



Republic of Serbia
Under the auspices
of the President of the Republic
H. E. Aleksandar Vučić

Under the aegis

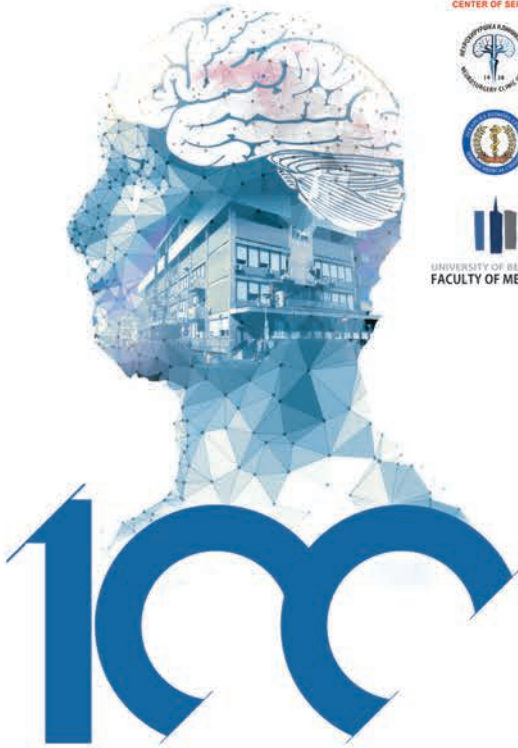


Republic of Serbia
Ministry of Health

Endorsed by:



UNIVERSITY OF BELGRADE
FACULTY OF MEDICINE



**YEARS OF
NEUROSURGERY
IN SERBIA**

**85TH
ANNIVERSARY
NEUROSURGERY CLINIC**

UNIVERSITY CLINICAL CENTER OF SERBIA, BELGRADE

OCTOBER 31ST 2023.

EACCEM[®]
credits 34

SHC 15 credits

SERBIAN NEUROSURGICAL SOCIETY AND FRIENDS
NEUROSURGERY CLINIC, UNIVERSITY CLINICAL CENTER OF SERBIA

October 30th - November 3rd, 2023

9th SNSS Annual Meeting 10th SNSS Congress
with international participation



**NEUROSURGERY
IN SERBIA**

JOINT VENTURE
WITH:



October 31st, 2023 - October 31st, 2023

100 YEARS
FOCUS. DEDICATION. SPECIALIZATION.
CENTENNIAL ANNIVERSARY

OFFICIAL CEREMONY

October 31st, 2023, Belgrade, Serbia

31.10.1938-31.10.2023.

85th ANNIVERSARY NEUROSURGERY CLINIC,
UNIVERSITY CLINICAL CENTER OF SERBIA, BELGRADE

1956-2023 - 67th ANNIVERSARY
CLINIC FOR NEUROSURGERY, MILITARY MEDICAL ACADEMY, BELGRADE

1958-2023 - 65th ANNIVERSARY
CLINIC FOR NEUROSURGERY, UNIVERSITY CLINICAL CENTER NIS, NIS

1962-2023 - 61st ANNIVERSARY
CLINIC FOR NEUROSURGERY, CLINICAL CENTER OF VOJVODINA, NOVI SAD

1977-2023 - 46th ANNIVERSARY
DEPARTMENT OF NEUROSURGERY, CLINICAL HOSPITAL CENTER ZEMUN, BELGRADE

1983-2023 - 40th ANNIVERSARY
CENTER FOR NEUROSURGERY, CLINICAL CENTRE KRAGUJEVAC

SCIENTIFIC PROGRAM

9th SNSS Annual Meeting, 10th SNSS Congress with international participation
"Focus. Dedication. Specialization"

October 30th-November 3rd, 2023. Venue: Crowne Plaza Hotel, Belgrade, Serbia

MEETING OVERVIEW

85 Years Neurosurgery Clinic University Clinical Center of Serbia
100 Years Neurosurgery in Serbia

9th Annual Meeting of Serbian Neurosurgical Society
10th SNSS Congress
with international participation

Focus. Dedication. Specialization.

Belgrade, Serbia, October 30th-November 3rd, 2023

We are delighted that we had the opportunity to host a Joint ventures with several professional and continental associations, such as European Association of Neurosurgical Societies, World Academy of Neurological Surgery, Continental Association of African Neurological Societies, The Society of British Neurological Surgeons, Italian Society of Neurosurgery, Turkish Neurosurgical Society, Hellenic Neurosurgical Society, International Academy of Neurosurgical Anatomy, and Southeast Europe Neurosurgical Society.

This event will be held under the auspices of the President of the Republic of Serbia, H.E. Mr. Aleksandar Vucic, and we will have the patronage and support of all relevant institutions of Republic of Serbia.

The 9th SNSS Annual Meeting and the 10th SNSS Congress with international participation "Focus. Dedication. Specialization", Belgrade, Serbia, 30/10/2023-03/11/2023 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 34 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

352 Faculty Members with the individual participation of numerous Presidents of National, Continental, and International Societies, as well as Honorary presidents of the WFNS.

Rich and dynamic scientific program:

4 PLENARY SESSIONS
2 CONTEMPORARY NEUROSURGERY SESSIONS
35 PARALLEL SESSIONS
8 FREE TOPICS SESSIONS
1 IANA SPECIAL COURSE
1 AUGMENTED & VIRTUAL REALITY COURSE
2 STUDENTS HANDS-ON SUTURING COURSE
2 ERASMUS+ PROJECTS PRESENTATIONS
3 SPECIAL SYMPOSIA
YOUNG NEUROSURGEONS' AND STUDENTS' FORUM
NURSING SYMPOSIUM



OUTLINE OF THE SCIENTIFIC PROGRAM

October 29 th 2023 Venue: Crowne Plaza		October 30 th 2023 Venue: Hotel Crowne Plaza, Belgrade DAY 1 - HOST: CLINIC FOR NEUROSURGERY CLINICAL CENTER OF VOJVODINA, NOVI SAD			
		SNSS IN COLLABORATION WITH WANS			
		HALL 1	HALL 2	HALL 3	HALL 4
08:30-09:00	Neuro(de)cision Project - Partners meeting	General - Skull base and craniocervical junction	Intra-ventricular tumors	Spine	Neuro(de)-cision project Partners meeting
09:00-09:30				AI in Spine Surgery Symposium Schulthess Klinik Zurich	
09:30-10:00					
10:00-10:30					
10:30-11:00		coffee break			
11:00-11:30		PLENARY SESSION 1			
11:30-12:00					
12:00-12:30		lunch			
12:30-13:00		Vascular	Neuro-radiology & Radiosurgery	Augmented & Virtual Reality Course	Students hands-on suturing Course
13:00-13:30					
13:30-14:00					
14:00-14:30					
14:30-15:00		coffee break			
15:00-15:30		Neuro-oncology	Functional	Augmented & Virtual Reality Course	
15:30-16:00					
16:00-16:30					
16:30-17:00					
17:00-17:30					
17:30-18:00					
18:00-18:30					
18:30-19:00					
19:00-19:30					
20.00	WELCOME RECEPTION faculty and guests Crowne Plaza Lounge	Faculty transfer			
20:30		SNSS, EANS & WANS Dinner Red Queen, Belgrade Waterfront			

	<p>October 31st 2023 Venue: Hotel Crowne Plaza, Belgrade DAY 2 - HOST: NEUROSURGERY CLINIC, UNIVERSITY CLINICAL CENTER OF SERBIA, BELGRADE</p>
	<p>JOINT VENTURE WITH EANS</p>
	<p>HALL 1</p>
09:00-11:30	<p>85 YEARS NEUROSURGERY CLINIC, UNIVERSITY CLINICAL CENTER OF SERBIA 100 YEARS OF NEUROSURGERY IN SERBIA - CENTENNIAL ANNIVERSARY</p>
11:30-12:00	<p>coffee break</p>
12:00-14:30	<p>Contemporary neurosurgery</p>
14:30-15:00	<p>lunch</p>
15:00-18:45	<p>Contemporary neurosurgery</p>
	<p>NATIONAL THEATER</p>
19:15	<p>Faculty Transfer to the National Theater</p>
19:30-20:00	<p>Gathering</p>
20:00-21:00	<p>CEREMONIAL ACADEMY</p>
21:00-00:00	<p>CEREMONIAL DINNER</p>



November 1 st 2023 Venue: Hotel Crowne Plaza, Belgrade DAY 3 - HOST: CLINIC FOR NEUROSURGERY, MILITARY MEDICAL ACADEMY, BELGRADE						
JOINT VENTURE WITH IANA, SBNS & TNS						
	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5	HALL 6
08:30-09:30	Spine	SBNS Session - General	Skull base	Peripheral Nerve Surgery- Basic and innovative	Trends, Insights, Innovations	Free topics Neuro- vascular & Neuro- anatomy
09:30 -10:00						
10:00-10:30						
10:30-11:00						
11:00-11:30						
11:30-12:00	coffee break					
12:00-12:30	PLENARY SESSION 2					
12:30-13:00						
13:00-13:40						
13:40-14:00	lunch					
14:00-14:30						
14:30-15:00	Vascular	IANA special Course	Neuro- oncology	Peripheral nerve surgery Update 2023	Neuro- trauma	Free topics Global, education & training, ethics & trends
15:00-15:30						
15:30-16:00						
16:00-16:30						
16:30-17:00	coffee break					
17:00-17:30	Vascular	IANA special Course	TNS Session General	Peripheral nerve surgery Surgical repair and reconstruction	Traumatic brain injuries	Free topics Spine
17:30-18:00						
18:00-18:30						
18:30-19:00						
19:00-19:30						
19:30-20:00						
20:00	Faculty transfer					
21:00	Networking dinner Lafayette club, Belgrade					

November 2nd 2023 Venue: Hotel Crowne Plaza, Belgrade DAY 4 - HOST: CLINIC FOR NEUROSURGERY, UNIVERSITY CLINICAL CENTER NIS, NIS						
JOINT VENTURE WITH CAANS & SiNch						
	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5	HALL 6
08:30-09:00	Skull base	Spine	Neuro-oncology	NURSING SYMPOSIUM General	The evolution of micro-surgical vision	Free topics peripheral nerve surgery & functional
09:00-09:30						
09:30-10:00						
10:00-10:30						
10:30-11:00						
11:00-11:30	coffee break					
12:00-12:30	PLENARY SESSION 3					
12:30-13:00						
13:00-13:40						
13:40-14:00	lunch					SNSS - EC meeting
14:00-14:30						
14:30-15:00	Global neurosurgery CAANS/SINCH/ IANA/SBNS/ EANS/TNS	Vascular	Acibadem University Session	NURSING SYMPOSIUM Spine and PN	SNSS&EANS YN event	Free topics Pediatrics & CFD
15:00-15:30						
15:30-16:00						
16:00-16:30						
16:30-17:00	coffee break					
17:00-17:30	Global neurosurgery CAANS/SINCH/ IANA/SBNS/ EANS/TNS	Spine	Pediatric	NURSING SYMPOSIUM Brain, Skull base & Vascular	Education in Neurosurgery across Europe: the AENEID project and beyond	Free topics neurooncology & skull base
17:30-18:00						
18:00-18:30						
18:30-19:00						
19:00-19:30						
19:30-20:00						
20:00	Faculty transfer					
20:30	SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner Dorćoleta, Belgrade					

November 3rd 2023 Venue: Hotel Crowne Plaza, Belgrade DAY 5 - HOSTS: CENTER FOR NEUROSURGERY, UNIVERSITY CLINICAL CENTER KRAGUJEVAC & DEPARTMENT OF NEUROSURGERY, CLINICAL HOSPITAL CENTER ZEMUN, BELGRADE				
JOINT VENTURE WITH HNS & SeENS				
	HALL 1	HALL 2	HALL 3	HALL 4
09:00-09:30	Trends & New horizons	Spine	Endovascular	Free topics Neurotrauma & Intensive care, Complications & Miscellaneous
09:30 -10:00				
10:00-10:30				
10:30-11:00				
11:00-11:30				
11:30-12:00	coffee break			
12:00-12:30	PLENARY SESSION 4			
12:30-13:00				
13:00-13:30				
13:30-14:00	lunch			SeENS - EC meeting
14:00-14:30				
14:30-15:00	General	Neuro- anesthesiology	Vascular	
15:00-15:30				
15:30-16:00				
16:00-16:30				
16:30-16:45	coffee break			
16:45-17:30	Young neurosurgeons and students forum	Free topics Spine	Vascular	
17:30-18:00				
18:00-18:45				
18:45-19:00	CLOSING & AWARD CEREMONY			
19:30	SNSS & SeENS Farewell cocktail Crowne Plaza, Exhibition Hall			

October 29th, 2023

Venue: Crowne Plaza, Belgrade

Hall: Executive Boardroom

Supporting medical students in making informed decisions for their neurosurgery residency pathways - Neuro(de)cision project (Erasmus+ KA220-HED -Cooperation partnerships in higher education)

**Partners: Humanitas University, Italy;
International Neuroscience Institute - Hannover GmbH, Germany;
University of Belgrade, Serbia; Lusiadas, S.A. Portugal**

09.00-18.00 **NEURO(DE)CISION PROJECT - PARTNER'S MEETING**

08.30-09.00 **WELCOME**

09.00-10.30 Overview of the activities run and the submission of the interim report

10.30-11.00 Coffee break

11.00-12.30 Training package development – part 1

12.30-13.30 Lunch

13.30-14.30 Visit of University of Belgrade

14.30-16.30 Training package development – part 2

16.30- 17.00 Coffee break

17.00-18.00 Open discussion

20.00 WELCOME RECEPTION FOR FACULTY AND GUESTS
Venue: Hotel Crowne Plaza Lounge, Vladimira Popovica 10, Belgrade

October 30th, 2023

Venue: Crowne Plaza, Belgrade

Host: Clinic for Neurosurgery, Clinical Center of Vojvodina, Novi Sad

SNSS in collaboration with WANS

HALL 1

- | | |
|-------------|--|
| 08.30-11.30 | GENERAL SKULL BASE AND CRANIOCERVICAL JUNCTION
(12' presentation + 3' discussion)
Moderators: Luis Borba, Vladimir Benes |
| 08.30-08.45 | Neurosurgery at the University Clinical Centre of Vojvodina – Past, Present and Future
Djula Djilvesi |
| 08.45-09.00 | Neurooncology - new trends in diagnostics and treatment
Petar Vulekovic |
| 09.00-09.15 | Organizational protocols and principles of treatment of traumatic brain and spine lesions in University Clinical centre of Vojvodina
Igor Horvat |
| 09.15-09.30 | Development and perspectives in the surgical treatment of degenerative diseases of the spine in University Clinical Center of Vojvodina
Bojan Jelaca |
| 09.30-09.45 | New trends in craniocervical junction Neurosurgery: back to the future
Massimiliano Visocchi |
| 09.45-10.00 | Neurosurgical management of craniopharyngiomas
Rudolf Fahlbusch |
| 10.00-10.15 | Skull Base Surgery: Nirvana vs Apocalypse now
Anil Nanda |
| 10.15-10.30 | Evolving concepts of craniovertebral junction instability
Atul Goel |
| 10.30-10.45 | Radical excision of craniopharyngioma
Ibrahim Sbeih |
| 10.45-11.00 | The History, the Actual situation and the Perspectives of Neurosurgery in Albania
Mentor Petrela |
| 11.00-11.15 | Preservation and improvement of vision in microsurgery of sellar/ parasellar lesions: is it possible?
Kenan Arnautovic |

- 11.15-11.30 **Evolution of neurosurgery training in Africa**
Abdeslam El Khamlichi
- 11.30-12.00 **Coffee break**
- 12.00-13.40 **PLENARY SESSION**
Moderators: Necmettin Pamir, William Couldwell
- 12.00-12.20 **Anatomy and surgery at the Mesencephalon: pitfalls and avoidance**
Miguel Arraez
- 12.20-12.40 **Merits of hybrid use of endoscopy in surgical management of CPA Pathologies**
Imad Kanaan
- 12.40-13.00 **Jugular Forâmen: A Surgical area**
Luis Borba
- 13.00-13.20 **When and how to treat a cavernoma?**
Ulrich Sure
- 13.20-13.40 **Hearing preservation in surgery of vestibular schwannoma**
William Couldwell
- 13.40-14.15 **Lunch**
- 14.15-16.30 **VASCULAR**
(12' presentation + 3' discussion)
Moderators: Miguel Arraez, Imad Kanaan
- 14.15-14.30 **Treatment of cerebral aneurysm**
Yoko Kato
- 14.30-14.45 **Dilemmas in AVM management**
Chrandrashekhar Deopujari
- 14.45-15.00 **Wisdom in Management of Giant Aneurysm**
Eka Wahjoepramono
- 15.00-15.15 **Brainstem cavernoma surgery: Strategies, Techniques and Results**
Jacques Morcos
- 15.15-15.30 **Evolution of cerebral aneurysms management in Morocco and its regional impact**
Abdeslam El Khamlichi
- 15.30-15.45 **Microsurgical and endovascular treatment of cerebral aneurysms**
Grigore Zapuhlih
- 15.45-16.00 **Surgery of MCA Aneurysm**
Abdessamad El Azhari

- 16.00-16.15 **Cerebrovascular Excellence: A pragmatic framework for optimal workflow and superior outcomes**
Jagos Golubovic
- 16.15-16.30 **The Future of Endovascular Neurosurgery: Perspectives and Training**
Simone Peschillo
- 16.30-16.45 Coffee break

16.45-19.00 **NEUROONCOLOGY**
(12' presentation + 3' discussion)
Moderators: Jacques Morcos, Ioan Stefan Florian

- 16.45-17.00 **Arachnoid membrane in meningioma surgery**
Vladimir Benes
- 17.00-17.15 **Surgical approaches for tumors in the 3rd and 4th ventricles**
Thomas Santarius
- 17.15-17.30 **Pineal Region Lesions - A Surgical Point of View**
Ioan Stefan Florian
- 17.30-17.45 **Cranio cervical meningiomas**
Kresimir Rotim
- 17.45-18.00 **Surgery of cavernoma in Eloquent Brain**
Basant Misra
- 18.00-18.15 **Preservation of visual functions during surgery of suprasellar tumours. Our operative strategy.**
Juraj Steno
- 18.15-18.30 **Glioneuronal tumors**
Nejat Akalan
- 18.30-18.45 **Clinoidal Meningiomas**
Ihsan Solaroglu
- 18.45-19.00 **Spinal cord tumor- how did I start**
Ibrahim Omerhodzic

19.45 **Gathering and Faculty transfer to the dinner venue**

20.30 **SNSS, EANS & WANS DINNER**
Venue: Red Queen, Belgrade Waterfront, BW Residences, AF1, Belgrade

HALL 2

08.30-11.30	INTRAVENTRICULAR TUMORS Moderators: Ekkehard Kasper, Abuzer Gungor
08.30-08.45	Surgical Anatomy for Tumors of the Ventricle Abuzer Gungor
08.45-09.00	Endoscopic Biopsy for tumors of the ventricles Bojan Jelaca
09.00-09.15	Microsurgery for tumors of the ventricles Pablo Gonzalez Lopez
09.15-09.30	Open Microsurgery for Colloid Cysts Andre Grotenhuis
09.30-09.45	Endoscopic Surgery for Colloid Cysts Petar Vulekovic
09.45-10.00	Endoscopic surgery for the posterior 3rd ventricle Henry Schroeder
10.00-10.15	Minimal invasive surgery for paraventricular hypothalamic hamartomas Peter Warnke
10.15-10.30	Challenges and complications in surgery of intraventricular tumors Ioan Ștefan Florian
10.30-10.45	Transventricular approaches to brain stem Miguel Arraez
10.45-11.00	Antrum lateral ventricle tumors: open surgery vs. SRS Ekkehard Kasper
11.00-11.30	Discussion
11.30-12.00	Coffee break
13.40-14.15	Lunch

- 14.15-16.15 **NEURORADIOLOGY & RADIOSURGERY**
(12' presentation + 3' discussion)
Moderators: Selcuk Peker, Yigal Shoshan
- 14.15-14.30 **The Broad Span of Using Ultrasound in Neurosurgery**
Francesco Di Meo
- 14.30-14.45 **Strenght & Limits of Tractography in SRS**
Selcuk Peker
- 14.45-15.00 **The role of radiosurgery following incomplete pituitary surgery**
Piero Picozzi
- 15.00-15.15 **Does cranial neuropathies recover after radiosurgery for cavernous sinus meningioma?**
Yigal Shoshan
- 15.15-15.30 **Oxygen-17 Metabolic in-vivo MRI in the Neurosciences**
Ciro Ramos-Estebanez
- 15.30-15.45 **Connecting the dots in neuroradiology**
Majda Thurnher
- 15.45-16.00 **The role of neuronavigation and intraoperative ultrasound in excision of brain lesions**
Diaa Galal El Sayed
- 16.00-16.15 **MRI Navigation Guided 3D-HDR Human Deep Brain Nuclei: Stepwise Cadaveric Dissection**
Huseyin Biceroglu
- 16.15-16.45 **Coffee break**
- 16.45-19.00 **FUNCTIONAL**
(12' presentation + 3' discussion)
Moderators: Piero Picozzi, Atilla Yilmaz
- 16.45-17.00 **State-of-the-Art Deep Brain Stimulation for Movement Disorders**
Alfredo Conti
- 17.00-17.15 **Laser ablation for epilepsy and tumors**
Ido Strauss
- 17.15-17.30 **How we can improve the accuracy and success in Deep Brain Stimulation Surgery**
Atilla Yilmaz
- 17.30-17.45 **SEEG for pharmacoeresistance epilepsy in Japan**
Yuichi Kubota



- 17.45-18.00 **Using MER to improve direct targeting in DBS**
Ziga Samsa
- 18.00-18.15 **Microvascular decompression for trigeminal neuralgia**
Burak Sade
- 18.15-18.30 **Different options in the treatment of trigeminal neuralgia. Siberian experience**
Jamil Rzaev
- 18.30-18.45 **Complication avoidance in functional neurosurgery**
Mitja Benedicic
- 18.45-19.00 **Discussion**
- 19.45** **Gathering and Faculty transfer to the dinner venue**
- 20.30** **SNSS, EANS & WANS DINNER**
Venue: Red Queen, Belgrade Waterfront, BW Residences, AF1, Belgrade

HALL 3

08.30-10.00	SPINE (12' presentation + 3' discussion) Moderators: Nikolay Konovalov, Jamil Rzaev
08.30-08.45	New robotic technologies in spinal neurosurgery: a tribute to fashion or the way of the future? Dmitry Dzukaev
08.45-09.00	ACAF - the game changer for cervical OPLL. Zan Chen
09.00-09.15	Innovative methods of treatment of lumbosacral spine pathology. "Fast-track" from the surgery to removal of all restrictions in elite athletes Dmitry Dzukaev
09.15-09.30	Motor recovery is primarily reliant on surgical timing in patients with disc herniation Ondra Petr
09.30-09.45	Complications avoidance in spine trauma Keki Turel
09.45-10.00	Discussion
10.00-11.30	ARTIFICIAL INTELLIGENCE IN SPINE SURGERY - SYMPOSIUM SCHULTHESS KLINIK ZURICH Moderators: Markus Loibl, Marko Aleksic
10.00-10.20	Trustworthy AI for improving diagnosis and treatment of spinal disorders Fabio Galbusera
10.20-10.40	Prognostic Models and patient Outcome in Spine Surgery Daniel Haschtmann
10.40-11.00	Will Wearable Sensor Data Revolutionize Outcome Predictions in Spine Surgery Jani Puhakka
11.00-11.30	What we have learnt about Deformities in the European Spine Study Group Frank Kleinstück
11.30-12.00	Coffee break
13.40-14.15	Lunch

14.15-16.15

AUGMENTED & VIRTUAL REALITY COURSE

Faculty: Ihsan Solaroglu, Goktug Akyoldas, Mehmet Ali Tepebasili

The virtual reality-based neuroanatomy course offers participants a unique experience compared to previous courses. The undeniable value of hands-on cadaver courses in enhancing surgical anatomy knowledge is well-recognized. Furthermore, taking advantage of technology, this course presents an opportunity for virtual dissection using 3D models of cadavers through virtual reality and/or augmented reality. In this course, attendees will acquire knowledge of the brain's white matter pathways by exploring real cadavers through VR technology. Additionally, utilizing 3D reconstructions, attendees will have the chance to observe the skull base and vascular anatomy of the brain in a virtual reality setting.

14.15-14.25

Welcome and Introduction

14.25-14.40

Lecture, live demonstration and hands-on: Neuroanatomy Training by Augmented / Virtual Reality

14.40-14.50

Introduction to the VR system

14.50-15.20

Hands-on VR for Skull Base Lesion

15.20-15.50

Hands-on VR for intrinsic Brain Lesion

15.50-16.15

Hands-on VR for Spine Surgery

16.15-16.45

Coffee break

16.45-19.00

AUGMENTED & VIRTUAL REALITY COURSE

Faculty: Ihsan Solaroglu, Goktug Akyoldas, Mehmet Ali Tepebasili

16.45-17.30

Hands-on VR for Skull Base Lesion

17.30-18.15

Hands-on VR for intrinsic Brain Lesion

18.15-19.00

Hands-on VR for Spine Surgery**19.45****Gathering and Faculty transfer to the dinner venue****20.30****SNSS, EANS & WANS DINNER**

Venue: Red Queen, Belgrade Waterfront, BW Residences, AF1, Belgrade

HALL 4

14.15-16.15 **NEURO(DE)CISION PROJECT PARTNERS' MEETING**

14.15-15.15 **Design of support materials for synchronous sessions**

15.15-16.15 **Design of materials for e-learning sessions**

16.15-16.45 **Coffee break**

16.45-19.00 **STUDENTS HANDS-ON SUTURING COURSE**

Moderators: Aleksandar Simic, Mirko Micovic, Andrija Savic

Facilitators: Jovan Grujic, Aleksa Micic, Aleksandar Djuric

19.45 **Gathering and Faculty transfer to the dinner venue**

20.30 **SNSS, EANS & WANS DINNER**

Venue: Red Queen, Belgrade Waterfront, BW Residences, AF1, Belgrade

October 31st, 2023

Venue: Crowne Plaza, Belgrade

Host: Neurosurgery Clinic, University Clinical Center of Serbia, Belgrade

Joint venture with EANS

HALL 1

- | | |
|-------------|--|
| 09.00-11.30 | 85 YEARS NEUROSURGERY CLINIC, UNIVERSITY CLINICAL CENTER OF SERBIA

100 YEARS OF NEUROSURGERY IN SERBIA - CENTENNIAL ANNIVERSARY |
| 09.00-10.00 | <p><i>Opening ceremony - Protocol</i>
 WELCOME addresses
 Milos Jokovic, Lukas Rasulic</p> <p>SERBIAN OFFICIAL
 Prof. Dr. Danica Grujicic
 Minister of health, Republic of Serbia
 Dr. Jelena Begovic
 Minister of Science, Technological Development and Innovations, Republic of Serbia
 Prof. Dr. Slavica Djukic Dejanovic
 Minister of Education, Republic of Serbia
 Prof. Dr. Lazar Davidovic
 Dean, Faculty of Medicine, University of Belgrade
 Prof. Dr. Torstein Meling
 President, EANS
 Prof. Dr. Milos Jokovic
 Director, 85 years of the Clinic for neurosurgery, UCCS</p> |
| 10.00-10.20 | <p>Foundations and landmarks of Serbian Neurosurgery:
 Milivoje Kostic
 Aleksandar Simic</p> |
| 10.20-10.40 | <p>Foundations and landmarks of Serbian Neurosurgery:
 Slobodan Kostic
 Milos Jokovic</p> <p><i>Special guest lecture</i>
 Intro: Lukas Rasulic</p> |
| 10.40-11.30 | <p>Development of neurosurgery in the last 100 years and my contribution for neurosurgery in half a century
 Madjid Samii</p> |
| 11.30-12.00 | <p>Coffee break</p> |

12.00-14.30

CONTEMPORARY NEUROSURGERY

Moderators: Milos Jokovic, Lukas Rasulic

SNSS TRIBUTE: Milivoje Kostic Lecture

12.00-12.15

Highs and lows in the life of a neurosurgeon

Andreas Demetriades

SNSS TRIBUTE: Madjid Samii Lecture

12.15-12.30

Neuromonitoring of the Soul

Karl Schaller

12.30-12.45

Going with the Flow – The data driven evolution of a Vascular Neurosurgeon

Fady Charbel

12.45-13.00

Brainstem Cavernous Malformation Surgery

Michael Lawton

13.00-13.15

Decision-making in spinal infection

Claudius Thome

13.15-13.30

Combined endoscopic endonasal and supraorbital craniotomy for complex pituitary tumours

Andre Grotenhuis

13.30-13.45

Neurosurgical Evidence and Randomized Trials: The Fragility Index

Torstein Meling

13.45-14.00

Integral training in global neurosurgery

Jesus Lafuente

14.00-14.15

Spine Science Task Force – a vision to enhance the research performance of the German Spine Society

Peter Vajkoczy

14.15-14.30

Neurosurgery Publications: The Future of Sharing Information Across the World

Douglas Kondziolka

14.30-15.00

Lunch

15.00-18.45	CONTEMPORARY NEUROSURGERY Moderators: Andreas Demetriades, Jesus Lafuente
15.00-15.15	The eyes can not see, what the brain does not know Vinko Dolenc
15.15-15.30	Endoscopic endonasal skull base surgery: a journey through time Paolo Cappabianca
15.30-15.45	Management of Tuberculum sellae meningiomas: indications for the surgical approach Francesco Tomasello
15.45-16.00	Craniocervical junction chordomas Sebastien Froelich
16.00-16.15	Exoscopic cerebrovascular surgery: current status and future perspectives. Hiroki Kurita
16.15-16.30	The challenge of awake brain surgery in a connectome-based surgical approach for low-grade glioma Hugues Duffau
16.30-16.45	Surgical treatment of Tentorial Meningiomas Necmettin Pamir
16.45-17.00	Modern neurosurgical technologies in the work of Burdenko center of neurosurgery Dmitry Usachev
17.00-17.15	Hearing preservation and restoration in Neurosurgery Amir Samii
17.15-17.30	Management of Vestibular Schwannomas after failed Treatment. A Challenging Task Marcos Tatagiba
17.30-17.45	Intraoperative investigation of motor brain connectivity during asleep glioma surgery Francesco Sala
17.45-18.00	Brain Plasticity: What should we neurosurgeons know about it? Mariano Socolovsky
18.00-18.15	Endoscopic treatment of loculated hydrocephalus types in pediatric age group Memet Ozek
18.15-18.30	Vascular Neurosurgery: Combining surgical and endovascular management Nicolas Foroglou

18.30-18.45 **NMRRC experience in neurooncology**
Andrey Kaprin

19.15 **Faculty transfer to National Theater**

19.30-20.00 **Gathering**

20.00-21.00 CEREMONIAL ACADEMY

21.00 CEREMONIAL DINNER

Venue: National Theatre, Republic Square, Belgrade

November 1st, 2023

Venue: Crowne Plaza, Belgrade

Host: Clinic for Neurosurgery, Military Medical Academy, Belgrade

Joint venture with IANA, SBNS & TNS

HALL 1

08.30-11.30	SPINE (12' presentation + 3' discussion) Moderators: Goran Pavlicevic, John Duff
08.30-08.45	Advanced cervical reconstruction techniques and cervical deformity correction Sergey Neckrysh
08.45-09.00	Cervical arthroplasty and sagittal balance: an irreconcilable relationship ? Oscar Alves
09.00-09.15	Intramedullary Spinal Cord Tumors: Our View on Surgery and Radiosurgery Nikolay Konovalov
09.15-09.30	Percutaneous anterior fixation in odontoid fracture: an evolution for the ageing population Alberto Delitala
09.30-09.45	Overcoming Complicated Kümmell's Disease: Single-stage Root-Sparing Corpectomy and Stabilization of Vertebral Body Se-Hoon Kim
09.45-10.00	Contemporary surgical management of degenerative scoliosis Goran Pavlicevic
10.00-10.15	Global Spine Care: The way Forward Salman Sharif
10.15-10.30	Surgical treatment of intramedullary spinal cord tumors Manuel Cunha e Sa
10.30-10.45	Extent of surgical resection of malignant astrocytomas of the spinal cord Vincenzo Paterno
10.45-11.00	Posterior lumbar spine fusion with expandable interbody implants: Safe and effective at the lumbo-sacral level Charles Branch
11.00-11.15	Three dimensional 4k exoscope in minimally invasive spine surgery Marisa Gandia

- 11.15-11.30 **Surgical treatment of cervical myelopathy**
Drazen Ivetic
- 11.30-12.00 Coffee break
- 12.00-13.40 **PLENARY SESSION**
Moderators: Peter Whitfield, Tony Belli
- 12.00-12.20 **Future proofing: training and assessing the next generation of neurosurgeons**
Peter Whitfield
- 12.20-12.40 **Rescuing the injured brain**
Peter Hutchinson
- 12.40-13.00 **Microsurgical Treatment of Foramen Magnum Meningiomas: Simple May Be The Best**
Hakan Emmez
- 13.00-13.20 **Navigation and Augmented Reality in spinal surgery**
Marcel Ivanov
- 13.20-13.40 **The future of vascular neurosurgery?**
Alistair Jenkins
- 13.40-14.30 Lunch
- 14.30-16.30 **VASCULAR**
(12' presentation + 3' discussion)
Moderators: Bin Xu, Andrey Dubovoy
- 14.30-14.45 **Bypass surgery for Moyamoya**
Bin Xu
- 14.45-15.00 **Brainstem Cavernomas Surgery and Holmes Tremor**
Christian Raftopoulos
- 15.00-15.15 **Post traumatic aneurysms: Rare and devastation consequences of traumatic brain injury**
Andrew Reisner
- 15.15-15.30 **Modified approach to the maxillary artery for creating a bypass**
Andrey Dubovoy
- 15.30-15.45 **Endovascular treatment of brain AVMs. Technique, role and limitations**
Gerasimos Baltasvavis

- 15.45-16.00 **Symptomatic stenosis of the transverse sinus.**
Clinical and angiographic classification. Endovascular therapy
Alfredo Pedroza
- 16.00-16.15 **Microsurgical treatment of anterior circulation aneurysms - single center results in Latvia**
Kaspars Auslands
- 16.15-16.30 **Endovascular treatment of middle cerebral artery aneurysms - current techniques**
Svetlana Milosevic Medenica
- 16.30-17.00 **Coffee break**
- 17.00-19.00 **VASCULAR**
(12' presentation + 3' discussion)
Moderators: Alexandros Andreou, Alfredo Pedroza
- 17.00-17.15 **Giant/Complex Aneurysm Treatment: An Update**
Alexandros Andreou
- 17.15-17.30 **Modern aneurysm surgery - Exoscopical aneurysm surgery: The future?**
Daniel Hanggi
- 17.30-17.45 **Arteriovenous Malformation, the role of flow and hemodynamic stresses**
Ali Alaraj
- 17.45-18.00 **Cavernous malformations of the brain and spine: Emerging concepts**
Giuseppe Lanzino
- 18.00-18.15 **MCA aneurysms – results with a clip first policy**
Veit Rohde
- 18.15-18.30 **The transvenous treatment of AVMs**
Kirill Orlov
- 18.30-18.45 **Endovascular treatment of stroke. The role of the neurosurgeon**
Nikolay Velinov
- 18.45-19.00 **Basic technique of aneurysm surgery: Tips for young neurosurgeons**
Asra Al Fauzi
- 20.00** **Faculty transfer to the dinner venue**
- 21.00** **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

HALL 2

- 08.30-11.00 **SBNS SESSION - GENERAL**
(12' presentation + 3' discussion)
Moderators: Peter Hutchinson, Alistair Jenkins
- 08.30-08.45 **Approaches for craniopharyngioma**
Alistair Jenkins
- 08.45-09.00 **Surgical management of transdural spinal cord herniation**
Marcel Ivanov & Ramez Ibrahim
- 09.00-09.15 **Delivering Advanced Therapeutic Medicinal Products (ATMPs) to the Human brain**
Liam Gray
- 09.15-09.30 **Neuroinflammation in acute brain injury**
Tamara Tajsic
- 09.30-09.45 **Current status of UK clinical trials**
Carole Turner
- 09.45-10.00 **New frontiers in immunotherapy for brain tumours**
Keyoumaras Ashkan
- 10.00-10.15 **Progress and future directions in Chronic Subdural Haematoma management**
Ellie Edlmann
- 10.15-10.30 **Picking winners in geriatric neurosurgery**
Paul Brennan
- 10.30-10.45 **Technical advances in deep brain stimulation**
Keyoumaras Ashkan
- 10.45-11.00 **Discussion**
- 11.00-11.15 **FRED X clinical evidence: FRESH study results**
Johann Du Plessis
- 11.15-11.30 **EVO STENT ASSISTED COILING: long terms FU**
Johann Du Plessis
- 11.30-12.00 **Coffee break**
- 13.40-14.30 **Lunch break**

14.30-16.30	IANA SPECIAL COURSE Moderators: Thomas Santarius, Francesco Tomasello
14.30-14.45	Functional neuroanatomy through the lens of the endovascular surgeon Igor Maldonado
14.45-15.00	Cavernoma, should we remove hemispheric one? Vladimir Benes
15.00-15.15	Anatomy relevant to the treatment of pituitary macroadenomas Thomas Santarius
15.15-15.30	Anterior Skull Base Tumors: Moving towards new approaches Jose Alberto Landeiro
15.30-15.45	Anatomical highlights for tailored retrosigmoid approach to CPA and variants Imad N. Kanaan
15.45-16.00	Hearing preservation in lateral skull base surgery Sanjeeva Jeyaretna
16.00-16.15	The skull base journey - Anatomy remains relevant in past, present and future Iype Cherian
16.15-16.30	Discussion
16.30-17.00	Coffee break
17.00-19.00	IANA SPECIAL COURSE Moderators: Giovanni Broggi, Jose Alberto Landeiro, Igor Maldonado
17.00-17.15	In vivo confocal laser endoscopy in neuro oncological surgery Giovanni Broggi
17.15-17.30	Anatomy of the limbic system and surgery for limbic and paralimbic tumours Abihida Shah
17.30-17.45	Tumours in and around fourth ventricle Ioan Stefan Florian
17.45-18.00	Resection Strategies for GBM: Anatomical Considerations and imaging Aspects Ekkehard Kasper

- 18.00-18.15 **Petrous Bone Anatomy: surgical routes and intrinsic pathology**
Pablo Gonzalez Lopez
- 18.15-18.30 **Anatomy and approaches to CV junction**
Salman Sharif
- 18.30-18.45 **Cranio-vertebral junction tumors: Simplicity trumps complexity**
Mario Ammirati
- 18.45-19.00 **Discussion**
- 20.00 **Faculty transfer to the dinner venue**
- 21.00 **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

HALL 3

08.30-11.45	SKULL BASE (12' presentation + 3' discussion) Moderators: Michael Bruneau, Ricardo Ramina
08.30-08.45	Management of small and large petroclival meningiomas Ricardo Ramina
08.45-09.00	Meningiomas – resection and recurrence Tiit Mathiesen
09.00-09.15	Comparison of the approaches to anterior midline skull base meningiomas Michael Bruneau
09.15-09.30	Long term results of pituitary surgery David Netuka
09.30-09.45	Options of Neuroendoscopy in the cavement neurosurgical setting Joachim Oertel
09.45-10.00	Skull Base Meningioma: From cure to Transformation Luis Borba
10.00-10.15	Foramen magnum meningioma approached by the midline subtonsilar approach Jose Alberto Landeiro
10.15-10.30	Updates in Pituitary Tumor Treatment Plan Nelson Oyesiku
10.30-10.45	Myths about vestibular schwannoma surgery and technical pearls in facial nerve preservation Suresh Nair
10.45-11.00	Pitfalls in Surgery of Anterior Clinoid Meningioma Oleksandr Voznyak
11.00-11.15	Improving quality of life and cognitive outcomes in brain tumour treatment Kate Drummond
11.15-11.30	Is there still a place for surgery in small and medium size acoustic neuromas? Antonio Cerejo

11.30-11.45 **Minimalism and optimal visualisation in skull base tumors - endoscopic assisted keyhole approaches**
Sumit Sinha

11.45-12.00 Coffee break

13.40-14.30 Lunch break

14.30-16.30 **NEUROONCOLOGY**
(12' presentation + 3' discussion)
Moderators: Joachim Oertel, Peter Winkler

14.30-14.45 **Tumor-associated epilepsy and epilepsy-associated tumors**
Matthias Simon

14.45-15.00 **Research laboratory of microsurgical and endoscopic neuroanatomy as a translational model**
Peter Winkler

15.00-15.15 **Maximal Safe Resection in Glioma Surgery: the gold standard with prolonged survival**
Ihsan Solaroglu

15.15-15.30 **Management of Complex Glomus Jugulare Tumors**
Diego Mendez Rosito

15.30-15.45 **Dynamic Lateral Semisitting position for supracerebellar approaches**
Abuzer Gungor

15.45-16.00 **Clinical Glioma Research: What have we learned in the last 30 years?**
Vakis Papanastassiou

16.00-16.15 **Giant Vestibular Schwannomas- Modified surgical technique for facial nerve preservation**
Sunil Kumar Gupta

16.15-16.30 **The surgeon's lab for the management of malignant gliomas**
Christian Freyschlag

16.30-16.45 **Barriers and fasciliators in the implementation of a telemedicine-based outpatient brain tumor surgery program**
Ruben Martin-Laez

16.45-17.00 Coffee break

- 17.00-19.00 **TNS SESSION - GENERAL**
(12' presentation + 3' discussion)
Moderators: Hakan Emmez, Ihsan Solaroglu
- 17.00-17.15 **Translational research in neurosurgery**
Ihsan Solaroglu
- 17.15-17.30 **Supracerebellar-infratentorial approach to pineal region**
Nejat Akalan
- 17.30-17.45 **Third ventricle surgery : Endoscopic and microscopic approaches, advantages of ventriculoport technique**
Bulent Duz
- 17.45-18.00 **Endoscopic Treatment of Colloid Cysts**
Onur Ozgural
- 18.00-18.15 **Transorbital Neuroendoscopic Approach to the Cavernous Sinus**
Eyup Bayatli
- 18.15-18.30 **Neurosurgical Management of Tourette Syndrome**
Mustafa Yavuz Samanci
- 18.30-18.45 **Tumor Control and Facial Nerve Outcome after Subtotal Resection of Vestibular Schwannomas**
Hakan Emmez
- 18.45-19.00 **Discussion**
- 20.00** **Faculty transfer to the dinner venue**
- 21.00** **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

HALL 4

- 08.30-11.30 **PERIPHERAL NERVE SURGERY - BASIC AND INNOVATIVE**
(12' presentation + 3' discussion)
Moderators: Christian Heinen, Fernando Guedes
- 08.30-08.45 **Utility of MRI neurography in neurofibromatosis type I and tumors**
Daniela Binaghi
- 08.45-09.00 **Reviving Matrix for Treatment of Peripheral Nerve and Spinal Cord Injuries with Massive Loss Defect**
Shimon Rochkind
- 09.00-09.15 **Advanced imaging and molecular biology in PN practice**
Line Jacques
- 09.15-09.30 **Silk Biomaterials in Peripheral Nerve Tissue Engineering**
Christine Radtke
- 09.30-09.45 **Complications of modeling substances migration affecting peripheral nerves**
Carlos Rodriguez Aceves
- 09.45-10.00 **Reconstruction of sensory function: opportunities at the neural interface**
Nora Dengler
- 10.00-10.15 **Thoracic Outlet Syndrome**
Debora Garozzo
- 10.15-10.30 **Life quality after decompression of the pudendal nerve – is surgery a viable therapeutical option?**
Christian Heinen
- 10.30-10.45 **Meralgia Paresthetica, a decade of research**
Amgad Hanna
- 10.45-11.00 **The banana splitting DREZotomy: an atraumatic method to improve pain relief after dorsal root entry zone lesioning in brachial plexus injuries. Case series and tenets for the treatment**
Stefano Ferraresi
- 11.00-11.15 **Decompression of the tibial nerve within the four medial ankle tunnels enhances blood flow and promotes chronic wound healing in patients with diabetic neuropathy**
Sofija Pejкова
- 11.15-11.30 **Discussion**

11.30-12.00 Coffee break

13.40-14.30 Lunch break

14.30-16.30 PERIPHERAL NERVE SURGERY - UPDATE 2023

(12' presentation + 3' discussion)

Moderators: Jorge Clifton, Thomas Kretschmer

14.30-14.45 **Brachial plexus tumors**

Thomas Kretschmer

14.45-15.00 **Is a tumor affecting a peripheral nerve a benign or a malignant one?**

Fernando Guedes

15.00-15.15 **The use of contralateral C7 in complete Brachial Plexus**

Alain Gilbert

15.15-15.30 **Nerve Transfers: Update 2023**

Eric Zager

15.30-15.45 **Management of tumors of peripheral nervous system**

Pavel Haninec

15.45-16.00 **Nerve transfers in SCI: technique and outcomes**

Justin Brown

16.00-16.15 **The Piriformis Syndrome manifesting as a Lumbar Disc Syndrome. A 25 year experience in treating patients with Piriformis syndrome. A Report of 19 cases**

Isreal Chambi

16.15-16.30 **Lumbo Sacral plexus neurogenic tumors- our experience**

Ketan Desai

16.30-17.00 Coffee break

17.00-19.00 PERIPHERAL NERVE SURGERY - SURGICAL REPAIR AND RECONSTRUCTION

(12' presentation + 3' discussion)

Moderators: Mariano Socolovsky, Line Jacques

17.00-17.15 **110 years of radial nerve transfer to the axillary nerve**

Jorge Clifton

17.15-17.30 **Nerve transfers in non traumatic amyotrophy in children**

Jorg Bahm

- 17.30-17.45 **Nerve grafting long versus short: which one is better?**
Mariano Socolovsky
- 17.45-18.00 **Limb positioning to overcome nerve gaps and avoid grafting**
Justin Brown
- 18.00-18.15 **Update on microsurgical reconstruction in obpp**
Jorg Bahm
- 18.15-18.30 **Combined vascular injuries and peripheral nerves trauma**
Ilijas Cinara
- 18.30-18.45 **Indications for peripheral nerve surgery**
Mirsad Hodzic
- 18.45-19.00 **Treatment of the radial nerve injuries**
Andrija Savic
- 20.00 **Faculty transfer to the dinner venue**
- 21.00 **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

HALL 5

08.30-11.30	TRENDS, INSIGHTS, INNOVATIONS (12' presentation + 3' discussion) Moderators: Nikolay Gabrovsky, Arya Nabavi
08.30-08.45	Ethics of neurotechnology Graham Fieggen
08.45-09.00	Towards a new understanding of CSF circulation Concezio Di Rocco
09.00-09.15	AI in Neurosurgery - where we are going Yigal Shoshan
09.15-09.45	Self shielding gyroscopic radiosurgery - ZAP-X David Miles
09.45-10.00	Neuroregeneration in 2040: Will Stem Cells, Extracellular Vesicles, and Nanotechniques Deliver Their Promise? Russell Andrews
10.00-10.15	Endoscopy in Neurosurgery - An Update Artur Xhumari
10.15-10.30	Robotics/Prosthetics Arya Nabavi
10.30-10.45	The role of augment and virtual reality in neurosurgery: how the digital era is changing training and surgery Antonio Bernardo
10.45-11.00	Non-invasive pulsed electrical fields for inducing subtle/transient BBB disruption, enabling efficient delivery of therapeutics into the CNS Yael Mardor
11.00-11.15	Innovations and technological advancements in neurosurgery Nikolay Gabrovsky
11.15-11.30	ChatGPT and AI: How it will affect medicine/neurosurgery? Mohammad Alolama
11.30-11.45	Augmented reality in skull base surgery Mirza Pojskic
11.45-12.00	Coffee break
13.40-14.30	Lunch break

14.30-16.30	NEUROTRAUMA (12' presentation + 3' discussion) Moderators: Andrew Reisner, Tariq Khan
14.30-14.45	Evidence based timing of surgery in neurotraumatology Wilco Peul
14.45-15.00	Why Neurotrauma should be a notifiable condition Tariq Khan
15.00-15.15	"Of mice and men": Can we focus and improve our surgical neurotrauma treatment based on results of experimental studies? Jacek Szczygielski
15.15-15.30	Hormonal dysregulation after head injury Vincenzo Paterno
15.30-15.45	Forensic-medical aspect of neurotraumatism/PTSD in focus Ranko Raicevic
15.45-16.00	Decompressive craniectomy and contemporary cranioplasty options Nenad Novakovic
16.00-16.15	Chronic subdural hematoma burr-hole drainage in sitting position Milan Lepic
16.15-16.30	SDH 2 year institutional experience - Surgical vs Endovascular treatment Domagoj Gajski & Vladimir Kalousek
16.30-17.00	Coffee break
17.00-17.30	Tumor workflow reconsider the standard of care Vellko Stoimenov
17.30-19.00	TRAUMATIC BRAIN INJURIES (12' presentation + 3' discussion) Moderators: Djula Djilvesi, Corrado Iaccarino
17.30-17.45	The impact of simultaneous trauma to the brain and to the spine Andreas Demetriades
17.45-18.00	Management of severe traumatic brain injury- results and development of the Lund concept Niklas Marklund



- 18.00-18.15 **Traumatic Brain Injury under antithrombotic therapy**
Corrado Iaccarino
- 18.15-18.30 **The diagnosis and management of mild TBI as relevant to defense medicine**
Tony Belli
- 18.30-18.45 **The utility of Biomarkers in Traumatic Brain Injuries in Children: Opportunities and challenges**
Andrew Reisner
- 18.45-19.00 **Controversies of Current Surgical Treatment of Missile Penetrating Brain Injury during the Military Conflict**
Bruno Splavski
- 20.00 Faculty transfer to the dinner venue
- 21.00 **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

HALL 6

- 08.30-11.30 **FREE TOPICS NEUROVASCULAR & NEUROANATOMY**
Moderators: Aki Laakso, Jagos Golubovic
- 08.30-08.42 **Endovascular embolization treatment ruptured aneurysms 16 Years follow-up**
Snezana Lukic
- 08.43-08.49 **Role of inflammatory and oxidative stress makers in intracerebral hemorrhage: our experience in predicting posthemorrhagic cerebral edema**
Vladimir Rendevski
- 08.50-08.56 **Minimally Invasive Evacuation of Hypertensive Intra Cerebral Haemorrhage Through a Mini-Craniotomy in a Resource-Poor Setting**
Surath Sanjaya Kumara Munasinghe Arachchige
- 08.57-09.03 **Magnetic Resonance Imaging Markers of Depression in The Elderly**
Ana Starcevic
- 09.04-09.10 **Continuous versus interrupted suture technique for microvascular anastomosis in chicken wing vessels**
Sunil Kumar Gupta
- 09.11-09.17 **Mechanical Thrombectomy of the Middle Cerebral Artery Using Only Large Bore Aspiration Catheter**
Damijan Bogicevic
- 09.18-09.24 **The difference in the length of hospitalization between patients with ruptured and unruptured aneurysms treated with endovascular treatment**
Teodora Musulin
- 09.25-09.31 **Association between demographic characteristics, rupture status and outcome in patients with intracranial aneurysm**
Bojana Kuzmanovic
- 09.32-09.38 **Surgical Treatment Of Chronic Subdural Hematoma**
Nikola Stevanovic
- 09.39-09.45 **Surgical treatment of orbital cavernoma**
Nikola Stojanovic
- 09.46-09.52 **Cervical Cavernoma Complicated with Extended Hemorrhage: A Complex Case of a 31-Year-Old Male Patient**
Mihail Tănăsescu

- 09.53-09.59 **Gender and age influence on rupture of brain aneurysms**
Tijana Radojicic
- 10.00-10.06 **Cavernous malformation of the medulla: a case report and literature review**
Robert Alexandru Filimon
- 10.07-10.13 **Aneurysms at Early Branch of Middle Cerebral Artery**
Ivica Kocevski
- 10.14-10.20 **Clipping off ACom- A2 ruptured aneurysm after unsuccessful coiling attempt**
Mihail Tausahnov
- 10.21-10.27 **Procedure related hemorrhagic complications during Mechanical Thrombectomy**
Uros Mircic
- 10.28-10.34 **Impact of specific clinical risk factors on brain aneurysm rupture**
Nina Mladenovic
- 10.35-10.47 **Enlargement to a saccular aneurysm and subsequent rupture of infundibular widening of posterior communicating artery**
Nemanja Jovanovic
- 10.48-10.54 **Microanatomy of CNS PNS Junction in Trigeminal, Facial, and Vestibulocochlear Nerves**
Tulika Gupta
- 10.55-11.01 **Anatomical Variations of the Median Nerve: A Cadaveric Study**
Manuel De Jesus Encarnación Ramírez
- 11.02-11.08 **Cortical correlates of patients with trauma and stress related disorders - post traumatic stress disorder**
Filip Starcevic
- 11.09-11.15 **Anatomical Variations of the Sciatic Nerve Exit from the Pelvis and Its Relationship with the Piriformis Muscle: A Cadaveric Study**
Manuel De Jesus Encarnación Ramírez
- 11.16-11.22 **Hypofractionated gamma knife radiosurgery for surgical bed of metastatic brain**
Mehmet Ali Tepebasili
- 11.23-11.30 **Discussion**
- 11.30-12.00 **Coffee break**
- 13.40-14.30 **Lunch break**

14.30-16.30	FREE TOPICS GLOBAL, EDUCATION&TRAINING, ETHICS & TRENDS Moderators: Ondra Petr, Nikolay Velinov
14.30-14.42	Global Neurosurgery and the Role of Students and Trainees Nathan Shlobin
14.42-14.48	First neurosurgical interventions and operations in Zemun hospital Vuk Aleksic
14.48-14.54	The Importance of Social Networks in Neurosurgery Training in Low/ Middle income countries Manuel De Jesus Encarnacion Ramirez
14.54-15.00	Neurosurgical Service in Archipelagic Province in Low Middle Income Country Eric Brahm Malelak
15.00-15.06	Global Neurosurgery: Alleviating Neurosurgical Disease Burden From Wake Of Pandemic To Havoc Of Flooding. Pakistan's First Neurosurgical Rural Outreach Survey Peer Asad Aziz Qureshi
15.06-15.12	Pineal Region Tumor: A 10-years' Experience in Eastern Indonesia's Tertiary Center Rifqi Aulia Destiansyah
15.12-15.18	Doctor Radomir Davidović, a neurosurgeon and a war surgeon Vuk Aleksic
15.18-15.24	Bioethics in Neurosurgery Nathan Shlobin
15.24-15.30	Empowering the Future of Neuroscience: The Neuropedia Success Story Omar Jbarah
15.30-15.36	Through war, communism and transformation. How political changes in Europe influenced development of neurosurgery in XX and XXI century in Poland. Krzysztof Szalecki
15.36-15.42	Development of a 3D Printed Brain Model with Vasculature for Neurosurgical Procedure Visualisation and Training Manuel De Jesus Encarnacion Ramirez
15.42-15.48	Social Determinants of Health in Neurosurgery Nathan Shlobin

- 15.48-15.54 **Ultrasound-guided minimally invasive treatment of pain in recurrent trigeminal neuralgia: basic efficiency indicators**
Olivera Jovanikic
- 15.54-16.00 **Robotic spine surgery. Revolution, evolution or a separate development path? Summary of 2 years' experience of using a robotic system for spinal surgery.**
Krzysztof Szalecki
- 16.00-16.06 **Development of a Novel Low-Cost Exoscope to Expand Access to Microneurosurgical Care in Low- and Middle-Income Countries**
Manuel De Jesus Encarnacion Ramirez
- 16.06-16.12 **The Role of Deep Prayers in Innovations**
Andras Csokay
- 16.12-16.18 **Implementation of the World Health Organization surgical safety checklist at the Yaounde Central Hospital**
Lotin Dipita Lobe Felicien Thierry
- 16.18-16.30 **Discussion**
- 16.30-17.00 **Coffee break**
- 17.00-19.00 FREE TOPICS
SPINE**
Moderators: Michalakis Spyrou, Vojin Kovacevic
- 17.00-17.12 **Neurogenic claudication versus angina spinalis – contact endoscopy blood flow evidence**
Milan Spaic
- 17.12-17.18 **Management of Same Level Recurrent Lumbar Disc Herniation. A Comparative analysis of Posterior Lumbar Interbody Fusion and Repeat Discectomy.**
Gerald Musa
- 17.18-17.24 **Histopathological and ultrastructural analysis of ligamentum flavum in patients with lumbar disc herniation and lumbar spinal stenosis: a comparative analysis**
Vuk Aleksic
- 17.24-17.30 **Minimal invasive tubular microdiscectomy in L3 L4 far lateral disc extrusion**
Katerina Jolevska
- 17.30-17.36 **Intradural disc herniation at L4/5 level causing Cauda equina syndrome**
Marina Jakimoska Dimkovska

- 17.36-17.42 **Confusing finding of the medullary conus cyst: a case report**
Vuk Aleksic
- 17.42-17.48 **Short Segment Posterior Fixation with Pedicle Screws at the Level of the Fracture (Short Same Segment Fixation - SSSF) For Unstable Thoracolumbar Burst Fractures – Do They Do Better?**
Surath Sanjaya Kumara Munasinghe Arachchige
- 17.48-17.54 **Rostral Migration of Intradural Bullet From Lumbar to Thoracic Spine: Case Report and Review of the Literature**
Mikael Shimekit
- 17.54-18.00 **Neuro-Urological examination technique in spinal neurosurgery department**
Dmitry Lysachev
- 18.00-18.06 **Spectrum of compressive spinal masses diagnosed in HIV-infected patients managed at a single tertiary hospital.**
Kuzolunga Xulu
- 18.06-18.12 **Comparative Analysis of Kyphotic Deformity Correction and Implant Failure in Percutaneous Pedicle Screw Fixation for Thoracolumbar Burst Fractures: Influence of Incorporated Screws at Fracture Level**
Muhammed Jehanzeb
- 18.12-18.18 **Correlation between intraoperative neurophysiological monitoring and patient neurological status after surgical treatment of intramedullary spinal cord tumors**
Maria Kudymets
- 18.18-18.24 **Long term follow up (7 years) outcome of bone marrow derived stem cells in acute complete spinal cord injury. A randomized placebo controlled trail**
Renu Rani
- 18.24-18.30 **Experience in the use of minimally invasive microsurgical decompression (MMD) in spinal degenerative monosegmental stenosis of the spinal canal of the lumbosacral spine**
Evgeny Brinyk
- 18.30-18.36 **Comparative Analysis of Open TLIF and Wiltse Approach in Treating Single-Level Lumbar Spondylolisthesis: A Retrospective Study of 600 Cases.**
Renat Nurmukhametov
- 18.36-18.42 **Patients Follow-Up of Lumbar Foraminal Stenosis after endoscopic surgery**
Renat Nurmukhametov



- 18.42-18.48 **Syringo-Subarachnoid Shunt Placement using a small catheter: a case report and technical note**
Elmedina Asani
- 18.48-18.54 **Radiological comparison of sagittal balance outcomes between cervical corpectomy and cervical posterior fusion**
Vitor Pinto
- 18.54-19.00 **Discussion**
- 20.00 Faculty transfer to the dinner venue
- 21.00 **NETWORKING DINNER**
Venue: Lafayette Club, Karadjordjeva 2-4, Belgrade

November 2nd, 2023

Venue: Crowne Plaza, Belgrade

Host: Clinic for Neurosurgery University Clinical Center of Nis, Nis

Joint venture with CAANS and SiNch

HALL 1

- | | |
|-------------|---|
| 08.30-11.30 | SKULL BASE
(12' presentation + 3' discussion)
Moderators: Antonino Germano, Salman Sharif |
| 08.30-08.45 | The role of gamma knife in treatment of skull base tumors: a literature review
Mohammad Alolama |
| 08.45-09.00 | The nasal route for craniopharyngiomas and unconventional pituitary adenomas
Luigi Cavallo/ Domenico Solari |
| 09.00-09.15 | Surgical treatment of large and giant recurrent vestibular schwannomas
Ricardo Ramina |
| 09.15-09.30 | Orbital and transorbital endoscopic approaches: which perspectives?
Davide Locatelli |
| 09.30-09.45 | Surgical management of aggressive pituitary adenomas
Filippo Angileri |
| 09.45-10.00 | Extradural anterior clinoidectomy fo parasellar meningiomas
Vincenzo Esposito |
| 10.00-10.15 | Multidisciplinary in skull base approaches: considerations, rationale and technical nuances
Maurizio Iacoangeli |
| 10.15-10.30 | Multidisciplinary in skull base approaches: considerations, rationale and technical nuances / II
Fabio Greco |
| 10.30-10.45 | Endoscopic endonasal approach to tuberculum sellae meningiomas
Roman Bosnjak |
| 10.45-11.00 | Tumours of the ventricular trigone: multimodal surgical strategy based on nTMS tractography with the use of tubular retractors
Antonino Germano |
| 11.00-11.15 | A Multidisciplinary Pituitary Tumor Clinic - The Role of Neuro-ophthalmologist
Maja Kostic |

- 11.15-11.30 **The endonasal route for anterior skull base meningiomas**
Domenico Solari
- 11.30-12.00 Coffee break
- 12.00-13.40 **PLENARY SESSION**
Moderators: Maurizio Fornari, Bello Shehu
- 12.00-12.20 **Modern treatment of intramedullary spinal cord tumors**
Maurizio Fornari
- 12.20-12.40 **Pituitary Adenomas**
Bello Shehu
- 12.40-13.00 **Guidelines in Neurosurgery: time for a change??**
Franco Servadei
- 13.00-13.20 **The treat, equip and train (TET) model in promoting neurosurgical development in LMIC regions- the East African experience**
Mahmood Qureshi
- 13.20-13.40 **Pediatric Brain Tumors-one of our worst healthcare disparities**
Frederick Boop
- 13.40-14.30 Lunch
- 14.30-16.30 **GLOBAL NEUROSURGERY**
CAANS/SINCH/IANA/SBNS/EANS/TNS
(12' presentation + 3' discussion)
Moderators: Gail Rosseau, Jesus Lafuente
- 14.30-14.45 **A global approach to neurosurgery: which disparities around the world?**
Franco Servadei
- 14.45-15.00 **Use of outreach mobile neuroendoscopy for hydrocephalus to develop neurosurgery in areas of need - the experience in Sub-Saharan Africa**
Mahmood Qureshi
- 15.00-15.15 **Redefining neurosurgery in LMIC. Training is the key**
Jesus Lafuente
- 15.15-15.30 **My experience and reflections of education and training in Sub-Saharan africa**
Magnus Tisell

- 15.30-15.45 **The Influence of Nikola Tesla on Neurosurgery**
Gail Rosseau/Nathan Shlobin
- 15.45-16.00 **Global Neurosurgery projects - Think global act local**
Lukas Rasulic
- 16.00-16.15 **Global Challenges with the Quality and Quality of Neurosurgery Research: The way forward**
Ignatius Esene
- 16.15-16.30 **Discussion**
- 16.30-17.00 **Coffee break**
- 17.00-19.00 **GLOBAL NEUROSURGERY CAANS/SINCH/IANA/SBNS/EANS/TNS - PART II**
(12' presentation + 3' discussion)
Moderators: Keki Turel, Massimiliano Visocchi
- 17.00-17.15 **Global Neurosurgery needs focus and dedication**
Francis Fezeu
- 17.15-17.30 **CEA2023**
Christopher Loftus
- 17.30-17.45 **Neurosurgical Education in Egypt and Africa**
Nasser El-Ghandour
- 17.45-18.00 **Preventing and managing complications in endoscopic skull base surgery**
Mustafa Berker
- 18.00-18.15 **Avoidance of Complications in Glioma Surgery**
Keki Turel
- 18.15-18.30 **Complication avoidance in neurosurgery - Is the technology, training or techniques which one to focus**
Amitendu Sekhar
- 18.30-18.45 **Complications in peripheral nerve surgery**
Lukas Rasulic
- 18.45-19.00 **Discussion**
- 20.00 **Faculty transfer to the dinner venue**
- 20.30 **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**
Venue: Dorcoleta, Dobracina 76, Belgrade

HALL 2

08.30-11.30	SPINE (12' presentation + 3' discussion) Moderators: Mehmet Zileli, Nebojsa Stojanovic
08.30-08.45	Human Neurophysiology of the upper motor neuron paralysis Milan Dimitrijević
08.45-09.00	Lumbar spinal stenosis-When to decompress or fuse Mehmet Zileli
09.00-09.15	Surgical challenges and approaches in addressing transitional segments of the spine Nebojsa Stojanovic
09.15-09.30	Treatment for Recurent Lumbar Disc Herniation - our experience in last 10 years Vojislav Bogosavljevic
09.30-09.45	Instrumented Decompression for degenerative Lumbar canal stenosis in the elderly with comorbidities Harjinder Bhatoe
09.45-10.00	The pivotal role of intraoperative navigation in fixation of craniovertebral junction malformations Carlo Brembilla
10.00-10.15	Expandable Posterior Interbody Implants for Deformity Correction Charles Branch
10.15-10.30	Role of exoscope in spine surgery: overall experience and critical analysis Francesco Costa
10.30-10.45	Evolution and versatilty of lateral MIS approaches to the lumbar spine Avelino Parajon
10.45-11.00	Tenets for managing intradural spinal cord tumors Kandasamy Regunath
11.00-11.15	Minimally Invasive Tubular Microdiscectomy For Recurrent Lumbar Disc Herniation: Step-By-Step Technical Description And Retrospective Review Khaled AlAli
11.15-11.30	Discussion

11.30-12.00	Coffee break
13.40-14.30	Lunch
14.30-16.30	VASCULAR (12' presentation + 3' discussion) Moderators: Gerasimos Baltasvias, Svetlana Milosevic Medenica
14.30-14.45	Natural history and quality of life with brain AVMs Aki Laakso
14.45-15.00	Contemporary diagnostics and treatment of cerebral vasospasm (CVS) and delayed cerebral ischemia (DCI) after aneurysmal SAH: What we know and do Ondra Petr
15.00-15.15	Revascularization therapies in acute stroke patients treated with direct oral anticoagulants Senta Frol
15.15-15.30	Epilepsy associated with cerebral cavernous malformations: surgical management and outcome Volodymyr Smolanka
15.30-15.45	Cavernous Malformations – Risk of Bleeding and Riskfactors Philipp Dammann
15.45-16.00	CNS AVMs: Development, Genetics and Perspectives for Targeted Therapies Ivan Radovanovic
16.00-16.15	Role of female hormones in intracranial Aneurysms Marvin Darkwah Oppong
16.15-16.30	Complications after angiogram-negative subarachnoid haemorrhage: comparative study of pretruncal and nonpretruncal hemorrhage patients Aleksandar Kostic
16.30-17.00	Coffee break
17.00-19.00	SPINE (12' presentation + 3' discussion) Moderators: Harjinder Bhatoe, Francesco Costa
17.00-17.15	Minimally Invasive Spine Surgery. The road less travelled. John Michael Duff
17.15-17.30	Spinal infection management Florian Ringel

- 17.30-17.45 **Preliminary experience of mini invasive lumbar arthrodesis with facet wedges system**
Giovanni Broggi
- 17.45-18.00 **Reduction techniques for basilar invagination**
Mehmet Zileli
- 18.00-18.15 **Strategies in Cervical Hybrid Surgery**
Miroslav Vukic
- 18.15-18.30 **Cervical spondylotic myelopathy: new score system to assess surgical management**
Francesco Costa
- 18.30-18.45 **Pitfalls in the diagnosis and management of spinal intramedullary tumors**
Suresh Nair
- 18.45-19.00 **The Anjali spinal navigation technique”: Simplifying Complex spine Surgery**
Avinash Haridas
- 20.00** **Faculty transfer to the dinner venue**
- 20.30** **SNSS, CAANS, IANA, SBNS, SINCH & TNS DINNER**
Venue: Dorcoleta, Dobracina 76, Belgrade

HALL 3

08.30-11.30	NEUROONCOLOGY (12' presentation + 3' discussion) Moderators: Vesna Nikolov, Martin Smrcka
08.30-08.45	Global brain metastases management strategy Vesna Nikolov
08.45-09.00	Resection of insular gliomas: how useful is navigated intraoperative 3D-ultrasound? Andrej Steno
09.00-09.15	Transcalloal approach Martin Smrcka
09.15-09.30	Multimodal strategy of treatment of craniopharyngiomas Diego Mazzatenta
09.30-09.45	Impact of Methionine PET to personalize treatment decisions in lower grade glioma patients Federico Pessina
09.45-10.00	Low grade glioma: new treatment approach Ivan Stefanovic
10.00-10.15	Key role of microsurgical dissections on cadaveric specimens in neurosurgical training: Setting up a new research anatomical laboratory and defining neuroanatomical milestones Michelangelo De Angelis
10.15-10.30	Approaches to pineal region: Surgical techniques and anatomical considerations Baran Bozkurt
10.30-10.45	Intraoperative neurophysiology in tumor cases. Protocol review Konstantinos Papadopoulos
10.45-11.00	Insular tumors surgery: technical nuances to avoid risks and extend resection Giannantonio Spena
11.00-11.15	Management and treatment of brain tumors during pregnancy: an Italian survey Teresa Somma
11.15-11.30	Multimodal Strategies in Low Grade Glioma Surgery Tamara Ius

11.30-12.00	Coffee break
13.40-14.30	Lunch
14.30-16.30	ACIBADEM UNIVERSITY SESSION Moderators: Necmettin Pamir, Koray Ozduman
14.30-14.45	Insular gliomas Necmettin Pamir
14.45-15.00	Extension patterns of diffuse gliomas Koray Ozduman
15.00-15.15	Neurocognitive evaluation of glioma patients Baran Bozkurt
15.15-15.30	Central Neurocytomas Orhun Çevik
15.30-15.45	How does molecular-genetics change glioma surgery Koray Özdoğan
15.45-16.00	Surgical approach to brainstem cavernomas Imre Usseli
16.00-16.10	Discussion
16.10-16.30	DBS - patient experience Darko Chudy
16.30-17.00	Coffee break
17.00-19.00	PEDIATRIC (12' presentation + 3' discussion) Moderators: Concezio Di Rocco, Frederick Boop
17.00-17.15	Update on Care for Childhood Ependymoma Frederick Boop
17.15-17.30	Does molecular pathology change our neurosurgical strategies in pediatric brain tumors? Sergey Gorelyshev
17.30-17.45	Recent advances in pediatric brain tumor surgery Aurelia Peraud
17.45-18.00	Endoscopic endonasal transsphenoidal surgery in children: widening the spectrum of oncological indications in the pediatric age group Gianpiero Tamburrini

- 18.00-18.15 **Surgical results of Renier H technique and total cranial vault remodeling in children with scaphocephaly**
Tomaz Velnar
- 18.15-18.30 **Yet another scaphocephaly recipe: TSEO revisited**
Mirko Micovic
- 18.30-19.00 **Discussion**
- 20.00 **Faculty transfer to the dinner venue**
- 20.30 **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**
Venue: Dorcoleta, Dobracina 76, Belgrade

HALL 4

NURSING SYMPOSIUM - CONTEMPORARY NURSING IN NEUROSURGERY

08.30-11.30	NURSING IN NEUROSURGERY – GENERAL Moderators: Snezana Tomasevic, Enisa Rizic, Nada Stojadinovic
08.30-08.40	Welcome address Milos Jokovic, Lukas Rasulic, Zaklina Djuric, Snezana Tomasevic
08.40-08.50	History of nursing and neurosurgical nurses in Serbia Zaklina Djuric
08.50-09.00	Improvement of intraoperative nursing care through technological progress in neurosurgery Vesna Svircevic
09.00-09.10	Importance, role, existence, and future prospects of nurses in neurosurgical teams Ljiljana Stijepovic
09.10-09.20	Commitment to pain management from a nurses' perspective Ivona Bakotin & Mateo Kosier
09.20-09.30	Health care of the polytraumatized patients Ljiljana Djukic
09.30-09.40	Management and communication within a multidisciplinary team Martina Martinovic & Ljiljana Zarak
09.40-09.50	Nursing care of patient with Parkinsons disease Branka Gabud, Dijana Relic & Bozena Filkovic Pirser
09.50-10.00	Care of neuro-oncology patients as a basis for improvement of care of all difficult and complex patients Ivan Popovic
10.00-10.10	Artificial intelligence and virtual reality Radisa Djuric
10.10-10.20	Scope of work of a nurse in the admission ambulance of the Clinic for Neurosurgery UCCS Marica Knezevic
10.20-10.30	Scope of work of the nurse in Day care hospital of the Clinic for Neurosurgery UCCS Snezana Gvozdencovic Lalic

- 10.30-10.40 **Stereotaxic radiotherapy of the CNS benign changes on the Linac**
Dragana Vukasinovic
- 10.40-10.50 **Activities of the nurse in the neurosurgical outpatient clinic**
Jasmina Mikasinovic
- 10.50-11.00 **Modern nursing interventions in the post-operative course of patients with cerebral aneurysms in the intensive care unit**
Katarina Vukosavljev
- 11.00-11.10 **The role and significance of the nurse in the care of neurooncology patients**
Milena Vulovic
- 11.10-11.20 **Advancement in neurosurgery: Loox technology and the role of nurses and technician in spinal fixation**
Ivan Nasic
- 11.20-11.30 **Discussion**
- 11.30-12.00 **Coffee break**

12.00-14.30 NURSING IN NEUROSURGERY – SPINE AND PERIPHERAL NERVES
Moderators: Svetlana Delic, Ljeposava Vukicevic, Vesna Svircevic

- 12.00-12.10 **Health care of patients with peripheral nerve injuries**
Kristina Stankovic & Svetlana Delic
- 12.10-12.20 **Standards and norms in the prevention of carpal tunnel syndrome**
Mirjana Dackovic
- 12.20-12.30 **Specifics of health care in a patient with a spinal tumor – Case presentation**
Marko Vukoja & Suzana Tole
- 12.30-12.40 **Spinal neurosurgery – Pre- and post- operative care at the SKB Mostar Clinic for neurosurgery**
Nada Petric & Petra Primorac
- 12.40-12.50 **The role of the scrub nurse in the operation of the lumbar segment of the spinal column**
Aleksandra Bojanic
- 12.50-13.00 **Health care of patients after vertebroplasty**
Silvija Zinic & Ankica Medjeral
- 13.00-13.10 **Nursing care of patients with injury and consequent cervical herniated disc**
Martina Kolacko & Ema Kovac

- 13.10-13.20 **Nursing interventions in patients with spinal stabilization**
Svetlana Matic
- 13.20-13.30 **Healthcare of patients after stabilization of the spine**
Tea Sebek
- 13.30 – 13.40 **Immediate pre- and post-operative care of patients operated on for disc herniation**
Natasa Zlatkovic
- 13.40-13.50 **Quality of life of patients after disc herniation surgery**
Marijana Lacman
- 13.50-14.00 **Crucial role of the surgical nurses in monitoring postoperative peripheral nerve status and symptoms for patient recovery and outcomes in compressive neuropathies**
Ivana Dragevska Gjorgjieva
- 14.00-14.10 **Avoiding peripheral nerve injury during venipuncture.**
Sofija Todorovska
- 14.10-14.20 **Guardians of Precision: The Pivotal Role of Scrub Nurses in Microsurgical Peripheral Nerve Reconstructions**
Anita Petrushevska
- 14.20-14.30 **Discussion**
- 14.30-15.00 **Lunch**
- 15.00-18.30 NURSING IN NEUROSURGERY – BRAIN, SKULL BASE & VASCULAR**
Moderators: Ljiljana Stijepovic, Sandra Milosevic, Dijana Stojcic
- 15.00-15.10 **Protocol for the operative technique of invasive intracranial pressure measurement**
Sandra Milosevic
- 15.10-15.20 **Brain gliomas - scope of work of the nurse**
Danijela Djosevska
- 15.20-15.30 **Vagus nerve stimulation (VHS)**
Jelena Savic, Tatjana Crnoglavac
- 15.30-15.40 **Chronic subdural hematoma as a challenge in the care of neurosurgical patients**
Natasa Gligorijevic-Stankovic
- 15.40-15.50 **Health care of patients after skull base surgery**
Aleksandra Damjanovic

- 15.50-16.00 **Endoscopy-Third ventriculocisternostomy preparation and instrumentation**
Ivana Strbac
- 16.00-16.10 **Epilepsy**
Lazar Nikolic
- 16.10-16.20 **Fatal aneurysm - family support**
Aleksandar Bezanic
- 16.20-16.30 **The nurse's scope of work in patients with an indication for a Baclofen pump**
Milesa Markovic, Stanisa Markovic
- 16.30-16.40 **Standardized health care procedures in children with intracranial hemorrhage**
Ema Jordanovic & Enisa Rizic
- 16.40-16.50 **Nursing care of patients with closed traumatic brain injury**
Monika Nenadic & Ivona Bakotin
- 16.50-17.00 **Health care of a patient with an unruptured cerebral aneurysm**
Kristina Dzidic & Ljeposava Vukicevic
- 17.00-17.10 **radiosurgery – Gamma knife**
Sladjana Sakan
- 17.10-17.20 **Scope of work of the nurse in the Gamma knife department**
Snezana Radivojevic
- 17.20-17.30 **Specificities of health care in patients operated due to intracranial bleeding**
Milica Terzic & Marija Bradic
- 17.30-17.40 **The role of the nurse after pituitary tumor surgery**
Mirjana Konjevic
- 17.40-17.50 **Care of neurosurgical patients with craniocerebral injuries in the intensive care unit**
Jovica Dunjic
- 17.50-18.10 **Discussion**
- 18.10-18.30 **Closing remarks**
- 20.00 Faculty transfer to the dinner venue**
- 20.30 SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**
Venue: Dorcoleta, Dobracina 76, Belgrade

HALL 5

08.30-11.30	MICRONEUROSURGERY WITH ROBOTICSCOPE. THE EVOLUTION OF MICROSURGICAL VISION
08.30-09.00	Medicine and neurosurgery improved by 5G technology Nada Petrovic
09.00-09.15	Microneurosurgery with roboticscope Zefferino Rossini
09.15-09.30	Role of RoboticScope in Neurosurgery Zefferino Rossini
09.30-10.30	Panel: Use of 5G technologies in modern neurosurgery & Controversies and dilemmas surrounding the impact of 5G technology on health - myth or reality? Natali Delic, Zefferino Rossini, Arya Nabavi, Nikolay Gabrovsky, Mirko Mindoljevic
10.30-11.30	Microneurosurgery with RoboticScope in practice Zefferino Rossini
10.30-10.40	Microsuture on tubes (Myro by UpSurgeOn)
10.40-10.50	Exploration of anterior and middle cranial fossa with the most common aneurysms of the Circle of willis
10.50-11.00	Posterior fossa exploration from Retrosigmoid approach
11.00-11.10	Demonstration on spine models
11.10.11.20	The video of the tasks recorded by the RSThe video on the head movement and the posture during all the tasks
11.20-11.30	Discussion
11.30-13.40	Coffee break
13.40-14.30	Lunch
14.30-16.30	SNSS&EANS YN EVENT Moderators: Marisa Gandia, Milan Lepic
14.30-14.45	Advanced technologies for preoperative planning in cranial surgery: young neurosurgeons experience? Giovanni Raffa

- 14.45-15.00 **Can AI pass the eANS Board exam? ethical and practical issues**
Stefan Motov
- 15.00-15.15 **Introduction to EANS guidelines: how we perceive the idea of rationalising health care delivery**
Stanislav Kaprovoy
- 15.15-15.30 **Imposter syndrome**
Milan Lepic
- 15.30-15.45 **Young neurosurgeons needs and training**
Marisa Gandía
- 15.45-16.00 **Perspectives and development of neurosurgical practice in Serbia as FEBNS**
Bojan Jelaca
- 16.00-16.15 **Improving quality of neurosurgical studies : Making you believe**
Stefan Mandic-Rajcevic
- 16.15-16.30 **Pathway of the young neurosurgeon in the field of vascular and skull base**
Adi Ahmetpahic
- 16.30-16.45 **Social media in Neurosurgery**
Nathan Shlobin
- 16.45-17.00 **Coffee break**
- 17.00-19.00 **Education in Neurosurgery across Europe: the AENEID project and beyond (Erasmus+ KA - Knowledge Alliances – proposal EAC/A02/2019 – application no. 621621-EPP-1-2020-1-IT-EPPKA2-KA)**
Moderator: Alessandro Perin, Lukas Rasulic
- 17.00-17.20 **Introduction and overview Neurosurgical Education in Serbia across 100 years**
Lukas Rasulic
- 17.20-17.40 **Issues in Neurosurgical training**
Francesco Di Meo
- 17.40-18.00 **EANS education in neurosurgery: recap and update**
Andreas Demetriades
- 18.00-18.20 **The AENEID Project**
Nicolò Castelli/Giovanni Carone/Alessandro Perin



- 18.20-18.30 **An ANEID's participant perspective**
Marko Todorovic
- 18.30-18.50 **A new outlook on neurosurgery training**
Vakis Papanastassiou
- 18.50-19.00 **Discussion and conclusion**
- 20.00** **Faculty transfer to the dinner venue**
- 20.30** **SNSS, CAANS, IANA, SBNS, SiNch & TNS dinner**
Venue: Dorcoleta, Dobracina 76, Belgrade

HALL 6

08.30-10.45	FREE TOPICS - PERIPHERAL NERVE SURGERY & FUNCTIONAL Moderators: Selcuk Peker, Andrija Savic
08.30-08.42	Prophylactic RPNs reduce postoperative pain in amputees with diabetic neuropathy Gordana Georgieva
08.42-08.48	Unveiling the Hidden Culprit: Post-Traumatic Neuromas as the Source of Chronic Chest Pain Sofija Tusheva
08.48-08.54	Prolonged lymphorrhoea as a rare complication of thoracic outlet syndrome surgery: a case report Vuk Aleksic
08.54-09.00	Isolated sciatic nerve endometriosis: A case report with literature overview Andrija Savic
09.00-09.06	Chitosan-Based Nerve Guide for the Protection of Peripheral Nerve Coaptation Sites Following Traumatic Hand Nerve Lesions: A Long-Term Follow-Up Study Maximilian Mayrhofer-Schmid
09.06-09.12	Endoscopic-assisted combined with open transgluteal approach for sciatic nerve decompression following hip trauma surgery: A Case Report Maria Elena Cordoba-Mosqueda
09.12-09.18	Surgery of Peripheral Nerve Sheath Tumors: The Challenges and Further Perspectives Sinisa Matic
09.18-09.24	Neuromas: Unraveling the Diagnostic Potential of Pain Blagoja Srbov
09.24-09.30	Prevention of peripheral nerve scarring using fibrin glue in the rat sciatic nerve model Maximilian Mayrhofer-Schmid
09.30-09.36	Brachial Plexus Lymphoma: A Case Report with Literature Overview Jovan Grujic
09.36-09.42	Surgical Outcome of 122 Isolated Median Nerve Injuries Aleksandra Stojiljkovic
09.42-09.54	Deep Brain Stimulation in Disorders of Consciousness: 10 years of a single center experience Darko Chudy

- 09.54-10.00 **Decreased brain volume may be associated with occurrence of peri-lead edema in Parkinson disease patients with Deep Brain Stimulation**
Marina Raguz
- 10.00-10.06 **Deep Brain stimulation and structural brain MRI changes in Parkinsons disease – preliminary study**
Petar Marcinkovic
- 10.06-10.12 **Permeability Glycoprotein (P-gp) And Multidrug Resistance Protein-1 (MRP-1) In Drug-Resistance In Mesial Temporal Lobe Epilepsy**
Tulika Gupta
- 10.12-10.18 **Trigeminal neuralgia, associated with mass lesions of cerebello-pontine angle.**
Georgy Grigoryan
- 10.18-10.24 **Neuromodulation experience in treatment of chronic pelvic pain syndrome**
Dmitry Lysachev
- 10.24-10.30 **Vascular decompression results in 110 patients with hemifacial spasm**
Georgy Grigoryan
- 10.30-10.36 **MRI morphometric and DTI parameters as potential predictive factors in evaluation of patients with disorders of consciousness prior to DBS**
Marina Raguz
- 10.36-10.42 **Neurophysiology of Psychosurgery: Peripheral Nerve and Deep Brain Stimulation**
Aleksa Micic
- 10.42-10.45 **Discussion**
- 10.45-11.30 **NOVEL THERAPEUTIC APPROACH IN TREATMENT OF ENTRAPMENT SYNDROMES AND NERVE INJURIES**
Moderators: Lukas Rasulic, Vladimir Krstic
- 10.45-11.00 **Different forms of neuropathies and nerve injuries - clinical approach**
Slobodan Apostolski
- 11.00-11.15 **Neuronal, Combinerv, Epineuron - support in the treatment of neuropathies of various causes**
Enes Metovic
- 11.15-11.30 **Clinical results in everyday practice**
Slobodan Apostolski
- 11.30-12.00 **Coffee break**

13.40-14.30	SERBIAN NEUROSURGICAL SOCIETY - EC MEETING
14.30-16.30	FREE TOPICS PEDIATRICS & CFD Moderators: Nasser El Ghandour, Mirko Micovic
14.30-14.42	LUMBAR PERITONEAL SHUNT IN PTS WITH VARIOUS NEUROLOGICAL PROBLEMS Michael Spyrou
14.42-14.48	Think twice about growth hormone therapy in a patient with headaches and short stature! Elizabeth Colvin
14.48-14.54	Multistage epilepsy surgery approach for drug-resistant tuberous sclerosis complex-associated epilepsy in children. Farkhad Berdinov
14.54-15.00	Peri-insular hemispherotomy – the selection method for hemispheric pathology. Experience of Morozov Children Clinical Hospital. Aleksandra Kuznetsova
15.00-15.06	Surgical treatment of structural epilepsy. Results of the Morozov Children’s Clinical Hospital. Aleksander Levov
15.06-15.12	Pediatric Craniopharyngioma Mimicking Giant Glioma: A Complex Diagnostic and Surgical Case Dragos-Nelu Font
15.12-15.18	Selective Dorsal Rhizotomy (SDR): A Comprehensive Review of the Literature, Clinical Outcomes and Surgical Techniques Bojana Zivkovic
15.18-15.24	Surgical treatment of hemorrhagic stroke in children due to rupture of an arteriovenous malformation at the Center for the Treatment of Cerebrovascular Pathology in Children Zokhidov Zokirzhon
15.24-15.30	Decompressive craniectomy in the treatment of non-traumatic intracranial hemorrhages in children Ilya Nosov
15.30-15.36	Diagnosis and surgical treatment of cerebrovascular pathology of the brain in infants, children and adolescents. Boris Oleynikov
15.36-15.42	Frameless stereotactic biopsy of diffuse brain tumors in children. Indications, contraindications, efficacy. Maria Kolcheva

- 15.42-15.48 **Managing Subdural Empyema and Brain Abscesses in the Age of Antimicrobial Resistance: A Retrospective Study of Pediatric Cases in Moscow**
Dimitri Ndandja
- 15.48-15.54 **Rare pediatric spine anomalies: A case of lumbosacral agenesis and multiple dysraphism**
James Lubuulwa
- 15.54-16.00 **Epidural spinal abscess inducing hydrocephalus: Unconventional presentation and complex surgical treatment - A Case-based literature review**
Jovan Ilic
- 16.00-16.06 **Papilloedema in three ventricle hydrocephalus**
Mihailo Radulovic
- 16.06-16.12 **Acute Complications of Pre-Resection CSF Diversion in Posterior Fossa Tumors with Hydrocephalus**
Kaleab Moges
- 16.12-16.30 **Discussion**
- 16.30-17.00 **Coffee break**
- 17.00-19.00 FREE TOPICS NEUROONCOLOGY & SKULL BASE**
Moderators: Bruno Splavski, Kostas Fountas
- 17.00-17.12 **Natural history of supratentorial low-grade astrocytoma**
Danilo Radulovic
- 17.12-17.18 **Intraoperative 5-ALA fluorescence guided resection of high grade gliomas in University clinic for Neurosurgery Skopje**
Blagoj Shuntov
- 17.18-17.24 **Surgical Technique and Complication Avoidance in Patients With Subependymal Giant Cell Astrocytoma-35 years of experience in Clinic for Neurosurgery Belgrade**
Rosanda Ilic
- 17.24-17.30 **Volume dynamics of subtotally resected benign brain tumors**
Peter Spangenberg
- 17.30-17.36 **Premature Mortality due to Central Nervous System malignant tumor in the Western Balkans Countries: Global Burden of Disease Data from 1990 to 2019**
Marina Milic
- 17.36-17.42 **Supratotal resection - An emerging concept of glioblastoma multiforme surgery - Systematic review and meta-analysis**
Peer Asad Aziz Qureshi

- 17.42-17.48 **Looking towards personalised glioblastoma treatment – will we get there?**
Alen Roncevic
- 17.48-17.54 **Personalized 3D printed cranioplasty**
Nenad Koruga
- 17.54-18.00 **Anterior Skull Base Defects: Our Experience in Endoscopic Surgery**
Elizaveta Shelesko
- 18.00-18.06 **Within the Depths of the Midbrain: Exploring the “No-man’s Land”- A Case Report**
Alexandra-Maria Călăuz
- 18.06-18.12 **Intraventricular tumors: New trends, future perspectives and surgical strategies**
Gladi Maurizio
- 18.12-18.18 **Epidural extended frontotemporal approach for giant olfactory meningiomas**
Peter Spangenberg
- 18.18-18.24 **Reliability of Neuronavigation in Localizing the Internal Auditory Canal During Middle Fossa Approach**
Alperen Kaya
- 18.24-18.30 **Two-staged surgery with cavitation principle for huge benign brain tumors**
Peter Spangenberg
- 18.30-18.36 **Surgical Results of Endoscopic Endonasal Transsphenoidal Surgery for Pituitary Adenoma with Special Focus on Complication Rate**
Sohail Amir
- 18.36-18.42 **The case report of an adenocarcinoma brain metastases in hippocampal area**
Marina Jakimoska Dimkovska
- 18.42-18.48 **Molecular features in sporadic and NF2-inactivated meningioma**
Elisabeth Makashova
- 18.48-19.00 **Discussion**

November 3rd, 2023

Venue: Crowne Plaza, Belgrade

Hosts: University Clinical Center of Kragujevac &
Department of Neurosurgery, Clinical Hospital Center Zemun, Belgrade

Joint venture with **SeENS & HNS**

HALL 1

09.00-11.30	TRENDS & NEW HORIZONS (12' presentation + 3' discussion) Moderators: Alexandru Vlad Ciurea, Aleksandar Caparoski
09.00-09.15	From axis to neuronavigation - pointing to intracerebral lesions Alexandru-Vlad Ciurea
09.15-09.30	Training neurosurgeons: the C. Besta experience Alessandro Perin
09.30-09.45	Vagal nerve Stimulation, state of art Herbert Rooijackers
09.45-10.00	Robot-assisted rehabilitation of neurosurgical patients Tatjana Bucma
10.00-10.15	Vertebroplasty and/or kyphoplasty? Yavor Enchev
10.15-10.30	Role of risk factors on the re-bleeding rate in patients with aneurysmal SAH. Retrospective review of our institutional data registry Venko Filipce
10.30-10.45	Surgical treatment of pilocytic astrocytomas in pediatric population Aleksandar Caparoski
10.45-11.00	Neurosurgery and artificial intelligence Dubravko Culibrk
11.00-11.15	Radiosurgery for large brain metastases Sergej Marasanov
11.15-11.30	Discussion
11.30-12.00	Coffee break



- 12.00-13.40 **PLENARY SESSION**
Moderators: Lukas Rasulic, Tomislav Sajko
- 12.00-12.20 **Computational modeling and artificial intelligence in neural tissue engineering**
Nenad Filipovic
- 12.20-12.40 **Intraventricular tumors**
Tomislav Sajko
- 12.40-13.00 **Clipping aneurysms-lessons i have learned after 1000 operated aneurysms**
Ioan Stefan Florian
- 13.00-13.20 **Lobectomy in the management of GBM**
Kostas Fountas
- 13.20-13.40 **Extracranial Metastases of Atypical Meningioma**
Miodrag Peulic
- 13.40-14.30 **Lunch**

- 14.30-16.30 **GENERAL**
(12' presentation + 3' discussion)
Moderators: Nicos Foroglou, Roman Bosnjak

- 14.30-14.45 **Meningiomas: the not so simple facts**
Vakis Papanastassiou
- 14.45-15.00 **Endoscopic approaches for giant pituitary adenomas**
Savas Ceylan
- 15.00-15.15 **Transnasaltranssphenoidal Approach to Pituitary adenomas and Sellar Region. Endoscopic Surgical Anatomy – How far can we go**
Robert Shumkovski
- 15.15-15.30 **The importance of regional departments in the care of neurosurgical patients**
Momir Jovanovic
- 15.30-15.45 **The influence of intraoperative rupture of cerebral aneurysms on the outcome of microsurgical intervention**
Novak Lakicevic
- 15.45-16.00 **Brain tumor surgery in the 21st century without advanced technology**
Vojin Kovacevic

- 16.00-16.15 **Functional recovery after surgical treatment of the radial nerve injury**
Slavko Djuraskovic
- 16.15-16.30 **Discussion**
- 16.30-16.45 **Coffee break**
- 16.45-18.45 YOUNG NEUROSURGEONS AND STUDENTS FORUM**
Moderators: Petar Vulekovic, Ibrahim Omerhodzic, Tomislav Sajko
- 16.45-16.53 **The effect of ACTH4-10PRO8-GLY9-PRO10 on malondialdehyde and F2-ISOPROSTANE 15(S)-8-ISO-PGF2A expression in spinal cord injury rat**
Rifqi Aulia Destiansyah
- 16.53-17.01 **Honorary President of WFNS Alexander Arutyunov (1904-1975) and his impact on the development of Soviet neurosurgery**
Dmitry Eliferov
- 17.01-17.09 **Rare like an Englishman in New York - Case Report of a Fourth Ventricle Meningioma in a 44-year-old patient**
Andrei-Gavril Ardelean
- 17.09-17.17 **Transient expressive aphasia following cerebral angiography and coil embolization for unruptured aneurysm of basilar artery - Case report**
Hristina Jovic
- 17.17-17.25 **Analysis of factors influencing the development of chronic subdural hematomas - back to the beginning to understand the end**
Filip Pajicic
- 17.25-17.33 **Starting Neurosurgical Services in the Rural Area (Indonesia - Maluku - Ambon) – First year experience after finishing residency**
Ivanmorl Ruspanah
- 17.33-17.41 **Nerve regeneration from an in silico perspective – current and future approaches**
Milica Nikolic
- 17.41-17.49 **Early Patient Care Following Peripheral Nerve Surgery: A Basic Knowledge for Nurses and General Practitioners**
Aleksa Micic
- 17.49-17.57 **The Influence of Morphology of Brain Arteriovenous Malformation-Associated Aneurysms on Rupture Risk**
Nebojsa Lasica

- 17.57-18.05 **Dandy-Walker Malformation and cervical Syringohydromyelia: microsurgery as a cure**
Marko Todorovic
- 18.05-18.13 **Transnasal Transsphenoidal Extradural Chiasmopexy Using Attainable Autologous Material in Secondary Empty Sella Syndrome - Case report**
Dusan Rodic
- 18.13-18.21 **Framework proposal for training set of low-shot medical image data in cerebrovascular disease**
Boris Vucinic
- 18.21-18.29 **Core Growth Analysis on Follow-up CT Perfusion in Acute Ischemic Stroke**
Uros Mircic
- 18.29-18.37 **New-onset cavernoma-related epilepsy in childhood: conservative or surgical treatment?**
Laurel Rauschenbach
- 18.37-18.45 **Glycated hemoglobin in patients with intracranial meningiomas**
Darko Oreskovic
- 18.45-19.00 CLOSING & AWARD CEREMONY**
- 19.30 SNSS & SEENS FAREWELL COCKTAIL**
Venue: Hotel Crowne Plaza Exhibition Hall

HALL 2

09.00-11.30	SPINE (12' presentation + 3' discussion) Moderators: Miroslav Vukic, Michael Spyrou
09.00-09.15	Developing a novel, population-specific prognosis prediction system in the case of surgically treated spine metastatic patients Peter Banczerowski
09.15-09.30	Minimally Invasive Neurosurgery: State of the art Guenther Feigl
09.30-09.45	Proper planning prevents poor results in spinal surgery Daniel Staribacher
09.45-10.00	The level of the cervical prosthesis in the Hybrid Surgery and its effect on the cervical range of motion Matjaz Vorsic
10.00-10.15	Spinal injury. Modern aspect. Cyprus experience. Michalakis Spyrou
10.15-10.30	Prevention of Epidural Fibrosis After Lumbar Disc Surgery-technical note Rasim Skomorac
10.30-10.45	Spontaneous regression of cervical disc herniation Danilo Radulovic
10.45-11.00	Low grade lumbar spondylolisthesis – is fusion after decompression necessary? Djula Djilvesi
11.00-11.15	Recurrent compressive radicular syndrome after lumbar surgery disc herniation Radivoje Nikolic
11.15-11.30	Omentomyelopexy in injured spinal cord Ljubodrag Minic
11.30-12.00	Coffee break
13.40-14.30	Lunch

- 14.30-16.30 **NEUROANESTHESIOLOGY**
(12' presentation + 3' discussion)
Moderators: Tijana Nastasovic, Igor Lazic
- 14.30-14.45 **Perioperative anesthetic management of patients with tumors of the sellar and parasellar region**
Igor Lazic
- 14.45-15.00 **Can we plan anticoagulated patients for neurosurgical emergencies?**
Aleksandra Gavrilovska Brzanov
- 15.00-15.15 **Transplantation and neurosurgery**
Sasa Knezevic
- 15.15-15.30 **Pregnancy and neuroanesthesia**
Suzana Bojic
- 15.30-15.45 **Aneurysmal subarachnoid hemorrhage- anesthesiological aspects of treatment**
Tijana Nastasovic
- 15.45-16.00 **Priority and Management of neurotrauma in the Military hospital general ICU**
Marko Jovovic
- 16.00-16.30 **Discussion**
- 16.30-16.45 **Coffee break**

16.45-18.30 **FREE TOPICS**
SPINE
Moderators: Danilo Radulovic, Guenther Feigl

- 16.45-16.57 **Modern surgical approaches in cervical spondylogenic myelopathy**
Artem Gushcha
- 16.57-17.03 **Anatomy and variations of artery of Adamkiewicz**
Viktor Stoev
- 17.03-17.09 **Follow up Study of Patients Operated by Minimally Invasive Extraforaminal Lumbar Interbody Fusion**
Sasa Randjelovic
- 17.09-17.15 **Intradural Cauda Equina Metastases: Case report**
Marko Samardzic

- 17.15-17.21 **Transforaminal Fusion Using Physiologically Integrated Titanium Cages with a Novel Design in Patients with Degenerative Spinal Disorders: A Pilot Study**
Renat Nurmukhametov
- 17.21-17.27 **Sexual dysfunction disorders in young age male patients after severe spine injuries.**
Nikolaos Syrmos
- 17.27-17.33 **Osteoid osteoma of a cervical vertebral body**
Irena Cvrkota
- 17.33-17.39 **Prevalance of Lumbosacral transitional vertebra (LSTV) in lumbar spine surgery; A single-center 5 years experience**
Igor Popovic
- 17.39-17.45 **Sleep disorders in middle age male patients after severe cervical spine injuries.**
Nikolaos Syrmos
- 17.45-17.51 **Comparisson of neurological and functional improvment after simple decompression versus spinal fusion with internal fixation in treatment of two segments lumbar stenosis**
Nemanja Jovanovic
- 17.51-17.57 **The endplate role in degenerative disc disease research: the isolation of human chondrocytes from vertebral endplate**
Lidija Gradisnik
- 17.57-18.03 **Cases of cervical spine concussions during sports activities**
Nikolaos Syrmos
- 18.03-18.09 **Implementation of artificial intelligence algorithms in biomedical signals processing as support for decision-making in spinal diseases diagnosis**
Tijana Geroski
- 18.45-19.00 CLOSING & AWARD CEREMONY**
- 19.30 SNSS & SEENS FAREWELL COCKTAIL**
Venue: Hotel Crowne Plaza Exhibition Hall

HALL 3

09.00-11.45	ENDOVASCULAR (12' presentation + 3' discussion) Moderators: Ivan Vukasinovic, Eduardo Boccardi
09.00-09.15	Intervantional neuroradiology in UCC Serbia - Tribute to Branko Prstojevic Ivan Vukasinovic
09.15-09.30	Thrombectomy 6 to 24 Hours after Stroke with a Mismatch between Deficit and Infarct Christophe Cognard
09.30-09.45	Next frontiers in endovascular stroke treatment Marios Psychogios
09.45-10.00	Endovascular treatment of brain AVMs Vitor Mendes Pereira
10.00-10.15	Haemodynamic solutions for aneurysm treatment Naci Kocer
10.15-10.30	Endovascular treatment of intracranial aneurysms with robotic assistance Kamil Zelenak
10.30-10.45	The revolution of flow diverters in aneurysm treatment Eduardo Boccardi
10.45-11.00	Endovascular treatment of dAVFs - Clinical Center Sarajevo experience Deniz Bulja
11.00-11.15	Spinal dural AV fistulas - diagnosis and treatment David Ozretic
11.15-11.30	Endovascular treatment of distal aneurysms with low-profile flow diverter; mid and long term follow-up Vladimir Gavrilovic
11.30-11.45	Endovascular treatment of ischemic stroke Aleksandra Aracki Trenkic
11.45-12.00	Coffee break
13.40-14.30	Lunch

- 14.30-16.30 **VASCULAR**
(12' presentation + 3' discussion)
Moderators: Senta Frol, Vladimir Bascarevic
- 14.30-14.45 **Cerebral cavernomas: Treatments and problems**
Marco Fontanella
- 14.45-15.00 **Venous Sinus Thrombosis – Women's Disease?**
Senta Frol
- 15.00-15.15 **Predictive Outcome Factors (Open MicroSurgery) in Intracranial Aneurysms - An experience of 1092 cases**
Alexandru Vlad Ciurea & Horia Ples
- 15.15-15.30 **Surgical management of spontaneous intercerebral haemorrhage: why and when?**
Vladimir Bascarevic
- 15.30-15.45 **Functional neuroanatomy through the lens of the endovascular surgeon**
Igor Maldonado
- 15.45-16.00 **The cranial and spinal Dural AVFs and the Tower of Babel**
Gerasimos Baltasvias
- 16.00-16.15 **The impact of aneurysm morphology on its rupture - advanced assessment**
Filip Vitosevic
- 16.15-16.30 **Discussion**
- 16.30-16.45 **Coffee break**
- 16.45-18.30 **VASCULAR**
(12' presentation + 3' discussion)
Moderators: Matjaz Vorsic, Dragan Savic
- 16.45-17.00 **Anterior brain circulation aneurysm surgery**
Goran Tasic
- 17.00-17.15 **Comparative Analysis of Postoperative Outcomes and Resection/ Occlusion Grade for Cerebral Arteriovenous Malformations: Microsurgery vs. Gamma Knife**
Dragan Savic
- 17.15-17.30 **Hypopituitarism after spontaneous subarachnoid hemorrhage of aneurysmal origin**
Vladimir Jovanovic

- 17.30-17.45 **Cerebral venous congestion exacerbates cerebral microhemorrhages in mice**
Peter Toth
- 17.45-18.00 **Vascular complications of ventriculoperitoneal shunt**
Miljan Mihajlovic
- 18.00-18.15 **Detection of microembolic signals and cerebral vasoreactivity in neurosurgery**
Toplica Lepic
- 18.15-18.30 **Discussion**
- 18.45-19.00 **CLOSING & AWARD CEREMONY**
- 19.30 **SNSS & SEENS FAREWELL COCKTAIL**
Venue: Hotel Crowne Plaza Exhibition Hall

HALL 4

09.00-11.30	FREE TOPICS NEUROTRAUMA&INTENSIVE CARE, COMPLICATIONS & MISCELLANEOUS Moderators: Petar Vulekovic, Miljan Mihajlovic
09.00-09.12	Traumatic delayed epidural hematoma Danilo Radulovic
09.12-09.18	Delayed epidural hematoma after mild head injury Irena Cvrkota
09.18-09.24	Strength and Elegance: Leading the Way, Women Surgeons Redefining Paths and Pushing Limits Sofija Pejnova
09.24-09.30	Are the Brain Injury Guidelines sufficient for guiding TBI management? A systematic review and meta-analysis Siddarth Kannan
09.30-09.36	Delayed epidural hematoma of posterior cranial fossa: a case report Vuk Aleksic
09.36-09.42	Evacuation plus adjuvant craniostomy vs evacuation alone for acuted sub dural haematoma in moderate to severe traumatic brain injury patients Surath Sanjaya Kumara Munasinghe Arachchige
09.42-09.48	Three-month outcome of patients operated for chronic subdural hematoma at Four hospitals, Addis Ababa, Ethiopia, 2021GC Mikael Shimekit
09.48-09.54	Incidence, Pattern, and Outcome of Stray Bullet Injuries: Three Years' Experience in a Teaching Institute Sohail Amir
09.54-10.00	Use of antiepileptic drugs as prophylaxis against posttraumatic seizures in the pediatric population: a systematic review and meta-analysis Omar Jbarah
10.00-10.06	100 cases of craniostomy performed at a peripheral tertiary care centre under limited resources Surath Sanjaya Kumara Munasinghe Arachchige
10.06-10.12	The frequency of bilateral chronic subdural hematomas in patients on anticoagulant or antiplatelet therapy Viktor Stoev

- 10.12-10.18 **337 Comparison of Outcomes, Signs, and Symptoms of Traumatic Posterior Fossa Epidural Hematoma (PFEDH) Patients Who Managed Surgically Versus Conservatively: A Systematic Review and Meta-Analysis**
Omar Jbarah
- 10.18-10.24 **The Role of Cisternostomy in the Management of Severe Traumatic Brain Injury**
Manuel De Jesus Encarnacion Ramirez
- 10.24-10.30 **Usage of Gentamicin and Vancomycin versus Normal Saline lavage intraoperatively to treat infected depressed skull fractures in traumatic brain injury patients**
Fatima Tahreem
- 10.30-10.36 **Subarachnoid Hematoma of the Craniocervical Junction After Traumatic Cerebral Contusion treated with a spinal tap: Case Report**
Elmedina Asani
- 10.36-10.42 **Evaluation of CRASH-TBI Score for predicting outcomes of Decompressive Hemi-Craniectomy versus Standard Conservative Treatment in patients with traumatic brain injury.**
Fatima Tahreem
- 10.42-10.48 **Spontaneous Chronic Subdural Haematoma in HIV-seropositive patients**
Kuzolunga Xulu
- 10.48-10.54 **Risk of meningitis after posterior fossa decompression with duraplasty using different graft types in patients with Chiari malformation type I and syringomyelia: a systematic review and meta-analysis**
Omar Jbarah
- 10.54-11.00 **Brain infarctions after cranial meningioma surgery: A Case report**
Aleksandar Markovic
- 11.00-11.06 **“Ubi pus, ibi evacua”. Transnasal endoscopic drainage of bilateral frontal brain abscess that originated as a complication of SARS-CoV-2 pneumonia therapy.**
Vuk Aleksic
- 11.06-11.12 **Intraoperative Complications in Cerebral Endovascular Aneurysmal Surgery: A Retrospective Single-Center Study (2019-2023)**
Andrej Terzic
- 11.12-11.18 **Epidemiological characteristics of peripheral nerve sheath tumors and the association with neurofibromatosis**
Mihajlo Curcic
- 11.18-11.24 **Peripheral nerve regeneration - How far have we gotten?**
Jovan Varda

11.24-11.30 **A case series of 109 surgically treated intracranial meningiomas:
A retrospective study with literature review**
Reza Mashaghi Tabari

11.30-12.00 Coffee break

13.40-14.30 **SOUTHEAST EUROPE NEUROSURGICAL SOCIETY - EC MEETING**

14.30-16.30 **STUDENTS HANDS-ON SUTURING COURSE**
Moderators: Aleksandar Simic, Mirko Micovic, Andrija Savic
Facilitators: Jovan Grujic, Aleksa Micic, Aleksandar Djuric

16.30-16.45 Coffee break

18.45-19.00 **CLOSING & AWARD CEREMONY**

19.30 **SNSS & SEENS FAREWELL COCKTAIL**
Venue: Hotel Crowne Plaza Exhibition Hall

GET TOGETHER

WELCOME RECEPTION FOR FACULTY AND GUESTS

October 29th, 2023

20:00h

Crowne Plaza Hotel

Lounge Club

Dress code: Smart casual

SNSS, EANS & WANS DINNER

October 30th, 2023

20:30h

Red Queen, Restaurant

Belgrade Waterfront, BW Residences, AF1, Belgrade

19:45h Faculty transfer from the Crowne Plaza Hotel to the dinner venue

Dress code: Dark suit, formal

OPENING CEREMONY

October 31st, 2023

09:00h

Crowne Plaza Hotel, Belgrade

Dress code: Black tie

CEREMONIAL ACADEMY

October 31st, 2023

20:00-21:00h

CEREMONIAL DINNER

21:00h

National Theatre, Republic Square, Belgrade

19:15h Faculty transfer from the Crowne Plaza hotel to the National Theater

19:30-20:00 Gathering

Dress code: Bow tie and tuxedo

NETWORKING DINNER

November 1st, 2023

21:00h

Lafayette Club,

Karadjordjeva 2-4, Belgrade

20:00h Faculty transfer from the Crowne Plaza Hotel to the dinner venue

Dress code: Smart casual

SNSS, CAANS, IANA, SBNS, SiNch & TNS DINNER

November 2nd, 2023

20:30h

Dorcoleta

Dobracina 76, Belgrade

20:00h Faculty transfer from the Crowne Plaza Hotel to the dinner venue

Dress code: Dark suit, formal

SNSS & SEENS FAREWELL COCKTAIL

November 3rd, 2023

19:30h

Crowne Plaza Hotel Exhibition Hall

Dress code: Smart casual



Република Србија
Под покровитељством
Председника Републике
ЊЕ Александра Вучића

Уз подршку



Република Србија
Министарство Здравља



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31. ОКТОБАР 2023.

УДРУЖЕЊЕ НЕУРОХИРУРГА СРБИЈЕ И ПРИЈАТЕЉИ
НЕУРОХИРУРШКА КЛИНИКА, УНИВЕРЗИТЕТСКИ КЛИНИЧКИ ЦЕНТАР СРБИЈЕ, БЕОГРАД

30. ОКТОБАР - 3. НОВЕМБАР 2023. године



**9. ГОДИШЊИ САСТАНАК УНХС
10. КОНГРЕС УНХС
са међународним учешћем**



Гостујућа удружења
и асоцијације



EANS - European Association
of Neurological Surgeons



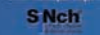
WANS - World Academy of
Neurosurgical Surgery



CAANS - Central Association of
Asian Neurosurgical Societies



SChS - The Society of
Chinese Neurological Surgeons



SChS - Indian Society
of Neurosurgery



TSN - Turkish Neurological Society



MANS - Maldivian Neurological Society



HNS - Hellenic Academy
of Neurological Anatomy



SChS - South African Society
of Neurosurgery

СУБОТИЦА

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31. октобар 1923 - 31. октобар 2023.

**100 ГОДИНА
НЕУРОХИРУРГИЈЕ У СРБИЈИ**
УСРЕДСРЕЂЕНОСТ. ПОСВЕЋЕНОСТ. УСАВРШАВАЊЕ.

СВЕЧАНА АКАДЕМИЈА

31. октобар 2023. године, Београд, Србија

31.10.1938-31.10.2023.

85 ГОДИНА ОД ОСНИВАЊА НЕУРОХИРУРШКЕ КЛИНИКЕ,
УНИВЕРЗИТЕТСКИ КЛИНИЧКИ ЦЕНТАР СРБИЈЕ, БЕОГРАД

1956-2023. - 67 ГОДИНА ОД ОСНИВАЊА

КЛИНИКЕ ЗА НЕУРОХИРУРГИЈУ, ВОЈНОМЕДИЦИНСКА АКАДЕМИЈА, БЕОГРАД

1958-2023. - 65 ГОДИНА ОД ОСНИВАЊА

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КЛИНИКЕ ЗА НЕУРОХИРУРГИЈУ, КЛИНИЧКИ ЦЕНТАР ВОЈВОДИНЕ, НОВИ САД

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ЦЕНТРА ЗА НЕУРОХИРУРГИЈУ, КЛИНИЧКИ ЦЕНТАР КРАГУЈЕВАЦ