

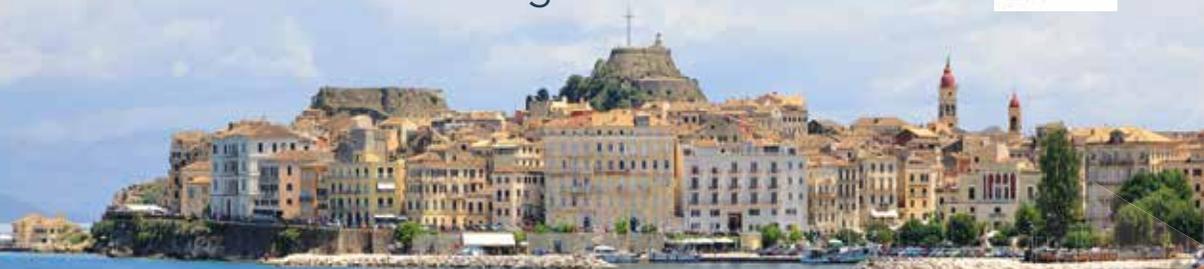
37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery

& 17th Annual Neurosurgery Nurses Meeting

Organizer



Co-Organizer



Program

13^{to} 16

JUNE 2024

CORFU HOLIDAY PALACE

Corfu
Greece



CONCO
THE CONFERENCE COMPANY

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

[HTTPS://ENXE2024.CONCOPCO.COM](https://enxe2024.concopco.com)



TABLE OF CONTENTS

4

Welcome address

37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery

5

Committees

37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery

6

Welcome address

17th Annual Neurosurgery Nurses Meeting

7

Committees

17th Annual Neurosurgery Nurses Meeting

9

Scientific Program

37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery

27

Scientific Program

17th Annual Neurosurgery Nurses Meeting

33

E-Posters

49

Speakers - Chairmen

58

Satellite Lecture

59

General Information

63

Exhibition Floorplan

64

Acknowledgments

CME Credits

The **37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery, Corfu, Greece, 13/06/2024-16/06/2024** has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **22,5 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 **37th Annual Congress and Joint Meeting with the Bulgarian Society of Neurosurgery**, which will take place at the Corfu Holiday Palace, in **Corfu, Greece, from the 13th until the 16th of June 2024**.

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 Bulgaria, Turkey, Italy, Switzerland, Germany and Greece will contribute to the exchange of knowledge and skills. The 17th 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 at the island of Corfu which is renowned for its rich historical past starting from Homer's Odyssey while also carrying influences from the Venetian, French, and English cultures. The selected venue, Corfu Holiday Palace Hotel, in the area of Kanoni, offers high standard conference facilities that will enhance networking and create a pleasant and friendly environment for the congress meetings.

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 annual 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 Corfu, 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 Paleologos
Stefanos Korfias

Parmenion Tsitsopoulos
Georgios Alexiou
Vasileios Panagiotopoulos
Konstantinos Fountas
Themistoklis Papisilekas

Scientific Committee

G. Alexiou
A. Andreou
T. Birbilis
E. Boviatsis
E. Chatzidakis
S. Korfias
C. Constantoyannis
N. Foroglou
K. N. Fountas
M. Fratzoglou
N. Georgakoulis
C. Gogos
E. Kampouridis

A. Kapetanakis
I. Magras
P. Nomikos
T. S. Paleologos
V. Panagiotopoulos
A. Prassas
F. Sotiriou
P. Toulis
P. Tsitsopoulos
K. Tsoleka
K. Vlachos
S. Voulgaris

Educational Committee

Stefanos Korfias
Themistoklis Papisilekas
Parmenion Tsitsopoulos

Audit Committee

Eleni Karakosta
Konstantinos Barkas
Andreas Zigouris

Ethics Committee

Georgios Pavlidis
Nikolaos Symmos
Moschos Fratzoglou

Organization



HELLENIC NEUROSURGICAL SOCIETY
15 Maiandrou Str., 11528, Athens
T: +30 210 7255459
hns@otenet.gr • hns1966@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

WELCOME ADDRESS

Dear Colleagues,

It is a true honor to welcome you to the **17th Annual Neurosurgery Nurses Meeting**, which is organized in Corfu on the 14th of June 2024, during the 37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery.

Our meeting is a Panhellenic gathering of all health workers focused on the Neurosurgical patient. The scope of this annual gathering is not only the holistic approach and presentation of experiences, knowledge exchange and discussion between all interdisciplinary teams, but also the familiarization with recent advances and their scientific applications, as well as the cultivation and transference of skills, with the purpose of their appropriate utilization. Our goal is to create an excellent and stimulating environment for participants, so that all scientific fields are covered. As Aristotle, the ancient philosopher, said "It is best to rise from life as from a banquet, neither thirsty nor drunken".

Corfu will give us a warm welcome. A truly cosmopolitan island, and the largest of the Ionian islands. Start with a walk of the Spianada and Liston, explore the Old and New Fortress, light a candle to the island's patron saint, Saint Spyridon. Visit the palace of Saints Michael and George, with its captivating architecture. Let the Mon Repos and the enchanting Achilleion - summer residence of Sissy, the Austro-Hungarian princess - dazzle you. Don't forget to pass by two of the most characteristic points of reference, the Kanoni, where the old Corfu town was located and the Pontikonissi that hosts the Byzantine Pantokrator Church.

Finally, wander through the island's narrow streets, discover hidden secrets and taste the local kumquat, the amazing cuisine and quality wines.

If despite this you are still not convinced to participate in the 17th Annual Neurosurgery Nurses Meeting, then I am willing to offer countless other reasons that a few sentences would not do them justice.

Waiting to warmly welcome all of you to our meeting.

Zika Giolanta



President of the 17th Annual Neurosurgery Nurses Meeting



COMMITTEES

Committees

Organizing Committee

President

G. Zika

Members

D. Alexiou	P. Moschovi
G. Alimani	V. Nikolaidis
M. Avgeri	M. Palaskas
N. Boutsikaki	T. Papanikolaou
A. Chatzantonaki	G. Papantoniou
E. Danidou	S. Pappas
V. Drosou	O. Raska
C. Exarchos	I. Sapountzis
M. Fotiadou	E. Skouteli
I. Galatianou	A. Smpontias
F. Giakovi	I. Stefanidis
K. Kaiva	A. Theodosiou
K. Karakostas	P. Vasileiou
A. Katsarou	L. Vlachodimitropoulou
C. Koloka	K. Zervaki
A. Mastrokostas	P. Zotou
S. Menti	M. Zotou

Honorable Committee

G. Fyseki
I. Koutelekos
G. Ntavoni



37th Annual Congress of the
Hellenic Neurosurgical Society
& Joint Meeting with the
Bulgarian Society of Neurosurgery



Scientific
PROGRAM



Thursday
13 June 2024

14:30 - 15:30 >>

Registrations

15:30 - 16:30 >>

Young Neurosurgeons Session - Literature Update

Chairs: N. Mazarakis, K. Themistoklis

Update on Traumatic Brain Injury

C. Tzerefos

Update on intracerebral hematomas surgery

K. Papadopoulou

Update on Pregnancy and Neurosurgery

M. Karagianni

Update on Pediatric Oncology

E. Antoniadis

Discussion

16:30 - 17:30 >>

Young Neurosurgeons Session - Cases Discussion and Decision Making on TBI and Brain Gliomas

Presenters: C. Anagnostopoulos, E. Kogias

17:30 - 18:00 >>

Coffee Break

SCIENTIFIC PROGRAM

Thursday
13 June 2024

18:00 - 19:00 >>

Oral Presentations - Glioma

Chairs: A. Zigouris, G. Kalostos

OP01

ACCURACY OF INTRAOPERATIVE FLOW CYTOMETRY FOR THE DIAGNOSIS OF INTRACRANIAL TUMORS

Alexiou G.^{1,2}, Vartholomatos G.^{2,3}, Markopoulos G.^{2,3}, Goussia A.⁴, Kyritsis A.P.², Voulgaris S.^{1,2}

¹ Department of Neurosurgery, University of Ioannina, Ioannina, Greece

² Neurosurgical Institute, University of Ioannina, Ioannina, Greece

³ Haematology Laboratory - Unit of Molecular Biology and Translational Flow Cytometry, University Hospital of Ioannina, Ioannina, Greece

⁴ Department of Pathology, University of Ioannina, Ioannina, Greece

OP02

IDENTIFICATION OF PANK4 AS A MODULATOR OF TEMOZOMIDE RESISTANCE IN GLIOBLASTOMA

Vella V.¹, Gagliano T.², Kerschbamer E.², Pearl F.¹, Mazarakis N.^{3,4}, Klinakis A.⁵, Giamas G.¹

¹ Department of Biochemistry and Biomedicine, School of Life Sciences, University of Sussex, Falmer, Brighton BN1 9QG, UK

² Department of Medicine, University of Udine, Udine 33100, Italy

³ Royal Sussex County Hospital, University Hospitals Sussex NHS Foundation Trust, Eastern Rd, Brighton, BN2 5BE

⁴ School of Medicine RCSI, Royal College of Surgeons in Ireland, 123 St. Stephen's Green, Dublin 2, Ireland

⁵ Center of Basic Research Biomedical Research Foundation of the Academy of Athens, Athens 11527, Greece

OP03

A SIMPLIFIED CLASSIFICATION SYSTEM FOR THE TRANSVERSE, SIGMOID AND SUPERIOR PETROSAL SINUS CONFIGURATION BASED ON A CASE SERIES STUDY AND POSSIBLY CORRELATED TO PERIOPERATIVE COMPLICATIONS

Karampouga M.¹, Phoomnaonin I.¹, Affolter K.¹, Perez P.L.², Choby G.W.², Wang E.², Snyderman C.H.², Mcdowell M.M.¹, Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

OP04

TRANSITION FROM WHITE-LIGHT TO FLUORESCENCE-GUIDED RESECTION OF HIGH-GRADE GLIOMAS: A SINGLE CENTER PROSPECTIVE STUDY

Politis A.A., Lani E., Solou M., Zemperligkos P., Papadopoulos E., Banos S., Savvanis G., Ydreos I., Boviatsis E.J., Stavrinou L.

^{2nd} Department of Neurosurgery, National and Kapodistrian University, Athens Medical School, "Attikon" University Hospital, Athens, Greece

Thursday
13 June 2024

OPO5

**MANAGEMENT OF THE OLDER PATIENT WITH GLIOBLASTOMA IN THE UK:
AN INITIAL REPORT FROM THE HISTO-MOL GBM COLLABORATIVE**

Robinson S.D.^{1,2}, Mazarakis N.K.^{16,18}, Ryan K.³, Black L.³, Forner S.³,
Hatton N.L.⁴, Hatton R.⁴, Aktar N.⁴, Lathangue H.⁵, Conkey D.⁶,
Durage P.T.T.⁷, MacArthur R.⁸, Teoh M.⁹, Choudhury M.⁹, Bowman M.⁹,
Cavalli C.⁹, De Luna P.¹⁰, Christodoulou P.¹⁰, Hill T.¹⁰, Williams A.¹¹,
Golten J.¹², Aghadiuno T.¹², Yogalingam K.¹³, Lau S.¹⁴, Kahan J.¹⁵, Dixit S.⁴,
Guglani S.⁷, Williams M.⁹, Lewis R.¹⁰, Moleron R.¹¹, Iqbal N.S.¹², Wadd N.¹³,
Lord H.¹⁴, Bhat P.K.¹⁵, Giamas G.², Lorimer C.¹, Chandy E.¹, Critchley G.^{16,17}

¹ Sussex Cancer Centre, University Hospitals Sussex NHS Foundation Trust, Brighton, BN2 5BD, UK

² Department of Biochemistry and Biomedicine, School of Life Sciences, University of
Sussex, Falmer, BN1 9QG, UK

³ Kent Oncology Centre, Maidstone @ Tunbridge Wells NHS Trust, Kent, ME16 9QQ, UK

⁴ Department of Clinical Oncology, Hull University Teaching Hospitals NHS,
Foundation Trust, Hull, HU3 2JZ, UK

⁵ Brighton and Sussex Medical School, Falmer, BN1 9PX, UK

⁶ NI Cancer Centre, Belfast Health and Social Care Trust, Belfast, BT9 7AB, UK

⁷ Department of Oncology, Gloucestershire Hospitals NHS Foundation Trust, Gloucester, GL1 3NN,
UK

⁸ St Luke's Cancer Centre, Royal Surrey County Hospital NHS Foundation Trust,
Guildford, GU2 7XX, UK

⁹ Department of Radiotherapy, Imperial College Healthcare NHS Trust, London,
W6 8RF, UK

¹⁰ Department of Oncology, Barts Health NHS Trust, London, E1 1BB, UK

¹¹ Department of Oncology, NHS Grampian, Aberdeen, AB25 2ZG, UK

¹² Cardiff Neuro-Oncology Centre, Velindre University NHS Trust, Cardiff, CF15 7QZ, UK

¹³ Department of Neuro-oncology, South Tees Hospitals NHS Foundation Trust,
Middlesbrough, TS4 3BY, UK

¹⁴ Tayside Cancer Centre, NHS Tayside, Dundee, DD21UB, UK

¹⁵ South West Wales Cancer Centre, Swansea Bay University Health Board, Swansea,
SA2 8QD, UK

¹⁶ Department of Neurosurgery, University Hospitals Sussex NHS Foundation Trust,
Brighton, BN2 5BE, UK

¹⁷ Section of Neurosurgery, Department of Surgical Sciences, Dunedin School of
Medicine, University of Otago, Dunedin, 9016, New Zealand

¹⁸ Royal College of Surgeons in Ireland, University of Medicine @ Health Sciences,
123 St Stephen's Green, Dublin 2, D02 YN77, Ireland

OPO6

**ANTINEOPLASTIC ACTIVITY OF 9" - LITHOSPERMIC ACID METHYL ESTER
IN GLIOBLASTOMA CELLS**

Tzitiridou P.¹, Zoi V.¹, Papagrigoriou T.², Lazari D.², Sioka C.¹, Alexiou G.A.^{1,3},
Voulgaris S.^{1,3}, Kyritsis A.P.¹

¹ Neurosurgical Institute, University of Ioannina, Ioannina, Greece

² Laboratory of Pharmacognosy, Division of Pharmacognosy-Pharmacology, School of Pharmacy,
Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece

³ Department of Neurosurgery, University of Ioannina, Greece



SCIENTIFIC PROGRAM

Thursday
13 June 2024

OP07

ICU ADMISSION AFTER ELECTIVE CRANIOTOMY: BENEFIT OR BURDEN?

Feretos G.^{1,2}, Kogias E.^{1,2}, Chatzichristidou S.², Tsaousi G.^{2,3}, Chatsiou E.^{2,3}, Foroglou N.^{1,2}

¹ Neurosurgical Department, AHEPA University Hospital of Thessaloniki, Greece

² Aristotle University of Thessaloniki, Greece

³ Anesthesiology Department, AHEPA University Hospital of Thessaloniki, Greece

19:00 - 19:10 >>

Update on EANS

K. Fountas

19:10 - 19:20 >>

Update on WFNS

G. Alexiou

19:20 - 20:30 >>

Opening Ceremony

Welcome Addresses

EANS representative, A. Demetriades

Tribute to A. Valavanis

Presentation by A. Andreou

Opening Lecture: F. Tsitsopoulos

Εκτιμήσεις από την μακροχρόνια διαδραστική σχέση με την Ελληνική
Νευροχειρουργική Εταιρεία

Friday
14 June 2024

08:15 - 09:15 >>

Oral Presentations - Skull Base

Chairs: D. Charitos, A. Karagianni

OP08

SURGICAL TREATMENT OF 3RD VENTRICLE COLLOID CYSTS

C. Gkolemis

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

OP09

INTRADURAL VERSUS EXTRADURAL ANTERIOR CLINOIDECTOMY IN SKULL BASE AND NEUROVASCULAR PATHOLOGY: OUR 5-YEAR INSTITUTIONAL EXPERIENCE AND ILLUSTRATIVE CASES

Malli A., Papakonstantinou K., Valadakis V., Paidakakos N., Georgakoulias N.

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

OP10

A FIVE-YEAR CLINICAL EXPERIENCE WITH THE 'INSIDE-OUT' TECHNIQUE FOR RESECTION OF CRANIOPHARYNGIOMAS DURING THE ENDOSCOPIC ENDONASAL APPROACH (EEA)

Karampouga M.¹, Affolter K.¹, Choby G.W.², Wang E.², Snyderman C.H.², Mcdowell M.M.¹, Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA.

² Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

OP11

MINIMALLY INVASIVE LATERAL ORBITOTOMY FOR MIDDLE FOSSA AND ORBITAL LESIONS

Patel B.¹, Karampouga M.¹, Cabral D.F.¹, Terrarosa A.K.², Bonhomme G.R.², Stefko S.², Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for skull base surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Ophthalmology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

OP12

STEREOTACTIC RADIOSURGERY FOR KOOS IV VESTIBULAR SCHWANNOMA: A RETROSPECTIVE, MULTI-INSTITUTIONAL STUDY

Protopapa M.¹, Pikis S.¹, Mantziaris G.², Sheehan J.P.²

¹ Radiation Oncology @ Stereotactic Radiosurgery Center, Mediterraneo Hospital, Glyfada, Greece

² Department of Neurological Surgery, University of Virginia, Charlottesville, Virginia, USA

OP13

THE CHALLENGE OF TUBERCULUM SELLAE MENINGIOMAS

Katsikas A., Gkalonakis J., Simoglaki E., Charalampous-Georgoulakos I., Paleologos T.S., Barkas K.

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

SCIENTIFIC PROGRAM

Friday
14 June 2024

OP14

**THE SUPRAORBITAL KEYHOLE APPROACH AND ITS POSSIBILITIES:
A 10-YEAR SINGLE CENTER EXPERIENCE**

Sakellaridou M.E., Georgountzos G., Kakatsidi R., Charalampous-Georgoulakos I.,
Papadopoulos-Manolarakis P., Fratzoglou M.

General Hospital of Nikea-Pireus "Agios Panteleimon", Neurosurgical Department, Athens, Greece

09:15 - 10:30 >>

Cranial Approaches to the Infratentorial Area

Chairs: S. Lafazanos, T. Paleologos

Midline suboccipital approach

E. Papadopoulos

Retrosigmoid Approach

M. Fratzoglou

Paramedian Supracerebellar transtentorial approach - lessons learned

U. Türe

Far Lateral Approach

O. Bozinov

Discussion

10:30 - 11:00 >>

Coffee Break

11:00 - 12:30 >>

Skull base Session

Chairs: E. Boviatsis, U. Türe

**Endoscope assisted microscopic transorbital approach via an eyebrow
incision to the pterygopalatine fossa. A cadaveric study**

V. Xenaki

Management of Cerebellopontine Angle meningiomas

M. Fratzoglou

360° Skull Base Surgery

G. Zenonos

The endonasal route for midline skull base meningiomas

L.M. Cavallo

Discussion

12:30 - 13:15 >>

Workshop on Transcranial Magnetic Stimulation

C. Georgopoulos, A. Koliass, M. Khakoo-Georgopoulos

13:15 - 14:00 >>

Coffee Break

Friday
14 June 2024

14:00 - 15:15 >>

Neurooncology - Brain Gliomas

Chairs: G. Alexiou, S. Voulgaris

Supratentorial tumors and epilepsy

M. Argyropoulou

Flow Cytometry. History and perspective

G. Vartholomatos

Intraoperative techniques in glioma surgery

E. Kogias

The updated WHO classification

A. Gousia

Discussion

15:15 - 16:30 >>

Spine Degenerative Disease

Chairs: A. Brotis, K. Tsoleka

Surgical management of thoracic disc herniation

K. Barkas

Endoscopic techniques in the lumbar spine

E. Karakosta

Surgery for cervical OPLL - When and How

A. Spiliotopoulos

Surgical treatment of degenerative deformities in the cervical spine

N. Paidakakos

Discussion

16:30 - 17:00 >>

Coffee Break

17:00 - 18:00 >>

Functional Neurosurgery - Epilepsy

Chairs: C. Constantoyannis, N. Chaliasos

Epilepsy surgery in the pediatric population

I. Mavridis

Temporal lobectomy Complications Avoidance - Strategy Development

K. Fountas

Seven steps to improve epilepsy surgery

P. Winkler

Vagus nerve stimulation. Past, present and future

S. Korfias

SCIENTIFIC PROGRAM

Friday
14 June 2024

18:00 - 18:30 >>

Satellite Lecture (see page 58)
MRgFUS option for ET and TDPD
Single centers experiences, lessons learned and future prospects
Dr Marta del Álamo de Pedro

18:30 - 19:30 >>

Oral Presentations - Skull Base
Chairs: E. Karakosta, I. Patsalas

OP15

**PETROCLIVAL MENINGIOMA. COMBINED SUPRATENTORIAL
INFRATENTORIAL. TRANSPETROSAL APPROACH. ANATOMY AND
TECHNIQAL DETAILS. VIDEO DEMONSTRATION**

Mpairamidis E.
Neurosurgical department, Vostaneio General Hospital of Lesbos Island, Greece

OP16

**TEMPORALIS FACIA FLAP TUNNELISATION THROUGH THE PTERYGOID
BONE ENDOSCOPIC TECHNIQUE**

Kavoura K.¹, Passeri T.², Froelich S.³
Neurosurgical Department, Lariboisière Hospital, Paris, France

OP17

**MINIMAL INVASIVE TRANSORBITAL APPROACHES: STEP-BY-STEP DISSEC-
TION, SKULL BASE EXPOSURE AND QUALITATIVE CHARACTERISTICS**

Karampouga M.¹, Terrarosa A.K.², Bhuvic P.¹, Affolter K.¹, Stefko T.S.², Choby G.W.³, Wang E.³, Snyderman C.H.³, Mcdowell M.M.¹, Gardner P.A.¹, Zenonos G.A.¹
¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA
² Department of Ophthalmology, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA
³ Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

OP18

**CLINICAL FEATURES AND SURGICAL OUTCOMES OF TRIGEMINAL
NEURALGIA CAUSED BY SOLE VENOUS COMPRESSION: A 7-YEAR
RETROSPECTIVE STUDY OF A SINGLE INSTITUTION**

Sakellaridou M.E., Georgountzos G., Simoglaki E., Papadopoulos-Manolarakis P., Paleologos T., Fratzoglou M.
*Neurosurgery Department, General Hospital of Nikea - Pireus "Agios Panteleimon",
Neurosurgical Department, Athens, Greece*

OP19

**TRANSORBITAL NEUROENDOSCOPIC APPROACH TO THE ANTERO-LATERAL
BRAINSTEM: A CADAVERIC STUDY AND ANATOMICAL GUIDE TO INFORM
SURGICAL PRACTICE**

Zemperligkos P., Politis A.A., Lani E., Solou M., Banos S., Savvanis G. Ydreos I., Boviatsis E.J., Stavrinou L.
2nd Department of Neurosurgery, Medical School, National and Kapodistrian University of Athens, Attikon University Hospital, Athens, Greece

Friday
14 June 2024

OP20

A CADAVERIC STUDY ON THE EXTENDED ENDOSCOPIC ENDONASAL TRANS-PLANUM, TRANS-MEDIALOPTICOCAROTIDRECESS OPTIC CANAL DECOMPRESSION

Karampouga M.¹, Terrarosa A.K.², Affolter K.¹, Stefko T.S.², Choby G.W.³, Wang E.³, Mcdowell M.M.¹, Snyderman C.H.³, Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Ophthalmology, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

³ Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

OP21

THE ENDOSCOPIC ENDONASAL SURGERY TO THE LATERAL COMPARTMENT OF THE CAVERNOUS SINUS: STEP-BY-STEP DISSECTION, ANATOMICAL CONSIDERATIONS AND CLINICAL EXPERIENCE

Phoomnaonin I.¹, Karampouga M.¹, Wang E.², Choby G.W.², Snyderman C.H.², Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

19:30 - 20:30



General Assembly

SCIENTIFIC PROGRAM

Saturday
15 June 2024

08:30 - 09:30 >>

Oral Presentations - Spine

Chairs: K. Vlachos, L. Stavrinou

OP22

CARE-AI: A NOVEL AI MODEL TO PREDICT SUSPECTED CAUDA EQUINA SYNDROME WITHOUT MR

Tolias C.S.¹, Kagias IG.¹, Mazarakis NK.^{1,2}

¹ Department of Neurosurgery, University Hospitals Sussex, Brighton, UK

² Royal College of Surgeons in Ireland, School of Medicine, Dublin, Ireland

OP23

SURGICAL TREATMENT OF SPINAL DURAL ARTERIOVENOUS FISTULAS: A CASE SERIES

Lani E., Politis A.A., Zemperligkos P., Solou M., Papadopoulos E., Banos S., Savvanis G., Ydreos I., Boviatsis E.J., Stavrinou L.

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

OP24

NEW DIAGNOSTIC FOR THE EVALUATION OF SENESCENT CELLS IN INTERVERTEBRAL DISCS BASED ON LIPOFUSCIN STAINING

Chamilos C.

Pediatric Neurosurgery Department, Iaso Childrens' Hospital, Marousi, Greece

OP25

LONG TERM OUTCOME RESULTS AFTER CERVICAL DISC REPLACEMENT COMPARISON WITH FUSION AND HYBRID METHODS

Neophytou N.¹, Neophytou G.², Christopoulos A.³

¹ Neurosurgical Clinic - Athens Medical Group

² University Clinic Vienna (AKH)

³ American Medical Center Nicosia Objective

OP26

COMPARISON OF PATIENT'S REPORTED LEVEL OF PAIN FOLLOWING REVISION LUMBAR DISCECTOMY VERSUS REVISION SURGERY WITH RESECTION OF SCAR TISSUE

Murphy S.¹, O'Reilly K.¹, Nolan D.¹, Corr P.¹, Mazarakis N.^{1,2}, Bolger C.¹

¹ Department of Neurosurgery, Beaumont Hospital, Beaumont, Dublin, Ireland

² Department of Neurosurgery, University Hospitals Sussex NHS Foundation Trust, UK

OP27

NEGATIVE CEREBRAL EFFECT OF CSF

Spyrou A., Spyrou M.

Blue Cross Medical Center, Paphos, Cyprus

OP28

SPINE SURGERIES FOR THE MONEY OR LACK OF KNOWLEDGE OF THE DOCTOR

Spyrou M., Spyrou A., Tsianaka E., Ioannou A.

Blue Cross Medical Center, Paphos, Cyprus

Saturday
15 June 2024

09:30 - 10:30 >>

Vascular Stroke

Chairs: P.G. Papanikolaou, V. Panagiotopoulos

Endovascular treatment of stroke – organization of a stroke center - initial Experience

N. Velinov

Endovascular treatment in a stroke patient with vertebral artery dissection

M. Petrov

Decompressive Craniectomy. What is new?

P. Papadopoulos - Manolarakis

Discussion

10:30 - 11:00 >>

Coffee Break

11:00 - 12:15 >>

Brain Tumors

Chairs: N. Foroglou, S. Constantinou

Surgical results from pituitary adenoma surgery

T. Paleologos

Strategies for intraaxial brainstem surgeries

O. Bozinov

Endoscopic endonasal approach for “Unconventional” pituitary adenomas

L.M. Cavallo

Microsurgical management of midbrain gliomas

U. Türe

Discussion

12:15 - 13:30 >>

Challenging Spine Cases

Presenters - Moderators: D. Bouramas, J. Magras

Panel: N. Gabrovsky, I. Nikolaidis, A. Prassas, P. Tsitsopoulos, K. Vlachos

13:30 - 14:00 >>

Light Lunch



SCIENTIFIC PROGRAM

Saturday
15 June 2024

14:00 - 15:15 >>

Vascular Neurosurgery

Chairs: A. Mitsos, V. Panagiotopoulos

Cerebral aneurysms. Current treatment strategies and future perspectives

T. Papisilekas

The hybrid neurovascular surgeon

V. Panagiotopoulos

Brain revascularization. Lessons learned

A. Andreou

Greek and European Vascular Neurosurgery: Keep the pace

N. Foroglou

Insights of a single-surgeon's experience after performing almost 1000 surgeries for intracranial aneurysms

N. Georgakoulis

Discussion

15:35 - 16:15 >>

Radiosurgery

Chairs: S. Korfiatis, P. Pantelakos

Radiosurgery and Skull base surgery as complementary tools in the Management of skull base lesions

V. Xenaki

Radiosurgery for brain metastases

O. Athanasiou

Discussion

16:15 - 16:45 >>

Invited Lecture

Chairs: P. Tsitsopoulos, S. Voulgaris

Increasing the security and safety of medical care - Cognitive biases and their avoidance

N. Gabrovsky

16:45 - 17:15 >>

Coffee Break

Saturday
15 June 2024

17:15 - 18:30 >>

Spine Injuries

Chairs: S. Banos, A. Prassas

Neurogenic and Spinal shock

I. Nikolaidis

Timing for Surgery

N. Mazarakis

Posttraumatic Kyphosis

L. Stavrinou

Update on clinical trials

P. Tsitsopoulos

Discussion

18:30 - 19:40 >>

Oral Presentations - Vascular

Chairs: T. Papisilekas, V. Tsitouras

OP29A

BRAIN VASCULAR ANOMALIES

G. Pavlidis

Interventional Neuroradiology Department, Euroclinic, Athens, Greece

OP29

AVM TREATMENT TRIFECTA. THE MULTIDISCIPLINARY APPROACH TO ACHIEVE OBLITERATION. A SINGLE CENTER EXPERIENCE OF 10 YEARS

Charitos D.¹, Georgis P.A.¹, Chrissicopoulos C.¹, Plakas S.^{1,2}, Andreou A.¹

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

² Neurosurgical Department, 401 General Military Hospital, Athens, Greece

OP30

THE CORRELATION BETWEEN THE SITE OF AN AVM AND THE PRESENCE OF FLOW RELATED ANEURYSMS AND THEIR ROLE IN THE HISTORY OF THE DISEASE. A SINGLE CENTER EXPERIENCE OF 180 CASES FROM 2010-2021

Charitos D.¹, Georgis P.A.¹, Chrissicopoulos C.¹, Plakas S.^{1,2}, Andreou A.¹

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

² Neurosurgical Department, 401 General Military Hospital, Athens, Greece

OP31

INTRACRANIAL ANEURYSMS TREATED VIA THE EXTENDED ENDONASAL APPROACH (EEA) IN A SINGLE CENTER: A CASE SERIES

Karampouga M.¹, Affolter K.¹, Choby G.W.², Wang E.², Snyderman C.H.², Mcdowell M.M.¹, Gardner P.A.¹, Zenonos G.A.¹,

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA



SCIENTIFIC PROGRAM

Saturday
15 June 2024

OP32

USE OF NON-PENETRATING TITANIUM ANASTOMOTIC CLIPS IN PLANNED PRIMARY DURAL CLOSURE; STUDY ON SAFETY AND EFFECTIVENESS AND A TECHNICAL NOTE

Thoma C., Russo V., Sayal P., Rezajooi K., Casey A., Prezerakos G.
Victor Horsley Department of Neurosurgery, National Hospital for Neurology and Neurosurgery, London, United Kingdom

OP33

SURGICAL MANAGEMENT OF POSTERIOR FOSSA ARTERIOVENOUS MALFORMATIONS: ILLUSTRATION OF CASES

Manakis A., Malli A., Tsangaris C., Gkolemis C., Georgakoulias N.
Neurosurgical Department, General Hospital of Athens Georgios Gennimatas

OP34

GAMMA KNIFE SURGERY OF CEREBRAL ARTERIOVENOUS MALFORMATIONS. A RETROSPECTIVE ANALYSIS OF NIDUS OBLITERATION

Chrissicopoulos C.¹, Charitos D.¹, Georgis P.-A.¹, Plakas S.^{1,2}, Andreou A.¹
¹ *2nd Neurosurgical and Interventional Neuroradiology Department, Hygeia Hospital, Marousi, Greece*
² *Neurosurgical Department, 401 General Military Hospital, Athens, Greece*

OP35

Will be presented as lecture on Saturday 15 June 2024 (see page 21)

21:00



Gala Dinner

Sunday
16 June 2024

09:00 - 10:15 >>

Oral Presentations - Pediatric - Oncological

Chairs: D. Giakoumettis, S. Lafazanos

OP36 INTRAVENTRICULAR MENINGIOMAS

Bhatoe H.S.

Max Super Specialty Hospital, Mohali Punjab, India

OP37 EXTENSIVE CRANIO-ORBITAL RECONSTRUCTION OF CROUZON'S SYNDROME IN NEGLECTED ADULT PATIENTS. STEPWISE VIDEO PRESENTATION

Karydakis P.¹, Papakonstantinou K.¹, Dravopoulos I.¹, Georgoulis G.¹, Smonias V.²

¹ Department of Neurosurgery, General Hospital of Athens "G. Gennimatas"

² Department of Craniomaxillofacial Surgery, General Hospital of Athens "G. Gennimatas"

OP38 CEREBRAL VENOUS SINUSES DISTURBANCES IN PEDIATRIC BRAIN TRAUMA

Plessias C., Paraskevopoulou K., Tokas G., Mavridis I., Birbilis T.

Pediatric Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

OP39 SURGICAL MANAGEMENT OF SUPRATENTORIAL MENINGIOMAS IN PATIENTS OVER 75 YEARS OLD

Katsikas A., Gkalonakis J., Georgountzos G., Trianti C., Sakellaridou M.E., Papanikolaou P.G., Paleologos T.S.

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

OP40 INTRAVENTRICULAR TUMOURS: OUR 4-YEAR INSTITUTIONAL EXPERIENCE

Papakonstantinou K., Dravopoulos I., Malli A., Papadimitriou G., Theodoropoulos S., Gkolemis C., Paidakakos N., Georgakoulias N.

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

OP41 NEUROSURGICAL PRACTICE IN A SINGLE CENTER: A RETROSPECTIVE STUDY OF ANALYSIS OF A 5-YEAR PERIOD

Almasarwah B., Giakoumettis D., Vavoulis G., Vogiatzoglou T., Amanatidou E., Rados K., Mylonakis I., Vlachos K.

Neurosurgical Department, "KAT" General Hospital of Athens, Greece

SCIENTIFIC PROGRAM

Sunday
16 June 2024

OP42

VASCULAR LESIONS OF THE CENTRAL NERVOUS SYSTEM IN THE PEDIATRIC POPULATION OF THRACE: A THREE-YEAR ANALYSIS

Mavridis I., Plessias C., Birbilis T.

Pediatric Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus

University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

OP43

REMOTE CEREBELLAR HEMORRHAGE: A RARE COMPLICATION FOLLOWING LUMBAR DRAIN PLACEMENT

Paraskevopoulou K., Plessias C., Mavridis I., Birbilis T.

Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus

University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

OP44

A STANDARDISED SURGICAL PROTOCOL FOR CEREBROSPINAL FLUID SHUNT REVISION IN IDIOPATHIC INTRACRANIAL HYPERTENSION PATIENTS

Solou M.¹, Welch J. P.¹, Momin S. M. B.¹, Rasool Y.¹, Byrne M.¹, Sinclair A. J.^{2,3}, Mollan S. P.^{3,4}, Bakopoulos K. A.⁵, Tsermoulas G.^{1,5}

¹ Department of Neurosurgery, Queen Elizabeth Hospital Birmingham, Birmingham, UK

² Department of Neurology, Queen Elizabeth Hospital Birmingham, Birmingham, UK

³ Institute of Metabolism and Systems Research, University of Birmingham, Birmingham, UK

⁴ Department of Neuro-Ophthalmology, Queen Elizabeth Hospital Birmingham, Birmingham, UK

⁵ Department of Neurosurgery, General Hospital of Agrinio, Agrinio, Greece

10:15 - 11:10 >>

Pediatric Neurosurgery

Chairs: C. Chrissikopoulos, I. Mavridis

Surgical treatment of spasticity

C. Chamilos

Spinal dysraphism

V. Tsitouras

Contemporary management of craniosynostosis

S. Sgouros

Discussion

11:10 - 11:30 >>

Coffe Break

Sunday
16 June 2024

11:30 - 12:30 >>

Traumatic Brain Injury

Chairs: C. Gatos, C. Gogos

Update on clinical trials

A. Kolias

Lobectomy in the management of severe head trauma

A. Brotis

The use of steroids in chronic subdural hematoma

A. Bimpis

Discussion

12:30 - 13:00 >>

Closing Lecture

Chair: M. Fratzoglou

The future curriculum in Neurosurgery

A. Demetriades

13:00 - 13:30 >>

Congress Summary and Closing Remarks

M. Fratzoglou and Hellenic Neurosurgical Society Board

17th Annual Neurosurgery
Nurses Meeting



Scientific
PROGRAM



Παρασκευή
14 Ιουνίου 2024

08:15 - 08:30 >>

Χαιρετισμοί

Μ. Φρατζόγλου, Πρόεδρος ΕΝΧΕ
Γ. Νταβώνη, Αναπληρώτρια Διοικήτρια 1^{ns} ΥΠΕ
Ι. Κουτελέκος, Πρόεδρος ΣΥΔΝΟΧ

08:30 - 09:15 >>

Στρογγυλό τραπέζι ΣΥΔΝΟΧ

Νοσηλευτική Διαχείριση ασθενούς με ανεύρυσμα εγκεφάλου

Προεδρείο: Κ. Καρακώστας, Ι. Κουτελέκος

08:30 - 08:45

Νοσηλευτική εκτίμηση στην Νευροχειρουργική Κλινική ασθενούς με ανεύρυσμα εγκεφάλου

Α. Μήτσιου

08:45 - 09:00

Περιεχειρητηκή Νοσηλευτική φροντίδα ασθενούς με ανεύρυσμα εγκεφάλου

Ι. Στεφανίδης

09:00 - 09:15

Νοσηλευτική φροντίδα αποκατάστασης ασθενούς με ανεύρυσμα εγκεφάλου

Γ. Ζήκα

09:15 - 10:00 >>

Κλινικό Φροντιστήριο - Workshop

Αρχές και Πλαίσιο για τη Διαχείριση των Αποβλήτων Υγειονομικών Μονάδων

Προεδρείο: Μ. Φωτιάδου, Π. Ζώτου

09:15 - 09:30

Καλές πρακτικές στη διαχείριση των αποβλήτων υγειονομικών μονάδων

Π. Ζώτου

09:30 - 09:45

Διαχείριση επικίνδυνων Αποβλήτων Νευροχειρουργικού τμήματος

Χ. Έξαρχος

09:45 - 10:00 >>

Ερωτήσεις - Διαδραστικό

10.00 - 10.30 >>

Ελεύθερες Ανακοινώσεις

Προεδρείο: Β. Δρόσου

ΟΡΝΟ1

ΑΝΕΥΡΥΣΜΑ ΕΓΚΕΦΑΛΟΥ: ΝΟΣΗΛΕΥΤΙΚΕΣ ΠΑΡΕΜΒΑΣΕΙΣ

Ηλιοπούλου Σ.¹, Μαυρίδου Δ.²

¹ Μονάδα Άσηπτης Νοσηλείας, 1^η Παθολογική Κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Θεσσαλονίκης ΑΧΕΠΑ

² 1^η Νευροχειρουργική Κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Θεσσαλονίκης ΑΧΕΠΑ



SCIENTIFIC PROGRAM

Παρασκευή
14 Ιουνίου 2024

OPN02

**ΒΕΛΤΙΣΤΕΣ ΤΕΚΜΗΡΙΩΜΕΝΕΣ ΠΡΑΚΤΙΚΕΣ ΣΤΗ ΝΟΣΗΛΕΥΤΙΚΗ ΦΡΟΝΤΙΔΑ
ΑΣΘΕΝΩΝ ΜΕ ΥΠΑΡΑΧΝΟΕΙΔΗ ΑΙΜΟΡΡΑΓΙΑ**

Μαστροκώστας Α., Παπανικολάου Τ., Ρόσκα Ο., Δανίδου Ε.
Νευροχειρουργική Κλινική, 424 Γ.Σ.Ν.Ε, Θεσσαλονίκη, Ελλάδα

OPN03

**Η ΑΠΟΤΕΛΕΣΜΑΤΙΚΟΤΗΤΑ ΤΗΣ ΠΝΕΥΜΑΤΙΚΗΣ ΣΥΜΠΙΕΣΗΣ
ΑΝΤΙΘΡΟΜΒΩΤΙΚΩΝ ΚΑΛΤΣΩΝ, ΣΤΗ ΠΡΟΛΗΨΗ ΤΗΣ ΦΛΕΒΙΚΗΣ
ΘΡΟΜΒΩΣΗΣ ΚΑΙ ΤΗΣ ΠΝΕΥΜΟΝΙΚΗΣ ΕΜΒΟΛΗΣ**

Ζώτου Μ.², Νικολαΐδης Β.², Σάρλης Π.²
¹ Τμήμα Ορθοπαιδικής, Γενικό Νοσοκομείο Καβάλας, Ελλάδα
² Τμήμα Νευροχειρουργικής, Γενικό Νοσοκομείο Καβάλας, Ελλάδα

10:30 - 11:00



Διάλειμμα Καφέ

11:00 - 13:00



**Κλινικό Φροντιστήριο - Workshop
Πρωτόκολλο Ενδοτραχειακής Βρογχοαναρρόφησης - Endotracheal
Suctioning Protocol**

Προεδρείο: Χ. Κολλόκα, Α. Θεοδοσίου

Διάλεξη: Κλινικές κατευθυντήριες οδηγίες

Α. Σμπόνιας

Επίδειξη βρογχοαναρρόφησης (Σενάριο 1)

Π. Μοσχόβη, Μ. Αυγέρη

**Διάλεξη: Αναρρόφηση βρογικών εκκρίσεων: Κλινικές κατευθυντήριες
οδηγίες**

Π. Μοσχόβη

Επίδειξη βρογχοαναρρόφησης (Σενάριο 2)

Π. Μοσχόβη, Μ. Αυγέρη

Διάλεξη: Παρουσίαση πρωτοκόλλου και εργαλείου ελέγχου

Δ. Αλεξίου

Πρακτική άσκηση σε προπλάσματα

Μ. Αυγέρη, Δ. Αλεξίου, Π. Μοσχόβη, Α. Σμπόνιας

Παρασκευή
14 Ιουνίου 2024

13:00 - 13:30 >>

Ελεύθερες Ανακοινώσεις

Προεδρείο: Π. Βασιλείου

OPN04

ΟΙ ΜΕΘΟΔΟΙ ΚΑΙ ΤΑ ΜΕΣΑ ΣΥΛΛΟΓΗΣ ΔΕΔΟΜΕΝΩΝ ΑΝΑΔΕΙΞΗ ΤΗΣ ΚΑΡΚΙΝΙΚΗΣ ΥΠΟΘΡΕΨΙΑΣ

Παππάς Σ., Γακοβή Φ., Δρόσου Β.
Νευροχειρουργικό Τμήμα, Πανεπιστημιακό Νοσοκομείο Λάρισας, Λάρισα, Ελλάδα

OPN05

ΒΙΟΔΕΙΚΤΕΣ ΕΝΤΟΠΙΖΟΜΕΝΟΙ ΣΤΟ ΣΑΛΙΟ ΣΕ ΑΣΘΕΝΕΙΣ ΜΕ ΚΡΑΝΙΟΕΓΚΕΦΑΛΙΚΕΣ ΚΑΚΩΣΕΙΣ. ΜΙΑ ΣΥΣΤΗΜΑΤΙΚΗ ΑΝΑΣΚΟΠΗΣΗ

Βλαχοδημητροπούλου Λ.¹, Ζήκα Γ.², Αλεξίου Γ.Α.¹, Βούλγαρης Σ.¹
¹ Νευροχειρουργική Κλινική, Πανεπιστημιακό Νοσοκομείο Ιωαννίνων
² Διεύθυνση Νοσηλευτικής Υπηρεσίας, Πανεπιστημιακό Νοσοκομείο Ιωαννίνων

OPN06

ΠΩΣ ΑΠΟΦΕΥΓΟΝΤΑΙ ΟΙ ΚΑΤΑΚΛΙΣΕΙΣ ΣΕ ΚΑΤΑΚΕΚΛΙΜΕΝΟΥΣ ΑΣΘΕΝΕΙΣ: ΝΟΣΗΛΕΥΤΙΚΕΣ ΠΑΡΕΜΒΑΣΕΙΣ

Δρόσου Β., Παππάς Σ.
Νευροχειρουργικό Τμήμα, Πανεπιστημιακό Νοσοκομείο Λάρισας, Λάρισα, Ελλάδα

13:30 - 14:00 >>

Διάλειμμα Καφέ

14:00 - 14:30 >>

Ελεύθερες Ανακοινώσεις

Προεδρείο: Μ. Ζώτου

OPN07

ΕΠΑΝΔΡΩΣΗ ΝΟΣΟΚΟΜΕΙΩΝ ΣΕ ΧΩΡΕΣ ΤΗΣ ΕΥΡΩΠΑΪΚΗΣ ΕΝΩΣΗΣ ΜΕ ΝΟΣΗΛΕΥΤΙΚΟ ΠΡΟΣΩΠΙΚΟ - ΠΑΡΑΘΕΣΗ ΣΤΟΙΧΕΙΩΝ

Αλιμάνη Γ.¹, Γαλατιανού Ι.²
¹ Νοσηλεύτρια, PhD(c), ΜΕΘ, Γ.Ν. Νίκαιας Πειραιά "Άγιος Παντελεήμων"
² Νοσηλεύτρια, MSc, Προϊσταμένη Νευροχειρουργικής κλινικής, Γ.Ν. Νίκαιας Πειραιά "Άγιος Παντελεήμων"

OPN08

ΔΙΟΙΚΗΣΗ ΑΝΘΡΩΠΙΝΩΝ ΠΟΡΩΝ (ΔΑΠ)

Ζήκα Γ.¹ Αλεξίου Γ.², Βούλγαρης Σ.²
¹ Διεύθυνση Νοσηλευτικής Υπηρεσίας, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων
² Νευροχειρουργική κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

14:20 - 14:30 >>

Συζήτηση

SCIENTIFIC PROGRAM

Παρασκευή
14 Ιουνίου 2024

14:30 - 15:15 >>

Στρογγυλό τραπέζι
Περιεχειρητική Νευροχειρουργική
Προεδρείο: Π. Τσιτσόπουλος

14:30 - 14:45

Γνωριμία με τα εργαλεία της Νευροχειρουργικής. Βασικές αρχές διαχείρισης
Ι. Στεφανίδης

14:45 - 15:00

Αναισθησιολογική παρακολούθηση σε Νευροχειρουργικούς ασθενείς
Μ. Παλάσκας

15:00 - 15:15

Προετοιμασία και διαδικασία εξιτηρίου Νευροχειρουργικού ασθενούς
Π. Μονιούδης

15:15 - 16:15 >>

Στρογγυλό Τραπέζι
Ακολουθώντας τα μονοπάτια της Κ.Ε.Κ. Διερεύνηση δεδομένων από το
Γ.Ν. Νίκαιας Πειραιά "Άγιος Παντελεήμων". Στατιστικά στοιχεία
Προεδρείο: Γ. Φυσέκη, Ι. Γαλατιανού

15:15 - 15:25

Υποδοχή και διαχείριση πολυτραυματία με Κ.Ε.Κ. από την Ομάδα Τραύματος
Ν. Μπουτσικάκη

15:25 - 15:35

Ποσοτικά χαρακτηριστικά αποτελεσμάτων CT Κ.Ε.Κ.
Α. Κατσαρού

15:35 - 15:45

Ο ρόλος της χειρουργικής θεραπείας στην αντιμετώπιση της Κ.Ε.Κ.
Α. Χατζαντωνάκη

15:45 - 15:55

Υποστηρίζοντας τη ζωή - Στρατηγικές διαχείρισης των Κ.Ε.Κ.
Γ. Αθιμάνη

15:55 - 16:05

Ο δρόμος για το εξιτήριο
Ι. Γαλατιανού

16:05 - 16:15

Συζήτηση

16:15 - 16:30 >>

Διάλεξη: Κατευθυντήριες Οδηγίες για τη Διαχείριση Ιατρικών Αποβλήτων
Π. Ζώτου
Προεδρείο: Λ. Βλαχοδημητροπούλου

16:30 - 17:00 >>

Διάλειμμα Καφέ

Παρασκευή
14 Ιουνίου 2024

17:00 - 17:20 >>

Ελεύθερες Ανακοινώσεις

Προεδρείο: Β. Νικολαΐδης

OPN09

ΜΕΤΑΤΡΟΠΗ ΜΙΑΣ ΣΥΜΒΑΤΙΚΗΣ ΝΕΥΡΟΧΕΙΡΟΥΡΓΙΚΗΣ ΔΙΘΥΩΣΑΣ ΚΑΙ Η ΔΙΕΓΧΕΙΡΗΤΙΚΗ ΑΝΤΙΜΕΤΩΠΙΣΗ ΑΣΘΕΝΟΥΣ ΜΕ ΝΟΣΟ PARKINSON, ΜΕ ΤΗ ΧΡΗΣΗ DPS, ΝΟΣΗΛΕΥΤΙΚΗ ΔΙΑΧΕΙΡΙΣΗ

Βασιλείου Π.¹, Ζήκα Γ.², Αλεξίου Γ.³, Βούλγαρης Σ.³

¹ RN, MSc, PhD, Χειρουργεί, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

² RN, MSc, PhD, Διεύθυνση Νοσηλευτικής Υπηρεσίας, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

³ Νευροχειρουργική Κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

OPN10

ΑΝΤΙΜΕΤΩΠΙΣΗ ΑΣΘΕΝΗ ΜΕ ΝΟΣΟ PARKINSON ΜΕ ΤΗ ΧΡΗΣΗ DBS, ΑΝΑΣΚΟΠΗΣΗ

Μεντή Σ., Φωτιάδου Μ., Έξαρχος Χ., Ζυγούρης Α., Αλεξίου Γ.Α., Βούλγαρης Σ.

Τμήμα Νευροχειρουργικής, Πανεπιστημιακό Νοσοκομείο Ιωαννίνων, Αθήνα

17:20 - 17:30 >>

Τελετή λήξης Ημερίδας Νοσηλευτών Νευροχειρουργικής

Η 17^η Επιστημονική Συνάντηση Νοσηλευτών Νευροχειρουργικής αξιολογήθηκε από την Ένωση Νοσηλευτών Ελλάδος (Ε.Ν.Ε.) με 6 μονάδες συνεχιζόμενης νοσηλευτικής εκπαίδευσης

37th Annual Congress of the
Hellenic Neurosurgical Society
& Joint Meeting with the
Bulgarian Society of Neurosurgery

& **17th** Annual Neurosurgery
Nurses Meeting



E - POSTERS



PP01

MORPHOLOGICAL CHARACTERISTICS OF UNRUPTURED INTRACRANIAL ANEURYSMS IN PATIENTS WITH VERTIGO: A CASE-CONTROL STUDY

Gkadaris G.^{1,3}, Kurland N.², Birbilis T.³, Riva R.⁴, Moreno-Gomez R.⁴, Laubacher M.⁴, Mattar A.⁴, Cao R.⁴, Picart T.¹, Hermann R.⁵, Pelissou-Guyotat I.¹, Guyotat J.¹, Eker O.⁴, Dumot C.¹

¹ Department of Neurosurgical Oncology and Vascular Neurosurgery, Pierre Wertheimer Neurological and Neurosurgical Hospital, Hospices Civils de Lyon, Lyon, France

² Department of Biostatistics, Hospices Civils de Lyon, Lyon, France

³ Department of Neurosurgery, University Hospital of Alexandroupolis, Alexandroupolis, Greece

⁴ Department of Neuroradiology, Pierre Wertheimer Neurological and Neurosurgical Hospital, Hospices Civils de Lyon, Lyon, France

⁵ Department of Ear-Nose and Throat, Hospices Civils de Lyon, Lyon, France

PP02

DELAYED DIAGNOSIS OF THORACIC SPINE MENINGIOMAS: A 10-YEAR RETROSPECTIVE STUDY OF A SINGLE INSTITUTION

Sakellariidou M.E., Georgountzos G., Kakatsidi R., Papadopoulos-Manolarakis P., Paleologos T., Fratzoglou M., Papanikolaou P.G.

General Hospital of Nikea - Pireus "Agios Panteleimon", Neurosurgical Department, Athens, Greece

PP03

RADIATION DOSIMETRY DURING ENDOSCOPIC DISCECTOMY PROCEDURES

Tsipouriaris P., Theofanopoulos A., Fermeli D., Krili S., Constantoyannis C.

Department of Neurosurgery, University Hospital of Patras, Greece

PP04

DOSIMETRIC RESULTS AND RELATED FACTORS USING THE O-ARM NAVIGATION SYSTEM IN SPINAL INSTRUMENTATION: A RETROSPECTIVE STUDY

Fermeli D., Tsipouriaris P., Theofanopoulos A., Krili S., Panagiotopoulos V., Constantoyannis C.

Department of Neurosurgery, University Hospital of Patras

PP05

SURGICAL TREATMENT OF SPINAL SYNOVIAL CYSTS - 5 YEAR EXPERIENCE

Kotceva Y., Ilkov P., Petrov M., Poptodorov G., Gerganov V., Velinov N., Gabrovsky N.

Neurosurgical Department, UMHATEM "N. I. Pirogov", Sofia, Bulgaria

PP06

A CASE OF A PSEUDO-TAIL ASSOCIATED WITH DERMAL SINUS AND TETHERED CORD

Monioudis P., Tsitsopoulos P.P., Tsitouras V., Magras J.

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

PP07

PENETRATING BRAIN INJURY THROUGH A PRE-EXISTING SKULL DEFECT

Keffes N., Varoutis P., Monioudis P., Skoulios N., Tsitsopoulos P.P., Magras J.

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

E - POSTERS

PP08

BASIC TECHNIQUE FOR LUMBAR MICRODISCECTOMY AS A TOOL OF NEUROSURGICAL EDUCATION: A 20-YEAR SINGLE CENTRE EXPERIENCE

Sakellaridou M.E., Gkalonakis J., Trianti C., Leventis A., Barkas K., Paleologos T., Papanikolaou P.G.

General Hospital of Nikea - Pireus "Agios Panteleimon", Neurosurgical Department, Athens, Greece

PP09

ANALYSIS OF FACTORS AFFECTING THE PREVALENCE OF POSTOPERATIVE NEUROSURGICAL INFECTIONS

Theofanopoulos A.¹, Tsiouriaris P.¹, Krili S.¹, Fermeli D.¹, Assimakopoulos S.-F.², Constantoyannis C.¹

¹ *Department of Neurosurgery, University Hospital of Patras, Greece*

² *Department of Infectious Diseases, University Hospital of Patras, Greece*

PP10

FETAL INTRAUTERINE LOW VELOCITY GUN SHOT PENETRATING BRAIN INJURY

Ovnarski S., Guleva V., Zaharinov M., Gabrovsky S., Gabrovsky N.

Department of Neurosurgery, UMHATEM "N. I. Pirogov"

PP11

COMPARING THE SAFETY OF TREATMENTS FOR ADULT BRAIN AVMS: A NETWORK METANALYSIS

Mylonakis I., Almasarwah B., Vavoulis G., Vogiatzoglou T., Rados K., Amanatidou E., Tsitlakidis A., Mitropoulos A., Karagianni A., Karakosta E., Vlachos K.

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

PP12

COMPLEX CHIARI CRANIOTOMY UNDER SEVERE COAGULOPATHY IN THE CONTEXT OF KLIPPEL-TRENAUNAY-WEBER SYNDROME

Vogiatzoglou T.¹, Giakoumettis D.¹, Rados K.¹, Amanatidou E.¹, Vavoulis G.¹, Almasarwah B.¹, Tsitlakidis A.^{1,2}, Mitropoulos A.¹, Tilidou K.³, 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, Greece*

³ *Blood Bank, KAT Attica General Hospital, Kifisia, Greece*

PP13

ENDOSCOPIC APPROACH FOR GIANT PITUITARY ADENOMA

Katsikas A.¹, Gkalonakis J.¹, Kakatsidi R.-A.¹, Simoglaki E.¹, Georgountzos G.¹, Davidi V.-F.², Papanikolaou P.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 *Department of Anesthesiology, General Hospital Of Nikaia - Piraeus 'Agios Panteleimon', Athens, Greece*

PP14

DIABETES INSIPIDUS ASSOCIATED WITH CONTINUOUS INFUSION OF DEXMEDETOMIDINE DURING POSTEROLATERAL THORACIC MICRODISCECTOMY: A CASE REPORT

Manika K.¹, Balakera C.¹, Charalampous-Georgoulakos I.², Katsikas A.², Sakellaridou M.E.², Barkas K.², Karathanasi S.¹

¹ Anaesthesiology and Pain Medicine Department, General Hospital of Nikea - Pireus, Athens, Greece

² Neurosurgical Department, General Hospital of Nikea-Pireus, Athens, Greece

PP15

SPONTANEOUS EPIDURAL HEMATOMA FOLLOWING SIGMOID SINUS THROMBOSIS DUE TO PYOGENIC MASTOIDITIS IN CHILDREN: A CASE REPORT

Fermeli D.¹, Kostopoulou E.², Tsiouriaris P.¹, Raftopoulos S.¹, Theofanopoulos A.¹, Liapikou P.S.², Markou G.², Gkentzi D.², Dimitriou G.²

¹ Department of Neurosurgery, University Hospital of Patras, Patras, Greece

² Department of Pediatrics, University Hospital of Patras, Patras, Greece

PP16

TRANSNASAL PENETRATING BRAIN INJURY IN CHILD. CASE REPORT AND REVIEW OF LITERATURE DATA

Ovnarski S., Kotceva Y., Zaharinov M., Gabrovsky N.

Neurosurgical Department, UMHATEM "N. I. Pirogov", Sofia, Bulgaria

PP17

PROGNOSTIC VALUE OF IMMUNOHISTOCHEMICAL MARKERS IN PITUITARY ADENOMAS AGGRESSIVENESS

Stefanidis P.¹, Vrettos P.-G.¹, Korfiatis S.², Christopoulos M.¹

¹ Department of Neurosurgery, General Hospital of Elefsina - Thrasio, Athens, Greece

² Department of Neurosurgery, Evaggelismos Hospital, Kapodistrian University of Athens, Greece

PP18

ANTERIOR C3 CORPECTOMY AND FUSION FOR THE TREATMENT OF PATIENT WITH CERVICAL DISK HERNIATION AND MYELOPATHY: A CASE REPORT

Vrettos P.-G., Christopoulos M., Stefanidis P.

Neurosurgical Department, General Hospital of Elefsina - Thrasio

PP19

BRAIN TUMOR OR STROKE?: PRESENTATION OF CEREBRAL STROKE AS A TUMOR-LIKE BRAIN LESION

Papadopoulos F., Papisilekas Th., Kokkinoplitis M., Gianadakis H., Karakalos S.P., Panourias I., Themistoklis K.

Neurosurgical Department, Red Cross Hospital, Athens, Greece

PP20

GIANT ANEURYSM OF THE V4 SEGMENT OF THE VERTEBRAL ARTERY: CASE REPORT AND LITERATURE REVIEW

Vavoulis G.¹, Karagianni K.¹, Almasarwah B.¹, Vogiatzoglou T.¹, Amanatidou E.¹, Rados K.¹, Tsitlakidis A.^{1,2}, Andreou A.³, 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, Greece

³ Neurosurgery and Interventional Neuroradiology Department, Hygeia Hospital, Athens, Greece

E - POSTERS

PP21

INTRACRANIAL MALT LYMPHOMA: CASE REPORT AND LITERATURE REVIEW OF AN EXTREMELY RARE ENTITY

Vavoulis G.¹, Karagianni K.¹, Amanatidou E.¹, Rados K.¹, Almasarwah B.¹, Vogiatzoglou T.¹, Tsitlakidis A.^{1,2}, Mitropoulos A.¹, Karakosta E.¹, Diamantopoulou K.³, 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, Greece

³ Department of Pathology, KAT Attica General Hospital, Kifisia, Greece

PP22

POSTERIOR FOSSA MEDULLOBLASTOMA WITH SPINAL SEEDING AT PRESENTATION IN AN ADULT: A CASE REPORT

Zigouris A., Alexiou G.A., Michos E., Voulgaris S., Pachatouridis D.
Neurosurgical Department, University Hospital of Ioannina, Ioannina, Greece

PP23

NEUROSURGERY IN ART: DEPICTING THE CENTRAL NERVOUS SYSTEM AND OPERATIONS ON IT THROUGH THE CENTURIES

Sakellaridou M.E., Simoglaki E., Papageorgiou N.

General Hospital of Nikea - Pireus "Agios Panteleimon", Neurosurgical Department, Athens, Greece

PP24

SUCCESSFUL TREATMENT OF CAUDA EQUINA LIKE SYMPTOMS BY S2 TARLOV'S CYSTS FENESTRATION

Dravopoulos I., Theodoropoulos S., Georgakoulis N.

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

PP25

THE BED NUCLEUS OF THE STRIA TERMINALIS AS A DEEP BRAIN STIMULATION TARGET: A LITERATURE REVIEW

Antoniades E.¹, Gkantsinikoudis N.¹, Monioudis P.¹, Tsamis K.², Theodosis K.³

¹ Second Neurosurgical University Clinic, Aristotle University of Thessaloniki, Hippokratation General Hospital, Thessaloniki

² Department of Neurology, University Hospital of Ioannina, Ioannina

³ Department of Neurosurgery, National and Kapodistrian University of Athens, Athens

PP26

TETHERED CORD SYNDROME (TCS) IN ADULT PATIENTS WITH PREVIOUSLY UNTETHERED SPINAL LIPOMA

Mitsios A., Chamilos C., Sgouros S.

Pediatric Neurosurgery Department, Iaso Childrens' Hospital, Marousi, Greece

PP27

UPPER CERVICAL FRACTURES IN MIDDLE AND OLDEST-ELDERLY POPULATION: A 5-YEAR RETROSPECTIVE STUDY OF A SINGLE INSTITUTION

Sakellaridou M.E., Gkalonakis J., Katsikas A., Papadopoulos-Manolarakis P., Barkas K., Papanikolaou P.G., Fratzoglou M., Paleologos T.S.

General Hospital of Nikea - Pireus "Agios Panteleimon", Neurosurgical Department, Athens, Greece

PP28 10 YEARS EXPERIENCE ON ACOUSTIC NEUROMAS

Kafritas D.G., Sotiropoulos A., Mpigiorgas P., Lampers M., Romeo E., Alexiou G., Voulgaris S.
University Hospital of Ioannina

PP29 A 73-YEAR-OLD ASYMPTOMATIC PATIENT WITH SUBEPENDYMAL GIANT CELL ASTROCYTOMA: CASE REPORT

Vogiatzoglou T.¹, Tsitlakidis A.^{1,2}, Vavoulis G.¹, Almasarwah B.¹, Rados K.¹, Amanatidou E.¹, Mylonakis I.¹, Karakosta E.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 Greece*

PP30 PAROXYSMAL SYMPATHETIC HYPERACTIVITY AFTER TRAUMATIC BRAIN INJURY (TBI)

Stamatopoulou A.¹, Katsikas A.², Kakatsidi R.-A.², Papadopoulos- Manolarakis P.², Lourountzis A.¹, Gkanas K.¹, Maurommatis A.¹, Paleologos T.S.²
¹ *Intensive Care Unit, General Hospital Of Nikaia - Piraeus "Agios Panteleimon", Athens, Greece*
² *Department of Neurosurgery, General Hospital of Nikaia - Piraeus "Agios Panteleimon", Athens, Greece*

PP31 EARLY POSTOPERATIVE COMPLICATIONS OF ANTERIOR CERVICAL SPINE SURGERY: OUR CENTER 'S EXPERIENCE

Katsikas A., Charalampous-Georgoulakos I., Trianti C., Sakellaridou M.E., Fratzoglou M., Paleologos T.S.
Department of Neurosurgery, General Hospital of Nikaia - Piraeus "Agios Panteleimon", Athens, Greece

PP32 SPONTANEOUS INTRACRANIAL HYPOTENSION PRESENTING AS BRAIN SAGGING SYNDROME: A CASE REPORT AND BRIEF REVIEW OF THE LITERATURE

Keramidotis I., Kogias E., Chatzichristidou S., Pagkou D., Foroglou N.
1st Neurosurgical Department, AHEPA University Hospital, Thessaloniki, Greece

PP33 ILLUSTRATIVE CASES OF SUPERIOR PETROSAL SINUS DURAL ARTERIOVENOUS FISTULAS

Malli A., Papakonstantinou K., Theodoropoulos S., Paidakakos N., Georgakoulias N.
Neurosurgical Department, General Hospital "Georgios Gennimatas", Athens, Greece

PP34 MANAGEMENT OF AN EXTENDED CERVICAL ABSCESS

Themistoklis K., Flaskas T., Papisilekas T., Mandilaras I., Karakalos S., Papadopoulos F.
Department of Neurosurgery, "Korgialenio - Benakio - HRC" General Hospital of Athens, Athens, Greece

E - POSTERS

PP35

SURGICAL TREATMENT IN A 13-YEAR-OLD PATIENT WITH SUBDURAL INTERHEMISPHERIC EMPYEMA. CLINICAL CASE AND REVIEW OF LITERATURE

Emilov M., Zakharinov M., Gabrovsky N.
Department of Neurosurgery, UMHATEM "N. I. Pirogov", Sofia, Bulgaria

PP36

MR SPECTROSCOPY IN NEUROONCOLOGY - CLINICAL APPLICATIONS AND CONTROVERSES

Kozic D.
University of Novi Sad Faculty of Medicine

PP37

3SURGICAL VERSUS CONSERVATIVE TREATMENT FOR LUMBAR DISK HERNIATION: A RETROSPECTIVE STUDY

Vrettos P.-G., Christopoulos M., Stefanidis P.
¹ General Hospital of Elefsina, Thrasio

PP38

RECURRENCE RATE OF LUMBAR DISC HERNIATION AFTER MICRODISCECTOMY IN YOUNG PATIENTS

Vrettos P.-G., Christopoulos M., Stefanidis P.
General Hospital of Elefsina, Thrasio

PP39

LOW BACK PAIN IN THE ADULT EMERGENCY DEPARTMENT AROUSE SUSPICION OF THE PRESENCE OF SARCOMA

Papadopoulos F., Papisilekas Th., Kokkinoplitis M., Gianadakis H., Karakalos S.P., Panourias I., Flaskas Th., Themistoklis K.
Neurosurgical Department, Red Cross Hospital, Athens, Greece

PP40

FACTORS AFFECTING PUMP SALVAGE

Themistoklis K.¹, Papisilekas T.¹, Mandilaras I.¹, Karakalos S.¹, Panourias I.¹, Korfias S.², Papadopoulos F.¹
¹ Department of Neurosurgery, "Korgialenio - Benakio - HRC" General Hospital of Athens, Athens, Greece
² Department of Neurosurgery, University of Athens, "Evangelismos" General Hospital of Athens, Athens, Greece

PP41

SURGICAL MANAGEMENT OF A SPINAL DURAL ARTERIOVENOUS FISTULA IN TWO CASES

Themistoklis K., Papisilekas T., Flaskas T., Mandilaras I., Anagnostopoulos C., Karakalos S., Papadopoulos F.
Department of Neurosurgery, "Korgialenio - Benakio - HRC" General Hospital of Athens, Athens, Greece

PP42

BILATERAL SUBDURAL HAEMATOMA DUE TO SPONTANEOUS INTRACRANIAL HYPOTENSION: REPORT OF TWO CASES AND LITERATURE REVIEW

Vavoulis G.¹, Tsitlakidis A.^{1,2}, Vogiatzoglou T.¹, Almasarwah B.¹, Amanatidou E.¹, Rados K.¹, Mylonakis I.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, Greece

PP43 **AMBIENT TEMPERATURE AND BACK PAIN**

Nikova A.^{1,2}, Konsolakis N.¹, Vlachakis E.³, Lipiridis S.¹, Siakavella M.¹, Birbilis Th.⁴, Korfiatis S.⁵

¹ Department of neurosurgery, Asclapieio Voulas Hospital, Athens, Greece

² Department of neurosurgery, Democritus university of Thrace, Alexandroupolis, Greece

³ Department of neurosurgery, 417 Army Equity Fund Hospital, Athens, Greece

⁴ Department of neurosurgery, Evangelismos Hospital, Athens, Greece

PP44 **LEPTOMENINGEAL CARCINOMATOSIS**

Giakoumettis D., Mourgela S., Kyrgiannis K., Bairaktaris A., Lilimpakis K., Argyros C., Petritsis K.

Neurosurgical Department, General Oncological Hospital "Agios Savvas", Athens, Greece

PP45 **A RARE CASE OF A SYMPTOMATIC INTRAOSSEOUS CAVERNOUS HEMANGIOMA IN THE THORACIC SPINE**

Giakoumettis D., Kyrgiannis K., Mourgela S., Bairaktaris A., Lilimpakis K., Argyros C., Petritsis K.

Neurosurgical Department, General Oncological Hospital "Agios Savvas", Athens, Greece

PP46 **CERVICAL LAMINOPLASTY AFTER RESECTION OF INTRADURAL EXTRAMEDULLARY TUMOR: A CASE REPORT**

Vrettos P.-G., Christopoulos M., Stefanidis P.

Neurosurgical Department, General Hospital of Elefsina - Thrasio

PP47 **A COMPLETE SUDDEN PARAPLEGIA DUE TO THORACIC SCHWANOMA: A SIGNIFICANT POSTOPERATIVE RECOVERY**

Papadopoulos F., Papisilekas Th., Kokkinoplitis M., Gianadakis H., Karakalos S.P., Panourias I., Themistoklis K.

Neurosurgical Department, Red Cross Hospital, Athens, Greece

PP48 **A PATIENT WAS DIAGNOSED WITH SPINAL ARTERIOVENOUS FISTULAE (AVF) OF THE FILUM TERMINALE (FT) CAUSING MYELOPATHY**

Papadopoulos F., Papisilekas Th., Kokkinoplitis M., Gianadakis H., Karakalos S.P., Panourias I., Themistoklis K.

Neurosurgical Department, Red Cross Hospital, Athens, Greece

PP49 **A CASE OF A DURAL SINUS MALFORMATION AND ITS MANAGEMENT**

Themistoklis K., Papisilekas T., Mandilaras I., Karakalos S., Papadopoulos F.

Department of Neurosurgery, "Korgialenio – Benakio - HR" General Hospital of Athens, Athens, Greece

PP50 **SINKING SKIN FLAP SYNDROME: A LITERATURE REVIEW**

Vassilopoulos T.¹, Orfanidou K.¹, Ntotsikas K.², Moustakis N.², Theofanopoulos A.², Lazarioti S.², Vakis A.^{1,2}, Tsitsipanis C.^{1,2}

¹ Medical School, University of Crete, Heraklion Crete, Greece

² Neurosurgical Department, University General Hospital of Heraklion, Heraklion Crete, Greece

E - POSTERS

PP51

A CASE OF PERSISTENT HEADACHE IN A YOUNG STUDENT: SUBDURAL HYGROMA IN THE PRESENCE OF AN ARACHNOID CYST

Alexiadis I., Kotojannis V.

Neurosurgical Department, Tzaneio Prefecture General Hospital of Piraeus, Greece

PP52

SINGLE CENTER EXPERIENCE IN SPINE METASTASIS

Fostinis G., Gerasimou T., Fragkakis G, Chari V, Nikolaidis I, Kotojannis V.

Neurosurgical Department, "Tzaneio" General Hospital, Piraeus, Greece

PP53

RING ENHANCING LESIONS IN IMMUNOCOMPROMISED PATIENTS: A CASE OF ISOLATED CEREBRAL ASPERGILLOSIS

Lani E., Politis A.A., Zemperligkos P, Solou M., Stavrinou L., Banos S., Savvanis G., Ydreos I., Boviatsis E.J., Papadopoulos E.

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

PP54

A RARE CASE OF HIGH-GRADE B-CELL LYMPHOMA (HGBL) WITH CENTRAL NERVOUS SYSTEM (CNS) INVOLVEMENT

Dravopoulos I., Georgoulis G., Georgakoulias N.

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

PP55

ISOLATED LIPOMA OF FILUM TERMINALE IN ADULT, FOUNDED INCIDENTALLY IN MAGNETIC RESONANCE IMAGING

Papadopoulos F., Papisilekas Th., Kokkinoplitis M., Gianadakis H., Karakalos S.P., Panourgias I., Themistoklis K.

Neurosurgical Department, Red Cross Hospital, Athens, Greece

PP56

MANAGEMENT OF A PENETRATING CRANIAL STABBING INJURY

Themistoklis K., Papisilekas T., Psilovasilopoulos G., Mandilaras I., Karakalos S., Papadopoulos F.

Department of Neurosurgery, "Korgialenio - Benakio - HRC" General Hospital of Athens, Athens, Greece

PP57

DURET HEMORRHAGE: A LITERATURE REVIEW

Vassilopoulos T.¹, Ntotsikas K.², Moustakis N.², Theofanopoulos A.², Lazarioti S.², Orfanidou K.¹, Vakis A.^{1,2}, Tsitsipanis C.^{1,2}

¹ Medical School, University of Crete, Heraklion Crete, Greece

² Neurosurgical Department, University General Hospital of Heraklion, Heraklion Crete, Greece

PP58

LASER DISCOLYSIS AS A METHOD FOR TREATMENT OF DISCOGENIC BACK PAIN

Vlachakis E.¹, Nikova A.², Lanaris D.¹, Andronikou G.¹, Tsiogas S.¹, Lafazanos S.¹

¹ Department of neurosurgery, 417 Army Equity Fund Hospital, Athens, Greece

² Department of neurosurgery, Asclapieio Voulas Hospital, Athens, Greece

PP59

PRIMARY INTRACRANIAL MATURE TERATOMA IN ADULT PATIENT. A CASE REPORT

Nikova A.¹, Nomikos A.², Lipiridis S.¹, Siakavella M.¹, Gogos Ch.¹, Konsolakis N.¹

¹ Department of neurosurgery, Asclipeio Voulas Hospital, Athens, Greece

² Department of pathology, Asclipeio Voulas Hospital, Athens, Greece

PP60

INTRACRANIAL HORN-LIKE CORTICAL HERNIATION IN INFANT. A CASE REPORT

Nikova A.¹, Vafiadis V.², Georgiou T.², Filias P.², Markogiannakis G.²

¹ Department of neurosurgery, Asclipeio Voulas Hospital, Athens, Greece

² Department of neurosurgery, Aghia Sophia Hospital, Athens, Greece

³ Department of neurosurgery, Aghlaia Kiriakou Children Hospital, Athens, Greece

PP61

A CASE REPORT OF SPONTANEOUS RESOLUTION OF CHRONIC SUBDURAL HEMATOMA

Fostinis G., Chari V., Alexiadis I., Nikoalidis I., Kontojannis V.

Neurosurgical Department, "Tzaneio" General Hospital, Piraeus, Greece

PP62

WITHDRAWN

PP63

THE ROLE OF LIQUID BIOPSIES IN DIAGNOSING, MONITORING AND PREDICTING THE PROGRESS OF GLIOBLASTOMA MULTIFORME

Murphy S.^{1,2}, Sharma R.², Sheridan R.³, Robinson S.D.^{4,5}, Giamas G.⁴, Mazarakis N.K.^{2,6}

¹ Department of Neurosurgery, Beaumont Hospital, Dublin Ireland

² Royal College of Surgeons, Dublin, Ireland

³ School of Medicine, University College Dublin, Ireland

⁴ Department of Biochemistry and Biomedicine, University of Sussex, UK

⁵ Sussex Cancer Centre, University Hospitals Sussex NHS Foundation Trust, UK

⁶ Department of Neurosurgery, University Hospitals Sussex NHS Foundation Trust, UK

PP64

A CROSS-OVER STUDY COMPARING THE IMPLICATIONS OF LACTATED RINGERS (LR) VS. NORMAL SALINE (NS) IRRIGATION ON MULTI-MODALITY INTRAOPERATIVE NEURO-MONITORING DURING SKULL BASE SURGERY INVOLVING FACIAL NERVE MANIPULATION

Abou-Al-Shaar H., Eismont A., Karampouga M., Sunderlin J., Balzer J.R., Gardner P.A., Zenonos G.A.

Department of Neurosurgery, Center for cranial base surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

PP65

SUCCESSFUL TREATMENT OF CHRONIC REFRACTORY COCCYDYNIA WITH SACRAL NEUROMODULATION

Tokas G., Plessias C., Mavridis I., Birbilis T.

Stereotactic @ Functional Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

E - POSTERS

PP66

HIGH-DOSE INTRAVENTRICULAR THROMBOLYSIS IN SPONTANEOUS INTRAVENTRICULAR HEMORRHAGE: A PILOT STUDY

Lani E., Politis A.A, Zemperligkos P, Solou M, Papadopoulos E., Banos S., Savvanis G., Ydreos I., Boviatsis E.J., Stavrinou L.

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

PP67

MICROSURGERY OF VESTIBULAR SCHWANNOMAS AFTER RADIATION TREATMENT

Malli A., Karydakis P, Moniakis A., Georgoulis G., Paidakakos N., Georgakoulias N.

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

PP68

THE ROLE OF NEUROSURGERY IN THE EDUCATION OF MEDICAL STUDENTS IN GREECE

Alexandropoulou A.¹, Karagianni M.², Fountas K.²

¹ 3rd year Medical Student, University of Thessaly, Larissa, Greece

² Neurosurgical Department, Larissa University Hospital, Larissa, Greece

PP69

RETROSIGMOID TRANSHORIZONTAL APPROACH: PRESENTATION OF 2 CASES

Papakonstantinou K., Malli A., Theodoropoulos S., Georgakoulias N.

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

PP70

NON-TRAUMATIC CEREBRAL DISSECTING ANEURYSM, TREATED WITH EMBOLISATION, IN A 19-MONTH-OLD PATIENT PRESENTED WITH INTRACEREBRAL AND SUBARACHNOID HEMORRHAGE AND SUBDURAL [HEMATOMA. A CASE REPORT AND REVIEW OF THE LITERATURE

Charitos D.¹, Georgis P.A.¹, Chrissicopoulos C.¹, Plakas S.^{1,2}, Andreou A.¹

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

² Neurosurgical Department, 401 General Military Hospital, Athens, Greece

PP71

RAPID SPONTANEOUS REGRESSION OF AN EPILEPTOGENIC CAVERNOUS MALFORMATION: REPORT OF A RARE CASE

Mavridis I., Plessias C., Birbilis T.

Pediatric Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

PP72

CONCURRENT TREATMENT OF A LEFT OPHTHALMIC AND LEFT MIDDLE CEREBRAL ARTERY (MCA) ANEURYSMS TOGETHER WITH A CLINOIDAL MENINGIOMA FOUND INTRA-OPERATIVELY DUE TO VISUAL EVOKED POTENTIAL (VEP) CHANGES

Karampouga M.¹, Phoomnaonin I.¹, Affolter K.¹, Choby G.W.², Wang E.², Snyderman C.H. ², Gardner P.A.¹, Zenonos G.A.¹

¹ Department of Neurological Surgery, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Otolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

PP73

NEUROENDOSCOPIC LAVAGE FOR THE TREATMENT OF POST-HEMORRHAGIC IVH IN PREMATURE NEONATES

Chamilos C., Mitsios A., Sgouros S.

Pediatric Neurosurgery Department, Iaso Childrens' Hospital, Marousi, Greece

PP74

MIRROR ANEURYSMS OF THE POSTERIOR COMMUNICATING ARTERY TREATED WITH FLOW-DIVERTER DEVICES: A CASE REPORT AND REVIEW OF LITERATURE

Krili S., Fermeli D., Kalantzis G., Theofanopoulos A., Tsipouriaris P., Constantoyannis C., Panagiotopoulos V.

Neurosurgical Department, Patras University Hospital, Patras, Greece

PP75

ROUTINE REPEAT COMPUTED TOMOGRAPHY OF THE HEAD SCAN IN PATIENTS WITH MILD OR MODERATE TRAUMATIC BRAIN INJURY: IS IT REALLY NECESSARY?

Politis A.A., Lani E., Solou M., Zemperligkos P., Papadopoulos E., Banos S., Savvanis G., Ydreos I., Boviatsis E.J., Stavrinou L.

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

PP76

CAFFEINE, ALCOHOL, AND DRUG USE AS WORK ADJUNCTS AMONG NEUROSURGEONS. PREVALENCE, UNDERLYING CAUSES AND PROPOSED STRATEGIES

Karampouga M.^{1,2}, Karagianni M.³, Mihaylova S.⁴, Aydin A.E.⁵, Salokorpi N.⁶, Lambrianou X.³, Tsianaka E.⁷, Janssen I.K.⁸, Duran S.H.⁹, Ivan D.L.¹⁰, Rodríguez-Hernandez A.¹¹, Broekman M. LD.¹², Gazioglu N.¹³, Tasiou A.³, Murphy M.¹⁴

¹ Department of Neurological Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

² Department of Neurological Surgery, Nicosia General Hospital, Nicosia, Cyprus

³ Department of Neurosurgery, University Hospital of Larissa, Larissa, Greece

⁴ Clinic of Neurosurgery, St. Ivan Rilski University Hospital, Medical University of Sofia, Sofia, Bulgaria

⁵ Department of Neurosurgery, Arnavutkoy State Hospital, Istanbul, Turkey

⁶ Department of Neurosurgery, Oulu University Hospital, Oulu, Finland, and Research Unit of Clinical Neuroscience, Medical Research Center, Oulu University, Oulu, Finland

⁷ Department of Neurosurgery, Kuwait Hospital, Sabah Al Salem, Kuwait

⁸ Department of Neurosurgery, Hôpitaux Universitaires de Genève, Geneva, Switzerland

⁹ Klinik für Neurochirurgie, Universitätsmedizin Göttingen, Göttingen, Germany

¹⁰ Department of Neurosurgery, Bucharest Emergency University Hospital, Carol Davila University of Medicine, Bucharest, Romania

¹¹ Department of Neurological Surgery, Germans Trias i Pujol University Hospital, Universidad Autónoma, Barcelona, Spain

¹² Department of Neurosurgery, Haaglanden Medical Center and Leiden University Medical Center, Department of Neurosurgery, Leiden, The Netherlands

¹³ Istinye University, Faculty of Medicine, Department of Neurosurgery, Istanbul, Türkiye

¹⁴ Department of Neurosurgery, National Hospital for Neurology and Neurosurgery, Queen Square, London, UK

E - POSTERS

PP77

IDIOPATHIC INTRACRANIAL HYPERTENSION WITH AND WITHOUT PAPILLEDEMA IN INFANTS AND TODDLERS

Beys-Kamnarokos E.^{1,2}, Mavridis I.², Birbilis T.²

¹ Department of Neurosurgery, Protestant Hospital of Bethel Foundation, University Medical Center East Westphalia-Lippe of Bielefeld University, Campus Bielefeld - Bethel, Bielefeld, Germany

² Pediatric Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

PP78

PONTINE DESCENDING TRACTOTOMY AS A MAIN TREATMENT FOR REFRACTORY TRIGEMINAL NEURALGIA: ILLUSTRATION OF CASES

Malli A., Papakonstantinou K., Karydakis P., Moniakis A., Georgoulis G., Paidakakos N., Georgakoulias N.

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

PP79

DEVELOPMENT OF PEDIATRIC NEUROSURGERY IN THRACE OVER THE LAST FOUR YEARS

Mavridis I., Plessias C., Birbilis T.

Pediatric Neurosurgery Unit, Department of Neurosurgery, School of Medicine, Faculty of Health Sciences, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece

PP80

SPINAL TUMORS: OUR 3-YEAR INSTITUTIONAL EXPERIENCE

Papakonstantinou K., Paidakakos N., Karydakis P., Tsangaris C., Ladoukakis A., Georgakoulias N.

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

PP81

SYRINGOMYELIA - WHEN TO OPERATE?

Nikova A., Konoslakis N., Siakavella M., Papachristou A., Karvounis P., Papoutsakis D., Lipiridis S., Gogos Ch.

Department of neurosurgery, Asklepieio Voulas Hospital, Athens, Greece

PP82

SEVERE SURGICAL SITE INFECTION IN A PATIENT, AFTER CERVICAL AND LUMBAR LAMINECTOMY: IS IT A COINCIDENCE? AN INTERESTING CASE REPORT

Papachristou A., Lipiridis S., Papoutsakis D., Konsolakis N., Karvounis P., Gogos Ch.

Department of Neurosurgery, "Asklepieio Voulas" General Hospital, Athens Greece

PPN01

ΜΕΤΕΓΧΕΙΡΗΤΙΚΕΣ ΝΟΣΗΛΕΥΤΙΚΕΣ ΔΕΞΙΟΤΗΤΕΣ - ΔΙΕΡΓΑΣΙΕΣ ΣΕ ΑΣΘΕΝΗ ΜΕ ΑΥΧΗΝΙΚΗ ΜΥΕΛΟΠΑΘΕΙΑ

Φράγκου Α.-Σ.¹, Χριστοδούλου Β.¹, Ζήκα Γ.², Αλεξίου Γ.³

¹ RN, Χειρουργικής Ειδικότητας, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

² RN, MSc, PhD, Post Doc, Συντονίστρια Χειρουργικής ειδικότητας ΠΓΝ Ιωαννίνων και Πανεπιστημιακό Γενικό Νοσοκομείο Πατρών, Διευθύντρια Νοσηλευτικής Υπηρεσίας Πανεπιστημιακού Γενικού Νοσοκομείου Ιωαννίνων

³ Νευροχειρουργική κλινική, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων

PPN02

THE ROLE OF THE NURSE IN THE POSTOPERATIVE FOLLOW-UP OF PATIENTS WITH GLIOMA

Lotsi E.¹, Zika Y.²

¹ Nurse, Perioperative Nursing Specialty, P.G.N. Ioannina

² RN, MSc, PhD, Post Doc, Coordinator of Perioperative Specialties of Ioannina Hospital and Patras Hospital, Director of Nursing Service at Ioannina Hospital

PPN03

Η ΛΕΚΤΙΚΗ ΒΙΑ ΠΡΟΣ ΤΟ ΝΟΣΗΛΕΥΤΙΚΟ ΠΡΟΣΩΠΙΚΟ ΚΑΙ ΣΥΓΚΕΚΡΙΜΕΝΑ ΣΤΟ ΧΩΡΟ ΤΟΥ ΧΕΙΡΟΥΡΓΕΙΟΥ

Ζήκα Γ.¹, Παπαχρήστου Ε.²

¹ Διευθύντρια Νοσηλευτικής Υπηρεσίας, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων, Ιωάννινα, Ελλάδα

² TE Νοσηλεύτρια Χειρουργείου, Γενικό Νοσοκομείο Πρέβεζας, Πρέβεζα, Ελλάδα

PPN04

POSITION AND CAPABILITIES OF THE ROBOTIC SYSTEM (LOKOMAT) REHABILITATION OF PATIENTS AFTER VASCULAR CEREBRAL EPISODE

Ntomaris I., Papadopoulos N., Zika G.

University General Hospital of Ioannina

PPN05

CEREBRAL ANEURYSM

Liakopoulou E.¹, Mpiris X.¹, Gkorou E.¹, Ioannou S.¹, Moutafi V.¹, Gkatziou A., Zika, G.³

¹ RN, Specialty of Emergency and Intensive Care Nursing, University General Hospital of Ioannina

² RN, Deputy Coordinator of Emergency and Intensive Care Nursing Specialty, University General Hospital of Ioannina

³ RN, Post doc, MSc, PhD, Coordinator of Surgical Specialty, Director of the University General Hospital of Ioannina

PPN06

EDUCATIONAL INTERVENTION BEFORE PETALECTOMY AND MICRODISCECTOMY SURGERY: EFFECT ON ANXIETY AND PAIN OF PATIENTS

Fininets V.¹, Sakellaridou M.-E.², Galatianou I.³

¹ RN, MSc, Neurosurgery Clinic, G.H.N.P. "Agios Panteleimon", Athens, Greece

² MD, MSc, Chief Resident Neurosurgeon, General Hospital of Nikaia - Piraeus, Greece

³ Consultant, Neurosurgery Clinic, G.H.N.P. "Agios Panteleimon" Athens, Greece



E - POSTERS

PPN07

**ΔΙΑΧΕΙΡΗΣΗ ΚΡΑΝΙΟΕΓΚΕΦΑΛΙΚΩΝ ΚΑΚΩΣΕΩΝ ΣΤΟ ΤΜΗΜΑ
ΕΠΕΙΓΟΝΤΩΝ ΠΕΡΙΣΤΑΤΙΚΩΝ ΤΟΥ ΠΑΝΕΠΙΣΤΗΜΙΑΚΟΥ ΓΕΝΙΚΟΥ
ΝΟΣΟΚΟΜΕΙΟΥ ΙΩΑΝΝΙΝΩΝ, Η ΕΜΠΕΙΡΙΑ ΤΩΝ ΝΟΣΗΛΕΥΤΩΝ
ΕΙΔΙΚΟΤΗΤΩΝ**

Γκογιάννου Α.¹, Κατσιώνη Δ.², Ζήκα Γ.³

¹ RN, Νοσηλευτική Χειρουργική Ειδικότητα

² RN, Νοσηλευτική ροντολογική Ειδικότητα

³ RN, Post doc, MSc, PhD, Διευθύντρια Νοσηλευτικής Υπηρεσίας, Πανεπιστημιακό Γενικό Νοσοκομείο Ιωαννίνων, Συντονίστρια Χειρουργικής ειδικότητας



37th Annual Congress of the
Hellenic Neurosurgical Society
& Joint Meeting with the
Bulgarian Society of Neurosurgery

& 17th Annual Neurosurgery
Nurses Meeting



Speakers
Chairmen



SPEAKERS - CHAIRMEN

Georgios Alexiou	Associate Professor of Neurosurgery, University of Ioannina, Ioannina, Greece
Dimitra Alexiou	MSc, RN, Nurse ICU, Hatzikosta General Hospital, Ioannina, Greece
Gioulinta Alimani	RN, PhD(c), ICU nurse at General Hospital of Nikaia Agios Panteleimon & PhD(c) at University of West Attica, Department of Biomedical Sciences, Athens, Greece
Christos Anagnostopoulos	Locum 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
Elias Antoniadis	Locum Consultant Neurosurgeon, Department of Neurosurgery, Hippokration General Hospital, Aristotle University School of Medicine, Thessaloniki, Greece
Maria Argyropoulou	Professor of Radiology, University Hospital of Ioannina, Ioannina, Greece
Olga Athanasiou	MD, Neurosurgeon, Director of Neurosurgical Department, CyberKnife Clinic, Iatropolis, Athens, Athens, Greece
Maria Avgeri	MSc, RN, Nurse ICU, Hatzikosta General Hospital, Ioannina, Greece
Stamatios Banos	MD, PhD, Neurosurgeon, Consultant B', 2 nd Department of Neurosurgery, Attikon University Hospital, Athens, Greece
Konstantinos Barkas	Consultant Neurosurgeon, General Hospital of Nikaia, Athens, Greece
Alexios Bimpis	MD, PhD, Consultant Neurosurgeon General Hospital of Tripoli, Greece
Dimos Bouramas	MD, PhD, Consultant Neurosurgeon, Bioclinic, Athens, Greece
Nikoletta Boutsikaki	Operating Room Nurse, General Hospital of Nikaia Agios Panteleimon, Athens, Greece
Efstathios J. Boviatsis	MD, PhD, FESSFN, Professor & Chairman, 2 nd Department of Neurosurgery, Attikon University Hospital, School of Medicine, National & Kapodistrian University of Athens, Athens, Greece



SPEAKERS - CHAIRMEN

Oliver Bozinov	MD, Professor and Chairman, Department of Neurosurgery, University of St. Gallen Medical School, President - Elect Swiss Neurosurgical Society, President of the Neurosurgical Residency Program, Switzerland, Board Member Swiss Federation of Clinical Neuro-Societies, Board Member of the Hospital, Zurich, Switzerland
Alexandros G. Brotis	MD, MSc, PhD, Neurosurgeon, General University Hospital of Larissa, Greece
Luigi Maria Cavallo	MD, PhD, Professor of Neurosurgery, Division of Neurosurgery University of Naples Federico II, Naples, Italy
Christos Chamilos	MD, PhD, Pediatric - Adult Neurosurgeon, IASO Hospital, Athens, Greece
Dimitrios Charitos	MD, Consultant Neurosurgeon, 2 nd Neurosurgery and Interventional Neuroradiology Department, Hygeia Hospital, Athens, Greece
Anastasia Chatzantonaki	Operating Room Nurse, General Hospital of Nikaia Agios Panteleimon, Athens, Greece
Christos Chrissikopoulos	MD, MSc, Neurosurgeon, Hygeia Hospital, Athens, Greece
Stavros Constantinou	MBChB, BSc (Hons), MRCS, FRCS(SN) (Eng), Consultant Neurosurgeon, President of the Cyprus Neurosurgical Society
Constantine Constantoyannis	Professor and Chairman, Department of Neurosurgery, University Hospital of Patras, Greece
Andreas Demetriades	MB.BChir. (Cantab), M.Phil. (Cantab), FRCSEd(Neuro.Surg), FEBNS, Consultant Neurosurgeon and Spinal Surgeon, Royal Infirmary Edinburgh, Scotland, UK, President EANS (European Association of Neurosurgical Societies)
Vasiliki Drosou	Nurse U.E., Specialist Infection Control Nurse, Msc, Head of Neurosurgery Department Larissa University General Hospital, Greece
Christos Exarchos	RN, MSc, cPhD Department of neurosurgery, University Hospital of Ioannina, Greece

SPEAKERS - CHAIRMEN

Nikolaos Foroglou	MD, PhD, Professor of Neurosurgery, School of Medicine, Aristotle University of Thessaloniki, Greece, Chair Department of Neurosurgery, AHEPA University Hospital, Thessaloniki, Greece
Maria Fotiadou	RN, Head Nurse Department of Neurosurgery, University Hospital of Ioannina, Greece
Konstantinos Fountas	Professor of Neurosurgery, Faculty of Medicine, University of Thessaly, Larissa, Greece
Moschos Fratzoglou	MD, PhD, Consultant Neurosurgeon, Director, Department of Neurosurgery, General District Hospital of Nikaia - Piraeus, Greece, President of the Hellenic Neurosurgical Society
Garyfallia Fyseki	Chief Nurse, Department of Neurosurgery, General District Hospital of Nikaia, Piraeus, Greece
Nikolay Gabrovsky	MD, PhD, DMSc, President of the Bulgarian Society of Neurosurgery, Head of Department of Neurosurgery, University Hospital Pirogov, Sofia, Bulgaria
Ioanna Galatianou	RN, MSc, Head Nurse of Neurosurgery Clinic, General Hospital of Nikaia Agios Panteleimon, Athens, Greece
Charalampos Gatos	MD, Attending Neurosurgeon Department of Neurosurgery, University Hospital of Larissa, Medical School of Larissa, Thessaly, Greece
Nikolaos Georgakoulias	MD, Neurosurgeon, Head of the Neurosurgical Department, Athens General Hospital G. Gennimatas, Athens, Greece
Christos Georgopoulos	MD, PhD, CCST-NS (UK), Director, A´ Neurosurgical Department, Henry Dunant Hospital Center, Chairman, ANAPLASI Rehabilitation Center, Athens, Greece
Dimitrios Giakoumettis	MD, MSc, PhD, FEBNS, Consultant, Neurosurgery, Oncological Hospital Agios Savvas, Athens, Greece
Foteini Giakovi	Nurse of Neurosurgery, Department Larissa University, General Hospital Larissa, Greece
Christos Gogos	MD, PhD, Director, Neurosurgery Clinic, Asklepieion General Hospital, Voula, Greece



SPEAKERS - CHAIRMEN

Anna Gousia	Professor, Department of Pathology, Ioannina University Hospital and School of Medicine, University of Ioannina, Ioannina, Greece
Nikolaos Haliasos	MD FRCS MSc, Senior Lecturer Queen Mary University of London, Director of Epilepsy and Functional Neurosurgery, Metropolitan Hospital Athens, Athens, Greece
Sofia Iliopoulou	Register Nurse, Msc, Deputy head at the Neutropenic Care Unit 1, Department of Internal Medicine, AHEPA University Hospital, Athens, Greece
Georgios Kalostos	Consultant Neurosurgeon, General Hospital of Kavala, Greece
Aikaterini Karagianni	Consultant Neurosurgeon, KAT General Hospital of Attica, Athens, Greece
Maria Karagianni	MD, Resident Doctor, Department of Neurosurgery, University Hospital of Larissa, Medical School of Larissa, Thessaly, Greece
Eleni Karakosta	MD, MSc, MBA, Consultant Neurosurgeon, KAT General Hospital of Attica, Athens, Greece
Konstantinos Karakostas	RN, MSc, Head Nurse of Neurosurgery, Neurology & Ophthalmology Clinics, General Hospital Thriasio, Elefsina, Athens, Treasurer of the Greek Operating Room Nurses Association (GORNA) Executive Board
Aggeliki Katsarou	MSc, PhD, Head Nurse of Newer Imaging Department, General Hospital of Nikaia Agios Panteleimon, Athens, Greece
Mariam Khakoo-Georgopoulos	MB BS (Lond.), MRCP (UK), FRCR, CCST - Radiotherapy, MRCP (London), Radiation Oncologist, Scientific Advisor, Anaplasia Rehabilitation Center, Athens, Greece
Evangelos Kogias	FEBNS, Assistant Professor of Neurosurgery, Aristotle University of Thessaloniki, Department of Neurosurgery, AHEPA University Hospital, Thessaloniki, Greece
Angelos Kolias	Neurosurgeon, A' Neurosurgery Department, Henry Dunant Hospital, Athens, Greece, Consultant, ANAPLASI Rehabilitation Centre, Athens, Greece, Consultant Neurosurgeon and Clinical Senior Lecturer, Cambridge University Hospitals and University of Cambridge, Cambridge, UK

SPEAKERS - CHAIRMEN

Chrysoula Koloka	MSc, RN, CNE, Surgical Department Hatzikosta General Hospital, Ioannina, Greece
Stefanos Korfias	Professor of Neurosurgery, Chairman, Department of Neurosurgery, Evangelismos General Hospital, National and Kapodistrian University, Athens, Greece
Ioannis Koutelekos	RN, MSc, MBA, CPN, PhD, Associate Professor Department of Nursing, University of West Attica, Athens, Greece, President of the Greek Operating Room Nurses Association (GORNA) Executive Board
Spyridon Ar. Lafazanos	Colonel Neurosurgeon, Director of Neurosurgical Clinic, 417 NIMTS Veterans Fund Army Hospital, Athens, Greece
Ioannis Magras	Professor & Chairman, Department of Neurosurgery, Hippokration General Hospital, Aristotle University School of Medicine, Thessaloniki, Greece
Ioannis Mavridis	Assistant Professor of Neurosurgery & Pediatric Neurosurgery, Department of Neurosurgery, School of Medicine, Democritus University of Thrace, University General Hospital of Alexandroupolis, Alexandroupolis, Greece
Nektarios K. Mazarakis	MBBS, MSc, DPhil, FEBNS, FRCS(Ed), Consultant Neurosurgeon & Spinal surgeon, Hon. Senior Lecturer (RCSI, Dublin, Ireland), Royal Sussex County Hospital, Brighton, UK
Sofia Menti	RN, MSc, Department of Neurosurgery, University Hospital of Ioannina, Ioannina, Greece
Aikaterini Mitsiou	RN, MSc(c), General Hospital Thriassio Elefsinas, Athens, Greece
Aristotelis Mitsos	MD, MSc, PhD, Consultant Neurosurgeon, Director, Department of Endovascular Neurosurgery, 401 Athens General Army Hospital, Athens, Greece
Panagiotis Monioudis	MD, Msc(c), PhD(c), Neurosurgery Resident, 2 nd Department of Neurosurgery, General Hospital Ippokratio, Thessaloniki, Greece
Ploumi Moschovi	RN, Nurse ICU, Hatzikosta General Hospital, Ioannina, Greece
Vasileios Nikolaidis	Head nurse, Orthopedic Department, General Hospital of Kavala, Greece

SPEAKERS - CHAIRMEN

Ioannis Nikolaidis	Consultant Neurosurgeon, Tzaneio General Hospital of Piraeus, Athens, Greece
Nikolaos A. Paidakakos	MD, MSc, FRCS, FEBNS, IFAANS, Consultant Neurosurgeon, Department of Neurosurgery, Athens General Hospital G. Gennimatas, Athens, Greece
Michail Palaskas	RN, Nurse, Department of Anaesthesiology, Hippocrates General Hospital of Thessaloniki, Greece
Theophilos S. Paleologos	MD, FRCS, Consultant Neurosurgeon, General Hospital of Nikaia - Piraeus, Athens, Greece
Vasileios Panagiotopoulos	MD, PhD, Professor of Neurosurgery & Endovascular Neurosurgery University Hospital of Patras, Patra, Greece
Panagiotis Pantelakos	Medical Director of Department, TomoTherapy - Cyberknife Department, Iatropolis, Athens, Greece
Evangelos Papadopoulos	Consultant Neurosurgeon, 2 nd Department of Neurosurgery, Medical School of Athens, Attikon University Hospital, Athens, Greece
Panagiotis Papadopoulos-Manolarakis	MD, MSc, Locum Consultant Neurosurgeon, General Hospital of Nikaia - Piraeus, Neurosurgical Department, Athens, Greece
Kyriaki Papadopoulou	Locum Consultant Neurosurgeon, Department of Neurosurgery, AHEPA University Hospital, Aristotle University School of Medicine, Thessaloniki, Greece
Panagiotis G. Papanikolaou	MD, PhD, Neurosurgeon, General Hospital of Nikaia - Piraeus, Greece
Themistoklis I. Papisilekas	MD, MSc(Oxon), PhD, Attending Neurosurgeon, Department of Neurosurgery, Evangelisms General Hospital, Athens, Greece
Ioannis Patsalas	Professor of Neurosurgery, Aristotle University of Thessaloniki, Greece
Mihail Petrov	MD, Department of Neurosurgery, University Multiprofile Hospital for Active Treatment with Emergency Medicine N. I. Pirogov, Sofia, Bulgaria
Aristeidis Prassas	MD, PhD, Consultant Neurosurgeon, Papageorgiou General, Thessaloniki, Greece

SPEAKERS - CHAIRMEN

Athanasios Sbonias	MSc, RN, Nurse ICU, Hatzikosta General Hospital, Ioannina, Greece
Spyridon Sgouros	MD, FRCS(SN), Assistant Professor of Neurosurgery, National and Kapodistrian University of Athens, Head of Department of Neurosurgery, Iaso Paidon, Greece
Athanasios Spiliotopoulos	MD, PhD, Senior Consultant, Neurosurgical Department, AHEPA University Hospital, Thessaloniki, Greece
Lampis Stavrinou	Assistant Professor of Neurosurgery, 2 nd Department of Neurosurgery, National and Kapodistrian University of Athens, Attiko University Hospital, Athens, Greece
Iordanis Stefanidis	OR Nurse, MSc, PhD (c), Instructor (HSS) Inst. Nurse, CPN, Ippokratio General Hospital Thessaloniki, Board member of GORNA
Konstantinos Themistoklis	Department of Neurosurgery, Korgialenio Benakio Hellenic Red Cross Hospital, Athens, Greece
Asterios Theodosiou	Phd(c), MSc, RN, Nurse ICU, Hatzikosta General Hospital, Ioannina, Greece
Vassilios Tsitouras	Neurosurgeon, 2 nd Department of Neurosurgery, Aristotle University of Thessaloniki, Hippokraton General Hospital, Thessaloniki, Greece
Parmenion Tsitsopoulos	Professor of Neurosurgery, Hippokraton General Hospital, Aristotle University of Thessaloniki School of Medicine, Thessaloniki, Greece
Filippos Tsitsopoulos	Former Professor & Chairman, Department of Neurosurgery, Hippokraton General Hospital, Aristotle University School of Medicine, Thessaloniki, Greece
Kalliopi Tsoleka	MD, PhD, Papageorgiou General Hospital, Thessaloniki, Greece
Ugur Türe	Professor and Chairman of the Department of Neurosurgery Istanbul Yeditepe University
Christos Tzerefos	Attending Neurosurgeon, Department of Neurosurgery, University Hospital of Larissa, Larissa, Greece
Georgios Vartholomatos	PhD, EurClinChem, Scientific Correspondent of the Unit of Molecular Biology and Translational Flow Cytometry, Haematology Laboratory, University Hospital of Ioannina, Greece



SPEAKERS - CHAIRMEN

Panagiota Vasileiou	RN, MSc, PhD®, University Hospital of Ioannina, Ioannina, Greece
Nikolay Velinov	Associate Professor, MD, PhD, Department of Neurosurgery, University Multiprofile Hospital for Active Treatment with Emergency Medicine N. I. Pirogov, Sofia, Bulgaria
Lamprini Vlachodimitropoulou	RN, MSc, University Hospital of Ioannina, Ioannina, Greece
Konstantinos Vlachos	Consultant Neurosurgeon, Head of Neurosurgical Department, KAT General and Trauma Hospital, Athens, Greece
Spyridon Voulgaris	Professor of Neurosurgery, Director of Neurosurgery Department, University Hospital of Ioannina, Greece
Peter A. Winkler	Univ. Prof. Dr. Dr. h. c., Emeritus Professor and Chairman Neurosurgery, Paracelsus Medical University of Salzburg - Austria, Honorary President of the Salzburg Medical Society, Guest Professor and Researcher at Berlin Charité Neurosurgery, Universitätsmedizin Berlin-Germany
Vasiliki Xenaki	MD, MSc, Consultant Neurosurgeon, Athens, Greece
Georgios A. Zenonos	MD, Assistant Professor, Department of Neurological Surgery University of Pittsburgh School of Medicine, Neurosurgical Co-Director, Center for Cranial Base Surgery, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA
Andreas Zigouris	MD, PhD, Senior Consultant, University Hospital of Ioannina, Ioannina, Greece
Giolanta Zika	RN, MSc, PhD, Assistant Director of the Nursing Services, University Hospital of Ioannina, Greece
Paraskevi Zotou	RN, MSc, PhD, Medical Waste Management Manager, Health Unit, University Hospital of Ioannina, Ioannina, Greece
Maria Zotou	Nurse of Neurosurgery, Department, General Hospital of Kavala, Greece

Friday
14 June 2024

18:00 

Satellite Lecture

**MRgFUS option for ET and TDPD
Single centers experiences, lessons
learned and future prospects**

Dr Marta del Álamo de Pedro
*Neurosurgeon, San Pablo de Ceu University
and Univesidad Autonoma de Madrid*



37th Annual Congress of the
Hellenic Neurosurgical Society
& Joint Meeting with the
Bulgarian Society of Neurosurgery

& 17th Annual Neurosurgery
Nurses Meeting



General
Information

GENERAL INFORMATION

Oral Presentations (OP) (Neurosurgery Congress)

The duration of each presentation is 8 minutes (6 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 search and read 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 13 June 2024	Friday 14 June 2024	Saturday 15 June 2024	Sunday 16 June 2024
14:30 - 20:00	08:00 - 19:30	07:30 - 20:15	09:00 - 13:45

Halls

Function	Hall
Main hall	Kerkyra Ballroom
Nurses meeting hall	Ithaca Ballroom
Web Lounge – E-Posters – Electronic Evaluation	Kerkyra Ballroom Foyer
Exhibition area	
Secretariat	
Presentations Reception Desk	
Coffee breaks and lunches	

Awards

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 are 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 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. The prize is valued at 750 €.

"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 €.

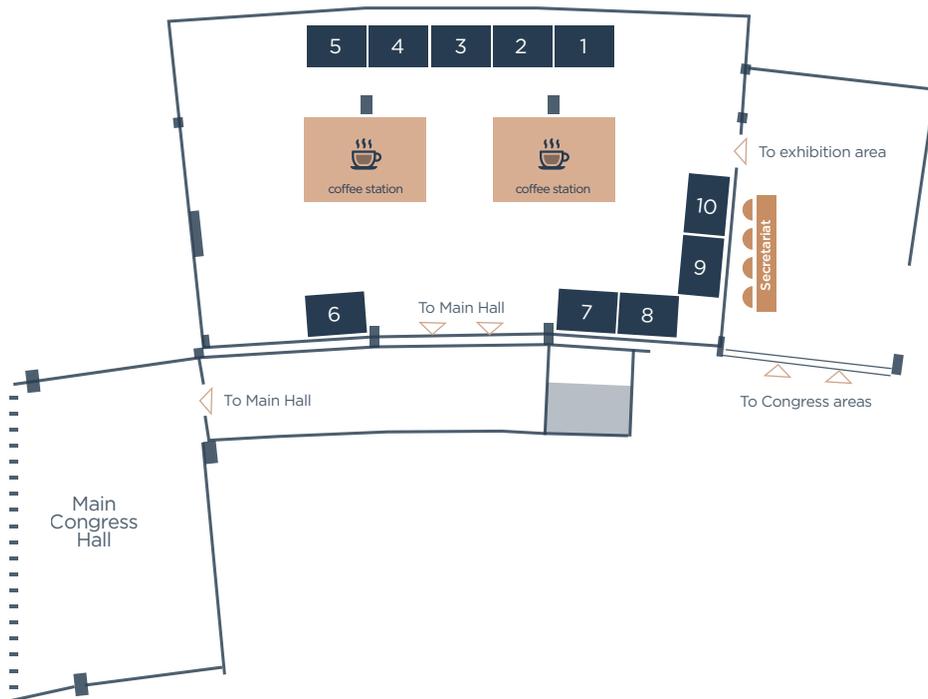
Awards For Best Oral & Poster Presentation

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

"George Foroglou" Award

The award is presented to the top ranked competitor of the Annual Written Examination, which is organized by the Hellenic Neurosurgical Society. The prize is 1.000€ and is intended to cover the participation of the winner in one of the EANS scientific events.

EXHIBITION FLOORPLAN



EXHIBITORS	BOOTH No
KOBOMEDICAL	1
BAXTER HELLAS	2
AKAHAI	3
JOHNSON & JOHNSON	4
COSTAS PAPAELLINAS	5
SPINE ACTION	6
ATRON HEALTH	7 + 8
USS MED	9 + 10

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 **37th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Bulgarian Society of Neurosurgery & 17th Neurosurgery Nurses Meeting.**

PLATINUM SPONSOR



GOLD SPONSOR



SILVER SPONSORS



SPONSORS



SURGIFLO™ **Hemostatic Matrix Kit**



Johnson & Johnson
MedTech

ETHICON



ΑΝΑΠΛΑΣΗ

Η Επιστήμη της Αποκατάστασης



ΚΑΙΝΟΤΟΜΙΑ

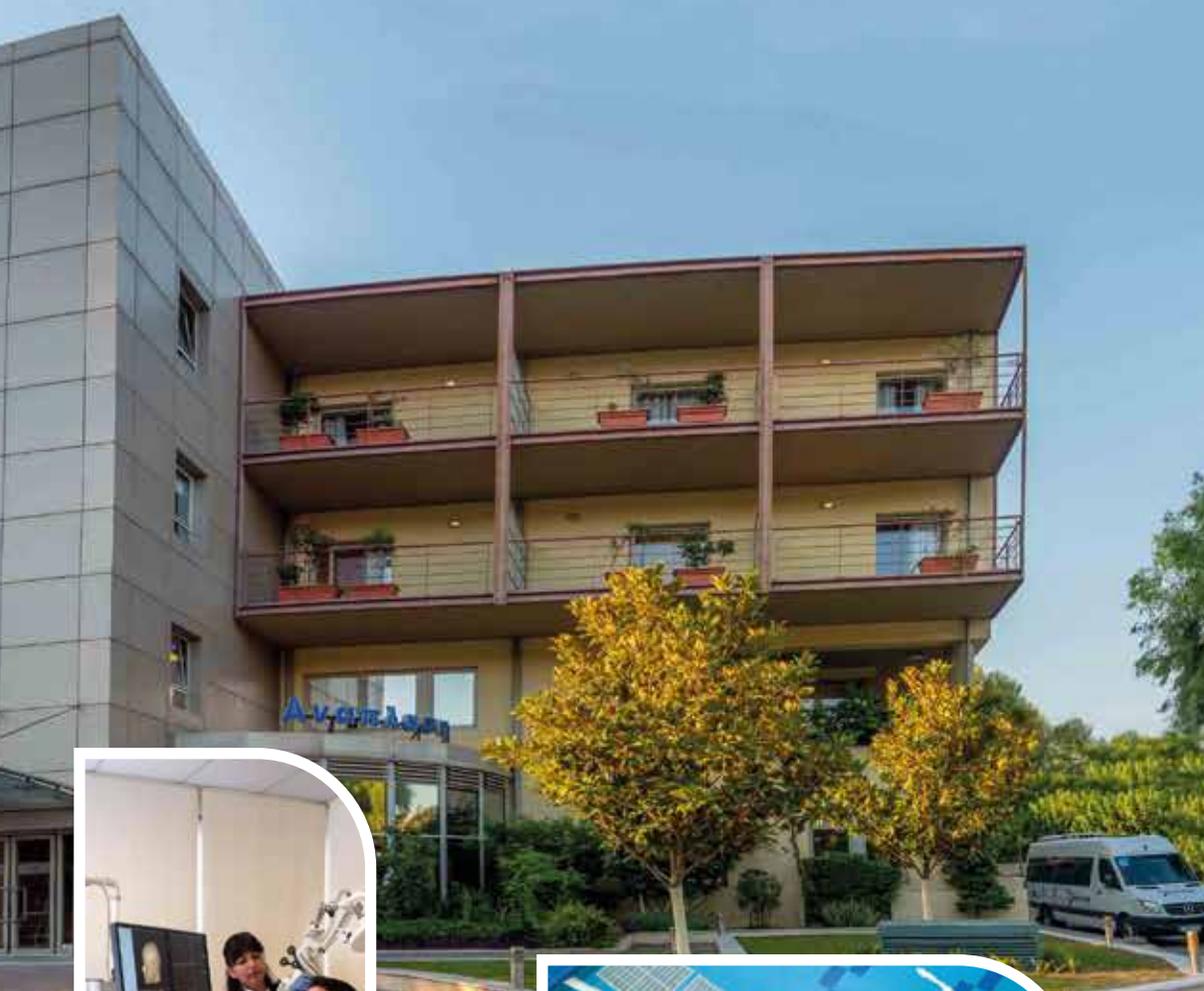
Το πιο προηγμένο
εξωσκελετικό
ρομποτικό σύστημα
επανεκπαίδευσης
βάδισης στον κόσμο



ΤΕΧΝΟΛΟΓΙΑ ΑΙΧΜΗΣ

Ρομποτική Στοχευμένη Ηλεκτρική
Νευροδιέγερση με απελευθέρωση
ενδορφινών, για την αντιμετώπιση του
πόνου στη Σπονδυλική Στήλη





ΠΡΩΤΟΠΟΡΙΑ

Νευροπλοηγούμενος Διακρανιακός
Μαγνητικός Ερεθισμός Εγκεφάλου
(NTMS)

- Χαρτογράφηση εγκεφάλου
- Αποκατάσταση κίνησης και λόγου
- Θεραπεία κατάθλιψης

Αλλά πάνω από όλα **ΕΜΕΙΣ**,
οι Άνθρωποι της **ΑΝΑΠΛΑΣΗΣ**,
εδώ και 30 χρόνια
κάνουμε για τους ασθενείς μας
ό,τι θα κάναμε για την
οικογένειά μας!

ΚΕΝΤΡΟ ΑΠΟΚΑΤΑΣΤΑΣΗΣ ΑΝΑΠΛΑΣΗ
Λεωφ. Εθνικής Αντιστάσεως 15, Ν. Ιωνία Αττικής 142 34
T (+30) 210 2702800 **E** info@anaplasti-rehab.gr
W www.anaplasti-rehab.gr





MS
ID

Medical Supplies





Maintains natural motion

Restores sagittal alignment with
unique 6° or 0° lordotic core

Achieves balance in single or
multi-level procedures

Reduces focal deformities



...
SYNERGY DISC

ODEP

Orthopaedic Data
Evaluation Panel



SYNERGY
SPINE SOLUTIONS

MedLogic 

Για περισσότερες πληροφορίες επικοινωνήστε στο

medlogic@medlogic.eu - Τηλ. : +30 211 211 4270



TELIDIS

MEDICAL SUPPLIES



Better care starts with better knowledge
Explore our AI assistant and our Application





Medtronic


osteocell
ΔΗΜ. ΡΕΚΟΥΤΗΣ Α.Ε.

GRAFTON[®]

Demineralized Bone Matrix

OSTEOCELL | ΔΗΜ. ΡΕΚΟΥΤΗΣ Α.Ε.
ΑΠΟΚΛΕΙΣΤΙΚΟΣ ΑΝΤΙΠΡΟΣΩΠΟΣ MEDTRONIC

Θεμιστοκλέους 4 | 10678 Αθήνα
Τηλ : +30 210 3829392 & 3802759
Fax: +30 210 3303133 | info@osteocell.gr

ΟΛΟΚΛΗΡΩΜΕΝΕΣ ΛΥΣΕΙΣ ΝΕΥΡΟΤΡΟΠΟΠΟΙΗΣΗΣ



Abbott



Elekta



Leksell Vantage Stereotactic

FHC
Neural microTargeting™ Worldwide



STar Drive System
The next-generation microTargeting Drive

Spine Action

ΕΜΠΟΡΙΑ ΙΑΤΡΙΚΩΝ ΕΙΔΩΝ
MEDICAL EQUIPMENT & IMPLANTS SUPPLIER
Βριλησσού 73, Αθήνα 11476
T. +30 210 6008920, F. +30 210 6090898
www.spineaction.gr – info@spineaction.gr

ATTC

Anatomy
Techniques &
Training
Center



Knowledge
as a service
Science
at your service

ATTC

The ATT Center is dedicated to practical courses on all ranges of the medical sector, as well as surgical techniques on cadavers.

It offers health care professionals of all medical specialties and nurses the most suitable space and equipment for developing and expanding their medical and surgical experience.

www.attcenter.eu