARTMENT

Sfikas S., Stamatopoulos C., Veranis S., Papageorgiou D., Kapetanakis A.

Neurosurgical Department, 251 Air Force General Hospital, Athens, Greece

PP29

DIAGNOSIS AND TREATMENT OF AN ORBITAL LYMPHOMA. INTERESTING CASE AND REVIEW OF MANAGEMENT GUIDELINES

Sfikas S.^{1,2}, Karydakakis P.², Parayioutsikos V.¹, Stoforou K.¹, Kapetanakis A.^{1,2}

¹ Department of Neurosurgery, Metropolitan Hospital, Piraeus, Greece, ² Department of Neurosurgery, 251 General Hellenic Air Force Hospital

PP30

ACUTE SUBARACHNOID HAEMORRHAGE (ASAH) WITHOUT RADIOLOGICAL FINDINGS: PRESENTATION OF A RARE CASE

Ydreos I., Papadopoulos E., Savvanis G., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP31

GUNSHOT TRAUMATIC BRAIN INJURY (GTBI): PRESENTATION OF AN INTERESTING CASE

Ydreos I., Papadopoulos E., Savvanis G., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP32

SUBAXIAL CERVICAL SPINE TRAUMA. ANTERIOR CERVICAL CORPECTOMY-INSTRUMENTATION. PRESENTATION OF 2 INTERESTING CASES

Ydreos I., Savvanis G., Papadopoulos E., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP33

CAVERNOUS ANGIOMA OF THE FLOOR OF THE FOURTH VENTRICLE PRESENTED WITH FEVER OF UNKNOWN ETIOLOGY. A REPORT OF A CASE

Theofanopoulos A., Fermeli D., Papadakis D., Boulieris S., Constantoyannis C.

Department of Neurosurgery, Patras University Hospital, Patras, Greece

PP34

THORACIC SPINE EPIDURAL ABSCESS (TSEA). DECOMPRESSION - INSTRUMENTATION. PRESENTATION OF TWO INTERESTING CASES

Ydreos I., Papadopoulos E., Savvanis G., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP35

FILUM TERMINALE MYXOPAPILLARY EPENDYMOMA IN AN ADULT: PRESENTATION OF A RARE CASE

Ydreos I., Savvanis G., Papadopoulos E., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP36

GIANT INTRACRANIAL MENINGIOMA: PRESENTATION OF TWO INTERESTING CASES

Ydreos I., Papadopoulos E., Savvanis G., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP37

BILATERAL TRAUMATIC BASAL GANGLIA HAEMORRHAGE. CASE REPORT

Savvanis G., Papadopoulos E., Ydreos I., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP38

INSTRUMENTATION IN AN ADULT WITH VERTEBRAL FRAGILITY FRACTURE AND END-STAGE RENAL DISEASE (ESRD): PRESENTATION OF AN INTERESTING CASE

Ydreos I., Savvanis G., Papadopoulos E., Solou M., Boviatsis E.

2nd Department of Neurosurgery and Neurotraumatology, Attikon University General Hospital, Athens, Greece

PP39

A RARE CASE OF A THORACIC SPINAL CORD MENINGEAL MELANOCYTOMA: A CASE REPORT

Kalaitzoglou D., Kavoura K., Triantafyllidis A., Alexandris C., Toullos P.

Neurosurgery Department, 424 General Military Training Hospital of Thessaloniki

PP40

PEDIATRIC MILD HEAD INJURIES-A SINGLE INSTITUTION EXPERIENCE

Lambrianou X., Tasiou A., Tzerefos C., Thanasis P., Tzannis A., Papastergiou V., Kalogeras A., Gatos H., Brotis A., Fountas K. N.

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

PP41

PSEUDOANEURYSM FORMATION FOLLOWING SPONTANEOUS SUBARACHNOID HEMORRHAGE. CASE REPORT

Apostolakis S., Mylonakis I., Karagianni A., Mitropoulos A., Bairaktaris A., Vlachos K.

Department of Neurosurgery, "KAT" General Hospital, Kifisia, Greece

PP42

INTRADURAL CHONDROMA OF THE OCCIPITOCERVICAL JUNCTION. CASE REPORT

Apostolakis S., Karagianni A., Mylonakis I., Mitropoulos A., Karakosta E., Vlachos K.

Department of Neurosurgery, "KAT" General Hospital, Kifisia, Greece

PP43

REPURPOSING RISPERIDONE FOR GLIOBLASTOMA TREATMENT

Mitsiou C.¹, Gialama V.¹, Vartholomatos E.¹, Voulgaris S.¹, Galani V.², Kyritsis A. P.¹,

Alexiou G.¹

¹ Neurosurgical Research Institute, University of Ioannina, Ioannina, Greece, ² Laboratory of Anatomy-Histology-Embryology, University of Ioannina, Ioannina, Greece

PP44

INTRATHECAL ADMINISTRATION OF BACLOFEN FOR TREATMENT OF SPASTICITY: STUDY OF THE FACTORS AFFECTING EFFECTIVENESS IN 300 PATIENTS

Chondrozoumaki A., Korfias S., Skarmoutsos D., Vlachakis E., Kossivas A., Tsimogiannis A., Alexoudi A., Patrikelis P., Gatzonis S., Sakas D.

First Department of Neurosurgery, National and Kapodistrian University of Athens, Evaggelismos General Hospital, Athens Greece

PP45

LARGE EPIDERMOID CYST PRESENTING AS AN OSTEOLYTIC LESION

Antoniades E.¹, Cheva A.², Sarlis P.¹, Kontosis A.², Patsalas I.¹

¹First Neurosurgical Clinic, AHEPA University Clinic, Thessaloniki, Greece, ²Department of Pathology, School of Health Sciences, Faculty of Medicine, Aristotle University of Thessaloniki, Greece

PP46

TRAUMATIC SUPERFICIAL TEMPORAL ARTERY ANEURYSM

Korfias S., **Chondrozoumaki A.**, Skarmoutsos D., Zournatzidi C., Kossivas A., Tsimogiannis A., Oostra A., Sakas D.

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Zika Giolanda	RN, MSC, PHD, NURSING SERVICE, UNIVERSITY HOSPITAL OF IOANNINA, GREECE



General Information

Exhibition Floorplan

Acknowledgments



ORAL PRESENTATIONS (Neurosurgery Congress)

The duration for each presentation is 8 minutes (6 minutes' presentation and 2 minutes for questions – discussion). Presentation times will be strictly maintained.

ORAL PRESENTATIONS (Nurses Meeting)

The duration for each presentation is 10 minutes (8 minutes' presentation and 2 minutes for questions – discussion). Presentation times will be strictly maintained.

E-POSTERS

E-Posters are the electronic-digital version of printed posters, which will be presented via monitors, at the e-Poster designated area, the Web Lounge.

QR CODES FOR CONGRESS ADMISSION

Each registered participant will receive an e-mail with their personal QR code to be able to enter the congress area and attend only the pre-selected sessions. It is mandatory for participants to scan their QR code at the entrance of the congress halls. Only participants with personalized QR codes will be able to access the sessions halls and the exhibition area.

WEB LOUNGE – ELECTRONIC EVALUATION AREA

In the Web Lounge area, participants can also complete the electronic evaluation, which is necessary 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, after having completed the electronic evaluation. **In order for participants to receive the certificate of attendance, they are required by the National Organization for Medicines (EOF) to have attended 60% of the scientific program (17 hours).**

PRESENTATIONS RECEPTION DESK

The presentations reception desk will be available for the duration of the congress to receive the speakers' presentations. Speakers are required to deliver their presentations (USB stick or CD-ROM) on-time, at least one (1) hour before the start of their lecture.



CONGRESS SECRETARIAT SERVICE HOURS

Thursday 3 June 2021	Friday 4 June 2021	Saturday 5 June 2021
08.00 - 20:00	07:30 - 19:30	07:30 - 18:15

LANGUAGE

The official languages of the congress are English and Greek. There will be no simultaneous translation.

HALLS

Services	Hall	Level
Main Hall	Parthenon	0
Nurses Meeting Parallel Hall	Cyclades	0
E-Poster Area	Parthenon Foyer	0
Exhibition	Parthenon Foyer	0
Congress Secretariat	Parthenon Foyer	0
Presentations Reception Desk	Parthenon Foyer	0
Web Lounge/Electronic Evaluation Area	Parthenon Foyer	0
Coffee Breaks/Lunches	Parthenon Foyer	0

“GEORGE FOROGLU” AWARD AND “CHRISTOS ANTONIADIS” AWARD

These prizes are awarded to the top two ranked competitors of the Annual Written Examination, which is organized by the Hellenic Neurosurgical Society. The prize is 1.000 € for each of the winners and is intended to sponsor their participation in one of the EANS scientific events.

Requirements:

- 1 > Candidates must not be over 38 years old
- 2 > Candidates may be residents in a nationally recognized Neurosurgery residency program
- 3 > Candidates may be young specialists (up to 5 years after being Board certified) practicing in Greece

The competition takes place during the annual congress and includes a multiple-choice written exam, in Greek. The exam is organized by the Scientific Committee of the Hellenic Neurosurgical Society, under the guidance and supervision of Associate Professor Nicolas Foroglou.

The winners will be announced during the closing session of the congress, by the President of the Hellenic Neurosurgical Society.

“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, which will comprise Mr. Konstantinos Vlachos (President of the Hellenic Neurosurgical Society), Mr. Moschos Fratzoglou (Secretary of the Hellenic Neurosurgical Society), and Mr. Konstantinos Fountas (Award Sponsor).

AWARDS FOR BEST ORAL & POSTER PRESENTATION

Two (2) awards will be given to the best presentations: one for the best oral presentation and one for the best e-poster. Both will be selected from the Scientific Committee of the Congress.

The awards will be announced during the closing session of the congress.

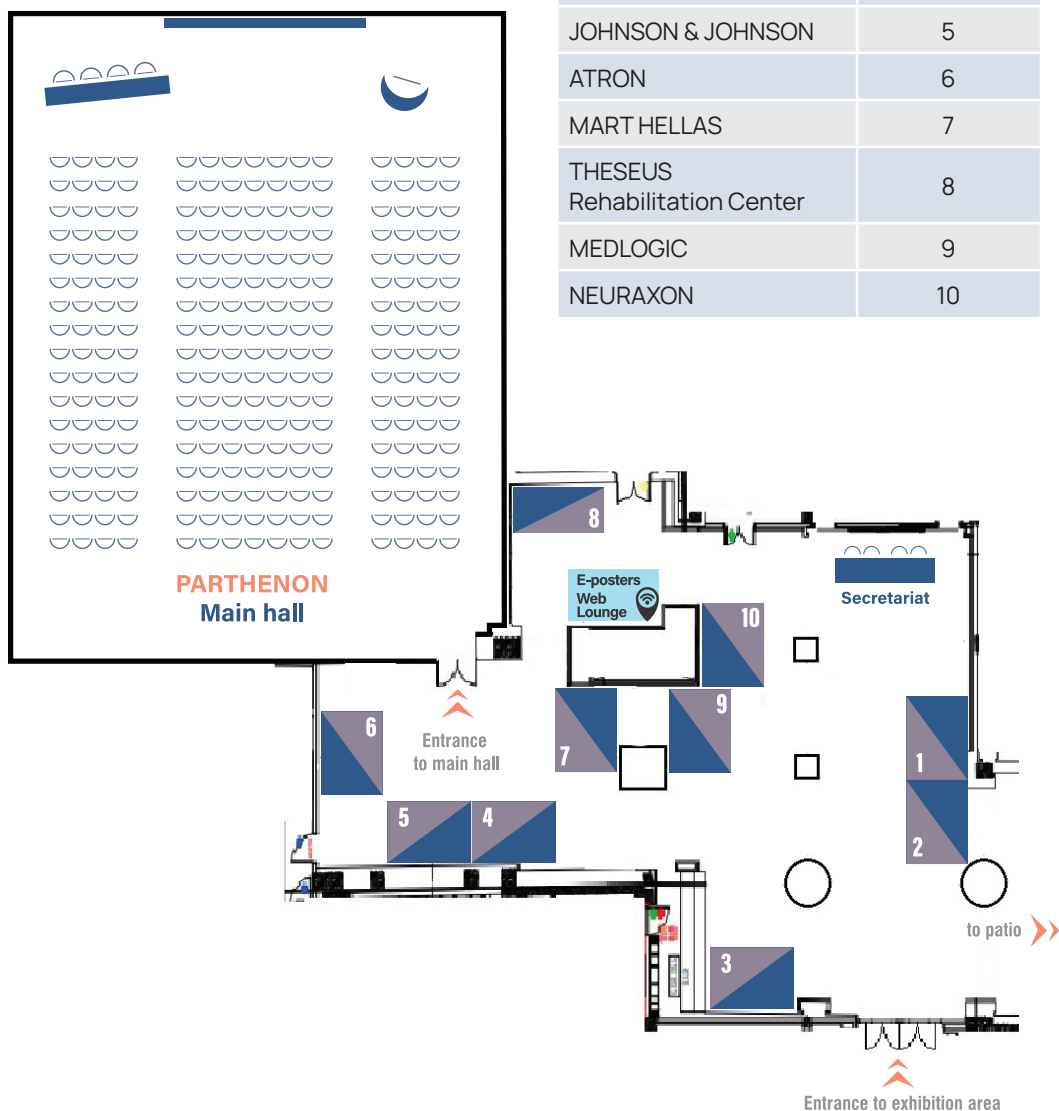
“G. BALABANIS” AWARD

To the 2 champions of attendance based exclusively on on-site attendance, 2 top ranked neurosurgical books will be delivered during the closing ceremony. This is a chance for participants to profit the maximum of their attendance. Every minute counts. The prize is delivered in memory of our young colleague G. Balabanis.

“ANAPLASIS” AWARD

A new award is introduced this year. The prize is 2.000 € and will be awarded to the lead researcher of an award-winning original abstract, so that he/she can attend an EANS workshop.

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ACKNOWLEDGMENTS

The Hellenic Neurosurgical Society would like to thank the following companies that contributed greatly to the success of the 34th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Cyprus Neurosurgical Society & 14th Annual Neurosurgery Nurses Meeting.

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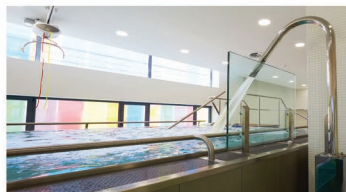
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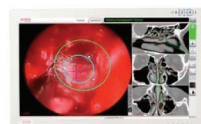
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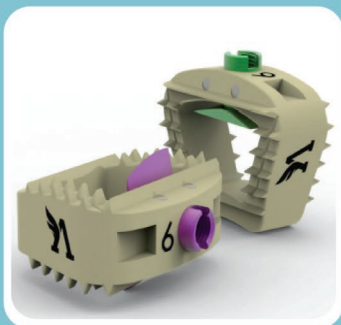
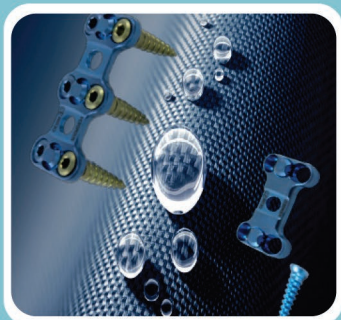
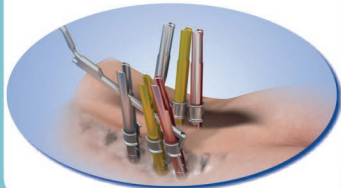
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