

SAVE THE DATE

8TH ANNUAL MEETING

of Serbian Neurosurgical
Society

with international
participation



PRELIMINARY
PROGRAM

99th Anniversary
of Neurosurgery
in Serbia

84th Anniversary
of Clinic for Neurosurgery,
Clinical center of Serbia

CURRENT CONCEPT IN MILITARY NEUROSURGERY THE STATE IN THE FIELD

December 07th - 10th, 2022

Venue: Military Medical Academy
Crnotravska 17

BELGRADE, SERBIA

<https://snssmilitaryneuro.talkb2b.net/>



Joint meeting with
**Southeast Europe
Neurosurgical
Society - SeENS**



**8TH ANNUAL MEETING
OF THE SERBIAN NEUROSURGICAL SOCIETY (SNSS)**
with international participation

Current concept in Military Neurosurgery – The State in the Field

December 7th -10th, 2022

PRELIMINARY PROGRAM

December 6th 2022
Crowne Plaza

19:30-23:00 **Welcome reception**

PRE-MEETING COURSES

December 7th 2022
Military Medical Academy

Registration

- 09:00-16:00 Amphitheater
Theoretical and Practical Course on MIS
- 09:00-16:00 Hall 1 (NNV)
**Theoretical and Practical Course:
Cranial reconstruction/Spine Instrumentation**
- 09:00-16:00 Hall 2 (Stomatology Amphitheater)
Basic Course on Scientific Writing in Neurosurgery
- 09:00-16:00 Hall 3 (Radiology Classroom)
Stereotactic radiosurgery

Military Medical Academy
Serbian Armed Forces General Headquarters – Velika Ratna Sala
19:30-23:00 OPENING CEREMONY AND WELCOME COCKTAIL



MAIN PROGRAMME

December 8th 2022 Military Medical Academy

Registration

Amphitheater

07:50-08:00

OPENING REMARKS

Lukas Rasulic, Goran Pavlicevic, Kresimir Rotim

08:00-09:45

MILITARY NEUROSURGERY 1 – HEAD & BRAIN TRAUMA

(10' presentation + 5' discussion)

Moderators: Petar Vulekovic, Ioan Stefan Florian

08:00-08:15

Principles of military head & brain trauma management

Branislav Antic

08:15-08:30

Posttraumatic refractory intracranial hypertension - new approaches to old mystery

Ibrahim Omerhodzic

08:30-08:45

Most important outcome predictors of war missile penetrating brain injury: an experience from the military conflict

Bruno Splavski

08:45-09:00

Severity of brain injury - influence on treatment outcome in trauma patients

Vesna Nikolov

09:00-09:15

ICP monitoring in severe traumatic brain injury

Djula Djilvesi

09:15-09:30

Causes, treatment and outcomes in delayed deterioration after severe traumatic brain injury

Aleksandar Caparoski

09:30-09:45

Traumatic dissections and ultrasonographic evaluation

Toplica Lepic

09:45-10:00

Coffee break



Amphitheater

10:00-12:30 GENERAL SCIENTIFIC SESSION 1 – Expert forum

(15' presentation + 5' discussion)

Moderators: Lukas Rasulic, Kresimir Rotim

- 10:00-10:20 **Wartime Prehospital care of the patients with GSW**
Harjinder Bhatoe
- 10:20-10:40 **Long-term outcomes of combat casualties sustaining penetrating traumatic brain injury**
Christopher Neal
- 10:40-11:00 **Factors affecting outcome after combat-related cranial defect reconstruction**
Goran Pavlicevic
- 11:00-11:20 **Concomitant Cranial and Spinal Trauma - Patterns and Outcomes**
Andreas Demetriades
- 11:20-11:40 **Cranial and spinal injuries due to handmade explosives - Experience from the battlefield**
Yusuf Izci
- 11:40-12:00 **The diagnosis and management of mild TBI as relevant to defense medicine**
Tony Belli
- 12:00-12:30 **Brain abscess after missile injury**
Madjid Samii
- 12:30-13:30 **Lunch**



Amphitheater

13:30-15:45

MILITARY NEUROSURGERY 2 - GENERAL

(10' presentation + 5' discussion)

Moderators: Ioan Stefan Florian, Harjinder Bhatoe

13:30-13:45

Treatment of phantom limb pain

Selcuk Peker

13:45-14:00

Risk factors for postoperative infection after combat related head injuries

Goran Pavlicevic

14:00-14:15

Neurosurgery in the Besieged City

Kresimir Rotim

14:15-14:30

Chronic Subdural Haematoma - The Best Strategy for Treatment in the field

Petar Vulekovic

14:30-14:45

Ukrainian experience – the state in the field

Oleksandr Voznyak

14:45-15:00

Craniopharyngeoma: there is no single approach

Luis Borba

15:00-15:15

Supramarginal resection of GBMs

Kostas Fountas

15:15-15:30

Personal experience from war time

Rasim Skomorac

15:30-15:45

Recognizing, Scoring, and Predicting Blast Injuries

Olivera Jovanikic

15:45-16:00

Coffee break



Amphitheater

16:00-19:00 GENERAL SCIENTIFIC SESSION 2 - PERIPHERAL NERVE

(15' presentation + 5' discussion)

Moderators: Shimon Rochkind, Fernando Guedes

16:00-16:20 **Tribute to Prof. Zoran Roganovic:
Peripheral nerve injuries**
Ana Roganovic

16:20-16:40 **Management of brachial plexus missile injuries**
Miroslav Samardzic & Lukas Rasulic

16:40-17:00 **Peripheral nerve trauma: types, consequences and
possibilities of treatment**
Fernando Guedes

17:00-17:20 **Clinical Aspects of Ballistic Peripheral Nerve Injury:
Shrapnel versus Gunshot**
Shimon Rochkind

17:20-17:40 **Translational research in peripheral nerve injury**
Tom Quick

17:40-18:00 **Microsurgical Treatment of Missile Peripheral Nerve Injuries**
Kenan Arnautovic

18:00-18:20 **Timing and strategy in acute peripheral nerve injury**
Christian Heinen

18:20-18:40 **Nerve surgery for paralysis & pain**
Thomas Kretschmer

18:40-19:00 **Peripheral nerve gunshot injuries**
Jorge Clifton

20:00-23:00 FACULTY DINNER - *Dom Garde*



Hall 1

13:30-16:00 RECONSTRUCTIVE SURGERY & FUNCTIONAL RESTORATION

(10' presentation + 5' discussion)

Moderators: Boban Djordjevic, Milan Jovanovic

- 13:30-13:45 **Dynamic reconstruction of facial nerve paralysis**
Boban Djordjevic
- 13:45-14:00 **Treatment of patients with facial palsy**
Milan Jovanovic
- 14:00-14:15 **Assessment of reinnervated muscle**
Tom Quick
- 14:15-14:30 **Treatment of mutilating hand and forearm injuries**
Nenad Stepic
- 14:30-14:45 **Bionic reconstruction**
Oskar Aszmann
- 14:45-15:00 **Complex injuries of lower leg and foot**
Marijan Novakovic
- 15:00-15:15 **Reconstruction of the orbit and eyelids in explosive injuries**
Boban Djordjevic
- 15:15-15:30 **Cognitive nerve transfers for spasticity treatment in upper motor neuron syndrome**
Olga Politikou
- 15:30-15:45 **Restoring function for battlefield nerve injuries: US Military perspective**
Jason Souza
- 15:45-16:00 **Pain syndromes after missile-caused peripheral nerve lesions**
Gordana Mandic-Gajic



Hall 1

16:00-18:40

RAPID-CROSSFIRE SESSION – CASE PRESENTATION AND DISCUSSION

(5' presentation + 5' discussion)

Moderators: Tomislav Sajko, Ibrahim Omerhodzic

16:00-16:10

Heterogeneity of spinal extramedullary tumors, treatment modalities and outcomes

Vojin Kovacevic

16:10-16:20

Decompressive craniectomy and contemporary cranioplasty options in patients with gunshot wounds to the head

Nenad Novakovic

16:20-16:30

Gunshot head injuries-our experience in treatment

Momir Jovanovic

16:30-16:40

Difference between complete and incomplete spinal cord injuries and treatment

Vojislav Bogosavljević

16:40-16:50

Use of preoperative fused deposition modeling in neurosurgical treatment of intracranial tumors

Jagoš Golubović

16:50-17:00

Surgical treatment of cervical myelopathy

Drazen Ivetic

17:00-17:10

Are the tendon transfers the only one option in proximal median nerve injuries with very long nerve defect?

Andrija Savic

17:10-17:20

Functional recovery after surgical repair of radial nerve injuries associated with humeral shaft fracture

Slavko Djuraskovic

17:20-17:30

Cervical epidural hematoma

Luka Berilazic

17:30-17:40

Number of microcapillaries, sinusoids correlated with the increase in chronic subdural hematoma

Boban Jelenkovic



- 17:40-17:50 **Civilian penetrating traumatic brain injuries inflicted by low-muzzle velocity weapons**
Marko Samardzic
- 17:50-18:00 **ITB & Covid infection – our experience**
Igor Nikolic
- 18:00-18:10 **Practice trends in the utilization of intraoperative neurophysiological monitoring in neurosurgery**
Vladimir Galic
- 18:10-18:20 **Dural metastasis of prostate carcinoma misdiagnosed as a bilateral subdural hematoma**
Vuk Aleksic
- 18:20-18:30 **Carpal tunnel syndrome vs cervical radiculopathy - shared territory**
Miljan Bulatovic
- 18:30-18:40 **Complications of ventriculoperitoneal shunt**
Miljan Mihajlovic

08.00-19.00 **E-POSTER PRESENTATION**
Area for Poster presentation

20:00-23:00 FACULTY DINNER - *Dom Garde*



December 9th 2022 Military Medical Academy

- 08:00-18:00 **Registration**
Amphitheater
- 08:15-10:00 MILITARY NEUROSURGERY 3 - CRANIOFACIAL SURGERY**
(10' presentation + 5' discussion)
Moderators: Nebojsa Stojanovic, Marijan Novakovic
- 08:15-08:30 **Concomitant maxillofacial and cranial trauma**
Sasa Jovic
- 08:30-08:45 **Craniosinostoses management - then and now**
Srboljub Stosic
- 08:45-09:00 **Quality of life following maxillofacial trauma in the elderly**
Zoran Jezdic
- 09:00-09:15 **Surgical treatment of head and neck region
soft tissues trauma**
Aleksandar Kiralj
- 09:15-09:30 **Surgical treatment of facial bones and jaws trauma**
Denis Brajkovic
- 09:30-09:45 **Cranial Missile Injuries**
Tariq Khan
- 09:45-10:00 **Craniofacial approaches in skull base surgery**
Zivorad Nikolic
- 10:00-10:20 **Coffee break**



Amphitheater

10:20-12:20

**GENERAL SCIENTIFIC 3 - GLOBAL NEUROSURGERY:
MASS CASUALTIES & CIMIC**

(15' presentation + 5' discussion)

Moderators: Andreas Demetriades, Luis Borba

10:20-10:40

**Integrating Civilian and Military Resources to Improve Global
Healthcare: Mass Casualty Center Project**

Russel Andrews

10:40-11:00

Global Neurosurgery projects after war - myth or reality

Lukas Rasulic

11:00-11:20

Civilian and military head gunshot injuries: Prague experience

Martin Majovsky

11:20-11:40

**Advantages of military hospitals neurosurgery supports in
Budapest and Dakha**

Andras Csokay

11:40-12:00

**The performance of a Neurovascular Center in the
Neurovascular Department of a Military Hospital:
high level of subspecialization and social offer**

Aristotelis Mitsos

12:00-12:20

Elective neuroendoscopy in field hospital

Roman Bosnjak

12:20-13:20

Lunch



Amphitheater

13:20-15:05 TECHNOLOGY & INNOVATIONS

(10' presentation + 5' discussion)

Moderators: Ihsan Solaroglu, Tony Belli

- 13:20-13:35 **Special guest lecture: AI use in neurospine imaging and disease progression prediction**
Nenad Filipovic
- 13:35-13:50 **Auditory Restoration in Neural Deafness**
Amir Samii
- 13:50-14:05 **Hormonal changes in neurotrauma syndrome**
Ranko Raicevic
- 14:05-14:20 **Translational Research in Neurosurgery**
Ihsan Solaroglu
- 14:20-14:35 **Reviving Matrix for Reconstruction of Traumatic Injuries to the Peripheral Nerves and Spinal Cord: Preclinical Proof of Concept**
Shimon Rochkind
- 14:35-14:50 **Neurorobotics for neurorehabilitation**
Stanisa Raspopovic
- 14:50-15:05 **The impact of a Robotic Digital Microscope on the ergonomics in a neurosurgical operating theatre**
Mihail Petrov
- 15:05-15:30 Coffee break



Amphitheater

15:30-18:15

COMPLICATIONS IN NEUROSURGERY

Moderators: Keki Turel, Jamil Rzaev

15:30-16:00

Keynote: How Learning from Complications Can Improve Our Patient Outcomes

Madjid Samii

16.00-16.15

Intra- and postoperative complications of brain, spine and peripheral nerve surgery

Keki Turel

16.15-16.30

Complications in CPA surgery

Jamil Rzaev

16.30-16.45

Minor surgeries with major complications - myth or reality?

Lukas Rasulic

16.45-17.00

Failed Clip Reconstruction of a Giant Ica Aneurysm

Ioan Stefan Florian

17.00-17.15

Failure on the First Attempt of Biopsy of PTPR In the Posterior 3rd Ventricle by Endoport-Guided Endoscopic Trans choroidal Fissure Approach

Roman Bosnjak

17.15-17.30

Retained Intracranial Shrapnel & Bullets

Harjinder Bhatoe

17.30-17.45

Wandering of missiles in the cranium

Milan Lopic

17.45-18.00

Case: Cervico-Thoracic Spine Metastasis & Vertebrectomy

Thomas Kretschmer

18.00-18.15

Minimally invasive skullbase surgery: what is possible and what are the limitations?

Gunther Feigl



Hall 1

13:20-18:45

NEUROVASCULAR SUPERSESSION

(10' presentation + 5' discussion)

Moderators: Vladimir Kalousek, Svetlana Milosevic Medenica

- 13:20-13:35 **Role of direct aneurysm surgery in current endovascular era**
Hiroki Kurita
- 13:35-13:50 **Advanced Endovascular Techniques for Treatment of Complex Intracranial Aneurysms**
Svetlana Milosevic Medenica
- 13:50-14:05 **Endovascular management of chronic subdural haematoma**
Vladimir Kalousek
- 14:05-14:20 **Endovascular treatment of cerebral aneurysms, the new concept**
Akio Hyodo
- 14:20-14:35 **Expert Consensus on the Management of Brain Arteriovenous Malformations**
Yoko Kato
- 14:35-14:50 **Endoscopic intracranial hematoma evacuation for several etiologies and sites**
Masao Tambara
- 14:50-15:05 **Tailored bypass for complex aneurysms**
Bin Xu
- 15:05-15:20 **Middle cerebral artery aneurysms - our seven years experience. Roll and place of the microsurgery in the endovascular center**
Mynzhylky Berdikhojayev
- 15:20-15:30 *Coffee break*
- 15:30-15:45 **Endovascular treatment aneurysms with wide neck on bifurcation**
Slobodan Culafic
- 15:45-16:00 **Rapid Ventricular Pacing for neurovascular Surgery: Establishing a method in a community Hospital**
Arya Nabavi



- 16:00-16:15 **Hybrid OR, future of neurosurgery**
Zoran Milosevic
- 16:15-16:30 **The impact of aneurysm morphology on its rupture -
advanced assessment**
Filip Vitosevic
- 16:30-16:45 **Surgery for cerebrovascular AVMs: a neurosurgical bette noire**
Maneet Gill
- 16:45-17:00 **The multimodal treatment of AVMs: the state in the field**
Kirill Orlov
- 17:00-17:15 **Surgical site infections after neurosurgical procedures
in Ukraine**
Dmytro Shcheglov
- 17:15-17:30 **Anterior brain circulation aneurysm surgery - single center
experience**
Goran Tasic
- 17:30-17:45 **Surgical management of spontaneous intracerebral
haemorrhage: why and when?**
Vladimir Bascarevic
- 17:45-18:00 **Endovascular treatment of the distal dissecting large
aneurysm of posterior cerebral artery using flow diverting
stent – case report**
Dragoslav Nestorovic
- 18:00-18:15 **Intracerebral hemorrhage and anticoagulant therapy**
Zeljko Zivanovic
- 18:15-18:30 **Hypopituitarism after spontaneous subarachnoid hemorrhage
of aneurysmal origin**
Vladimir Jovanovic
- 18:30-18:45 **Use of intraoperative monitoring and
post-surgery rescue techniques in the treatment of large
and giant aneurysms**
Ivan Vukasinovic



Hall 2

13:20-18:15 NURSING SYMPOSIUM

Moderators: Bojana Jovanovic, Zana Djuric

- 13:20-13:35 **THE ROLE OF THE NURSE IN CARING FOR POLYTRAUMATIZED PATIENTS**
Andjelkovic Snezana
- 13:35-13:50 **THE ROLE OF THE NURSE IN THE PREVENTION OF HOSPITAL INFECTIONS**
Miljkovic Aleksandra
- 13:50-14:05 **PATIENT CARE AFTER IMPLANTED VP SHUNT**
Ristic Natalija | Arsic Svetlana
- 14:05-14:20 **QUALITY OF LIFE AFTER DISC HERNIATION SURGERY**
Dragana Nikolic | Danijela Mišić
- 14:20-14:35 **ARTIFICIAL INTELLIGENCE & VIRTUAL REALITY**
Aleksandra Damnjanovic
- 14:35-14:50 **SUBARACHNOID HEMORRHAGE**
Zvezdana Stefanovic
- 14:50-15:05 **HEALTH CARE OF PATIENTS BEFORE AND AFTER DISK HERNIATION SURGERY**
Zlatkovic Natasa
- 15:05-15:30 *Coffee break*

Moderators: Sandra Milosevic, Marija Bradic

- 15:30-15:45 **HEALTH CARE OF PATIENTS AFTER SURGERY DUE TO INTRACRANIAL BLEEDING**
Krickovic Marija
- 15:45-16:00 **QUALITY OF LIFE AFTER BRAIN TUMOR SURGERY**
Barac Natasa
- 16:00-16:15 **SUBDURAL HEMATOMA**
Bikic Danijela



- 16:15-16:30 **NURSING ACTIVITIES IN THE PATIENTS WITH CEREBRAL ANEURYSM**
Zvezdana Nikolic
- 16:30-16:45 **CARE OF PATIENTS WITH CEREBROVASCULAR DISEASES**
Bojana Nedeljkovic
- 16:45-17:00 **PREOPERATIVE PREPARATION OF THE BRAIN TUMOR PATIENTS**
Snezana Radivojevic
- 17:00-17:15 **INSTRUMENTATION TECHNIQUES DURING BRAIN TUMOR SURGERY**
Aleksandar Minev
- 17:15-17:30 **THE IMPORTANCE OF INSTRUMENTATION DURING STEREOTAXIC BIOPSY OF BRAIN TUMORS**
Ivana Balic
- 17:30-17:45 **THE IMPORTANCE OF THE INSTRUMENT CASE DURING DISC HERNIATION SURGERY OF THE CERVICAL SPINE**
Slavica Babic Bakic
- 17:45-18:00 **CARE OF PATIENTS AFTER TRANSPHENOIDAL SURGERY FOR PITUITARY TUMOR**
Jovana Gvozdenovic
- 18:00-18:15 **THE IMPORTANCE OF THE INTERPROFFESIONAL TEAM IN THE CARE OF PATIENTS WITH NEUROTRAUMA - CASE REPORT**
Sandra Milosevic

08.00-18.45 **E-POSTER PRESENTATION**
Area for Poster presentation

20:30-24:00 SOCIAL DINNER - Dom Vojske Srbije



December 10th 2022 Military Medical Academy

Registration
Amphitheater

08:30-11:00 **MILITARY NEUROSURGERY 4 - SPINE**
Moderators: Goran Pavlicevic, Danilo Radulovic

- 08:30-08:45 **Intradural Spinal Tumors: Surgical Considerations and Institutional Experience**
Tomislav Sajko
- 08:45-09:00 **Anterior cervical approach for the treatment of cervical myelopathy**
Danilo Radulovic
- 09:00-09:15 **Surgical specificity of the cervicothoracic part of the spine**
Nebojsa Stojanovic
- 09:15-09:30 **Skeptical approach to the Spine Surgery**
Michalakis Spyrou
- 09:30-09:45 **The role of cervical hybrid surgery**
Miroslav Vukic
- 09:45-10:00 **The role of robot-assisted rehabilitation in cervical spinal cord injuries**
Tatjana Bucma
- 10:00-10:15 **An orthopedic surgeon in spinal surgery - a bull in a china shop?**
Daniel Staribacher
- 10:15-10:30 **Surgical challenges of solving adult scoliosis**
Vladimir Lalosevic
- 10:30-10:45 **Omentomyelopexy in injured spinal cord**
Ljubodrag Minic
- 10:45-11:00 **DREZ operation for intractable pain after spinal cord injury**
Milan Spaic
- 11:00-11:30 Coffee break



11:30-13:30 GENERAL SCIENTIFIC 4 – HISTORY & ETHICS

Moderators: Amir Samii, Tariq Khan

11:30-11:50 **The Contribution of Military Conflicts to the Development of Neurosurgery**

Ioan Stefan Florian

11:50-12:10 **Neurotrauma Guidelines in Low Resource Settings**

Tariq Khan

12:10-12:30 **Ethical aspects in neurosurgery**

Tiit Mathiesen

12:30-12:50 **Decision-making biases in neurosurgery**

Nikolay Gabrovsky

12:50-13:10 **Casualty Air Evacuation - Right of Combatants**

KK Yadav

13:10-13:30 **Austro-Hungarian medical services in the Isonzo front - a glance at the past**

Tomaz Velnar

Hall 1

08:30-11:00 YOUNG NEUROSURGEON'S FORUM

13:30-14:00 CLOSING AND AWARDS CEREMONY

CONTACT

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