

Thursday, October 22nd 2015

- 15.00-19.00 Registration (Hotel Bristol)
 19.00 Welcome reception (City Hall – Vijecnica, Mayor of Sarajevo)

Friday, October 23rd 2015

- 08.00-18.00 **Registration** (Hotel Bristol)
 09.00-10.00 **Opening ceremony** (Hall 1 – Sarajevo)
Dr Dragan Covic, President of Presidency of Bosnia-Herzegovina

Welcome Addresses:

- Dr Ibrahim Omerhodzic** - President of the Organizing Committee
Professor Rasim Skomorac - President of Assoc. of neurosurgeons in B&H
Dr Eldin Burazerovic – Chair, Department of neurosurgery UCC Sarajevo
Professor Vaso Antunovic - Department of neurosurgery CC of Serbia
Professor Rusmir Mesihovic, Director of University Clinical Center Sarajevo
Almira Hadzovic-Dzuvo, Dean, Faculty of Medicine University of Sarajevo
Professor Kenan Arnautovic, BH - American Academy of Arts and Sciences
Academician Senka Dinarevic - ANUBIH representative
Professor Lukas Rasulic – Vice President of SeENS
Professor Kresimir Rotim – President of SeENS
Professor Frederick A. Boop – President-Elect of AANS
Professor Francesco Tomasello - Vice President of WFNS
Professor Yong-Kwang Tu – President of WFNS
Professor Madjid Samii – Honorary President of WFNS

- 10.00-10.15 **Coffee break**

Friday, October 23rd

PROGRAM

Plenary Session**Hall 1/Sarajevo**

Chair: Kresimir Rotim, Lukas Rasulic, Ibrahim Omerhodzic

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|-------|---|
| 10.15 | Surgical management of CP angle tumors
Madjid Samii |
| 10.45 | Surgical management of giant and complex intracranial aneurysm
Yong-Kwang Tu |
| 11.05 | Skull base surgery: the right premise and the fulfillment of the promise
Ossama Al Mefty |
| 11.25 | Recent treatment options and future perspectives for petroclival tumors
Takeshi Kawase |
| 11.45 | Indications and choice of surgical approach in brainstem surgery
Helmut Bertalanffy |
| 12.05 | Update on glioblastoma management
Francesco Tomasello |
| 12.25 | Cranio-orbital transcavernous skull base approach to juxta-sellar lesions
Kenan Arnautovic |
| 12.45 | Trends of neurosurgical management of parasellar meningiomas
Rudolph Fahlbusch |
| 13.05 | Surgery and biology of insular gliomas
Necmetin Pamir |
| 13.25 | Pursuing excellence in neurosurgical care
Melvin L. Cheatham |

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| 13.45-14.30 | Lunch on symposium – “Medtronic”
Understanding the hydrodynamics principles and performance of shunts
William Sugleris, Global Clinical Educational manager |
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13.30-14.30 **SeENS EC Meeting**

Hall 3/Mostar

Plenary Session**Hall 1/Sarajevo**

Chair: Madjid Samii, Alexandru- Vlad Ciurea, Tomislav Sajko

- | | |
|-------|--|
| 14.30 | The treatment outcome of unruptured cerebral aneurysms
Yoko Kato |
| 15.00 | Treatment of giant aneurysms surgery for MCA aneurysms – an experience of more than 6.000 pts
Juha Hernesniemi |
| 15.20 | Petroclival meningiomas
Ibrahim Sbeih |
| 15.40 | Management and treatment of unruptured aneurysms
Alexandros Andreou |
| 16.00 | Intracranial vascular malformations – a surgical point of view
Ioan Stefan Florian |
| 16.20 | Update on the United States WEB-IT trial
Daniel Hoit |
| 16.40 | Surgical treatment and outcome of pericallosal artery aneurysms:
Single institutional experience
Eldin Burazerovic |
| 17.00 | Multimodal surgical treatment of AVMs: single center result in times of the ARUBA trial
Oliver Sakowitz |
| 17.20 | Multidisciplinary management of intracranial dural arteriovenous fistulae
Giuseppe Lanzino |
| 17.40 | The role of microsurgery in the modern multimodal management of unruptured brain AVM
Ivan Radovanovic |

18.00-19.00	2nd SeENS General Assembly	Hall 2/Banja Luka
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20.00	GALA DINNER - Hotel "Terme Ilidza"
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Friday, October 23rd

PROGRAM

Plenary Session**Hall 2/Banja Luka**

Chair: Frederick A. Boop, Memet Ozek, Zeki Sekerci

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|-------|--|
| 14.30 | Chordoma: facts and misses
Ossama Al-Mefty |
| 15.00 | Microsurgery of tuberculum sellae meningiomas.
The nuances of operative techniques and the outcome
Juraj Steno |
| 15.20 | New insights into the pathogenesis of high grade gliomas
Ihsan Solaroglu |
| 15.40 | Dilemmas in vestibular schwannomas treatments
Vaso Antunovic |
| 16.00 | The auditory midbrain implant – a new prosthesis for hearing restoration in neuronal deafness
Amir Samii |
| 16.20 | Awake surgery for tumors in eloquent brain regions
Kresimir Rotim |
| 16.40 | Epilepsy surgery
Konstantinos Fountas |
| 17.00 | Surgical management of vestibular schwannomas – Experience with 500 cases
Michael Link |
| 17.20 | Vertical incision and keyhole craniotomy in supratentorial tumor surgery
Ibrahim Omerhodzic |
| 17.40 | Dedifferentiation and migration of low grade thalamic glioma into lobar glioblastoma
Zlatko Kolic |

18.00-19.00	2nd SeENS General Assembly	Hall 2/Banja Luka
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20.00	GALA DINNER - Hotel "Terme Ilidza"
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Saturday, October 24th08.00-18.00 **Registration** (Hotel Bristol)**Plenary Session****Hall 1/Sarajevo**

Chair: Vaso Antunovic, Rasim Skomorac, Dara Crimmins

08.00 Surgery of spinal tumors
Madjid Samii08.30 Modern spinal tumor surgery algorithms - tumor resection, spinal reconstruction
and cyberknife radiosurgery
Jason Weaver08.50 Microsurgical resection of spinal cord tumors: Re-evaluation of personal series
Kenan Arnautovic09.10 Compression of the spinal canal
Michalakis Spyrou09.30 Intradural spinal tumours: Surgical considerations and institutional experience
Tomislav Sajko09.50 Surgical treatment options for metastatic spinal disease
Matjaz Vorsic10.10 Treatment of peripheral nerve sheath tumors –
20 years of experience in Clinic of neurosurgery in Belgrade
Lukas Rasulic10.30 **Coffee break**

Saturday, October 24th

PROGRAM

Main session**Spine Surgery - Trauma, Congenital & Degenerative****Hall 1/Sarajevo**

Chair: Francesco Tomasello, Eldin Burazerovic, Mirsad Hodzic

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|-------|---|
| 11.00 | Doing neurosurgery in Private Clinic-5 years experience
Jovica Ugrinovski |
| 11.15 | Presurgical tumor embolization of head, neck and spine
Mentor Petrela |
| 11.30 | Minimally invasive surgery of lumbar disc herniation
Kresimir Rotim |
| 11.45 | Intraoperative ultrasound – based evaluation of the extent of posterior lumbar surgical decompression
Yavor Enchev |
| 12.00 | Observations on the natural history of non-operative management of C2 odontoidprocess fractures in the elderly
Andreas Demetriades |
| 12.15 | Minimal Invasive Surgery and Biological Fusion in Lumbar Stenosis
Tito Arcadia Perilla Cepeda |
| 12.30 | Peripheral nerve surgery in Canton Hospital Zenica
Rasim Skomorac |
| 12.45 | Anterior cervical discectomy and fusion
Aleksandar Caparoski |
| 13.00 | Minimally invasive percutaneous transpedicular screw fixation – Pros and cons
Nikolay Gabrovsky |
| 13.15 | The use of telemedicine in neurotrauma management
Fatos Olldashi |
| 13.30 | Surgical treatment of peripheral nerve conditions and injuries – Single institution experience
Harun Brkic |

13.45-14.30 **Lunch**13.30-14.30 **Organizing Committee meeting**

Hall 3/Mostar

**Main session:
Imaging & Functional**
Hall 1/Sarajevo

Chair: Lukas Rasulic, Vincenzo Paterno, Feridun Acar

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|-------|--|
| 14.30 | Present and future of intraoperative imaging
Arya Nabavi |
| 14.50 | DTI- based tractography of cranial nerves
Venelin Gerganov |
| 15.10 | Rhoton 3-D anatomy
Frederick A. Boop courtesy by Jeffrey Sorenson |
| 15.30 | Radiosurgery for behaviorial disorders
Selçuk Peker |
| 15.50 | Tailored targeting in Parkinson's surgery
Ferudin Acar |
| 16.10 | Microsurgical DREZ lesions for treatment of different deafferantion pain syndroms
Borut Prestor |
| 16.30 | Neuroimaging modalities in TBI
Alexandar Potapov |
| 16.50 | DBS in movement disorders – eight years experience in single institution
Darko Chudy |

17.10	Coffee break
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Free topics - Oral presentation: Neurooncology

Hall 1/Sarajevo

Chair: Kenan Arnautovic, Zlatko Kolic, Venko Filipce

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|-------|--|
| 17.20 | Dynamic of expression of eleven microRNAs in recurrent glioblastoma before and after treatment with radiotherapy and chemotherapy
B. Matos, E. Bostjancic, M. Popovic, D. Glavac |
| 17.30 | Anaesthesia for awake neurosurgery - our experiences
J. Markovic Bozic, P. Music, B. Visocnik, A. Vranic, B. Koritnik, A. Cus, R. Bosnjak, M. Benedicic, T. Zele |
| 17.40 | Comparison of awake brain surgery and classical neurosurgery using brain mapping and postoperative results in two patients with frontal lobe tumors
M. Zmajevic Schonwald, K. Rotim, M. Rogic Vidakovic, I. Mladic Batinica, T. Sajko, I. Skoro, S. Salkicevic, Z. Hamata |
| 17.50 | Transcortical approach to large sized lateral ventricular tumors
A. K. Elsamman |
| 18.00 | Use of the direct electrostimulation in the prevention of motor deficit in surgical treatment Glioblastoma multiforme tumors localized in the motor zone of the brain
N. Repac, I. Nikolic, A. Eric-Nikolic, A. Janicijevic, V. Scepanovic, L. Rasulic, G. Tasic |
| 18.10 | Awake craniotomy - An anaesthesiologist point of view
I. Mladic Batinica, K. Rotim, T. Sajko, M. Zmajevic Schonwald, S. Salkicevic |
| 18.20 | Awake craniotomy in Clinical Center of Vojvodina in Novi Sad
P. Vulekovic, I. Horvat, V. Karan, S. Vickovic, M. Karan, Dj. Djilvesi |
| 18.30 | Tumor contrast enhancement and karyometric variables in brain astrocytoma
A. Kostic, I. Stefanovic, N. Stojanovic, V. Novak, M. Radisavljevic, I. Cvetkovic, Z. Dzelebdzic, D. Mihailovic |
| 18.40 | Resection of deep-seated brain lesions with the use of an expandable soft tubular retractor - Case series
V. Alenka, B. Roman |
| 18.50 | Combined microsurgical, endoscopic and neuro-navigation assisted trans-sphenoidal resection of pituitary tumors: Our experience
M. Kovacevic, K. Arnautovic |
| 19.00 | CNS tumors in children - experiences in Department of neurosurgery UCC Sarajevo
A. Hasanagic, S. Zahirovic, M. Barucija, D. Lisica |
| 19.10 | Gamma Knife radiosurgery for patients with Acoustic Schwannoma
M. Aziz Hatiboglu, M. Hudai Ozgor, E. Dik, H. Seyithanoglu, S. Tuzgen |

Main session:**Skull base****Hall 2/Banja Luka**

Chair: Rudolph Fahlbusch, Takeshi Kawase, Ibrahim Omerhodzic

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|--------------|--|
| 08.00 | Neurosurgery in Anatolia, in Turkey
Zeki Sekerci |
| 08.15 | Endoscopic endonasal approaches to the midline skull base
Luigi Cavallo |
| 08.30 | Information Guided Surgery – The Latest Trends
Stefan Uebelhoer, <i>Senior Marketing Manager, Brainlab AG</i> |
| 08.45 | Endoscopic endonasal approach to medial and lateral parasellar pituitary adenomas, selected suprasellar craniopharyngiomas and meningiomas and other skull base lesions
Roman Bosnjak |
| 09.00 | Typical localization of residual tumor in transsphenoidal pituitary adenoma surgery
Vincenzo Paterno |
| 09.15 | Surgical approaches to sellar region
Petar Vulekovic |
| 09.30 | The facial nerve palsy in skull base lesions
Stefano Ferraresi |
| 09.45 | Posttraumatic hypopituitarism
Vatroslav Cerina |
| 10.00 | Characteristics of the posterior cranial fossa tumors in adults. A series review
Bruno Splavski |
| 10.15 | Treatment strategy in anterior skull base and parasellar meningiomas
Goran Mrak |
| 10.30 | Coffee break |

Saturday, October 24th

PROGRAM

Main session:**Pediatric neurosurgery****Hall 2/Banja Luka**

Chair: Helmut Bertalanffy, Ihsan Solaroglu, Petar Vulekovic

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|-------|--|
| 11.00 | Extended subchoroidal approach to III ventricular tumors
Frederick A. Boop |
| 11.30 | Treatment of visual pathway tumors
Memet Ozek |
| 11.50 | Pediatric craniopharyngiomas, current concepts for treatment
Nejat Akalan |
| 12.10 | Surgical management and outcome of myelomeningocele in a developing pediatric neurosurgery service
Darah Crimmins |

12.30-12.45 **Coffee break****Main session:****Spine****Hall 2/Banja Luka**

Chair: Ioan Stefan Florian, Harun Brkic, Roman Bosnjak

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|-------|--|
| 12.45 | Discus hernia as a result of sports activities
Boris Bozic |
| 13.00 | The influence of the anterior interbody fusion with allograft onto clinical and radiographic status of the cervical spine
Goran Lakicevic |
| 13.15 | Surgical treatment of degenerative stenosis, spondylolysthesis and scoliosis- a single center experience
Zlatko Ercegovic |
| 13.30 | Initial two-year safety data for an anular closure device:
Interim results from a multicenter, prospective, randomized clinical trial
Adisa Kursumovic |

13.45-14.45 **Lunch** (Lunch on symposium – optional)

**Main session:
Cerebrovascular**
Hall 2/Banja Luka

Chair: Yoko Kato, Alexandros Andreou, Eldin Burazerovic

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|-------|--|
| 14.30 | An aggressive management of ACoA aneurysms - predictive outcome factors
Alexandru-Vlad Ciurea |
| 14.50 | Combined treatment of AVMs
Alexandros Andreou |
| 15.10 | Clipping versus coiling for ruptured intracranial aneurysms:
Single institution experience
Mirsad Hodzic |
| 15.30 | Quantitative and qualitative analysis of the working area obtained by the
microscope and endoscope in different surgical approaches to the ACom
and BA region
Venko Filipce |
| 15.45 | Endovascular management of CNS AV malformations- neurosurgical perspective
Mirza Moranjkic |
| 16.00 | Cerebral vasospasm and transcranial doppler ultrasonography
Aida Sehic |
| 16.15 | Current techniques for endovascular treatment of intracranial aneurysms
Svetlana Milosevic Medenica |

16.30 Coffee break

Free topics – Oral presentation: Spine

Hall 2/Banja Luka

Chair: Aleksandar Caparoski, Matjaz Vorsic, Goran Lakicevic

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|-------|--|
| 17.00 | The value of postponing repair in large size unruptured myelomeningoceles
A. K. El Samman, O. M. El Falaky |
| 17.10 | Incidental dural tears during lumbar surgery: Incidence and management
A. A. El Zariief, O. M. El Falaky |
| 17.20 | Operative treatment of kyphosis and multilevel degenerative process in the neck area of the spine within treatment or prevention of cervical myelopathy
N. Stojanovic, R. Mitic, Z. Dzelebdzic, I. Cvetkovic |
| 17.30 | Lumbar spinal chondroma presenting with radiculopathy and motor weakness: Case report
S. Djuraskovic, N. Lakicevic, Lj. Vujotic, B. Djurovic, L. Borovinic, A. Radunovic |
| 17.40 | PHemimyelomeningocele: Varieties of diagnosis and clinic
M. Basarr, M. Memet Ozek |
| 17.50 | Full-endoscopic interlaminar versus microsurgical operations in lumbar compressive lesions surgery
M. Markovic, N. Zivkovic, V. Aleksic |
| 18.00 | Internal decompression for lumbar spinal stenosis – Indications, technic, results
M. Spaic, N. Zivkovic, M. Samardzic, I. Popovic, V. Aleksic |
| 18.10 | The impact of alcohol intoxication and craniocerebral injury type on treatment outcome for patients operated with craniocerebral injury
K. Rotim, T. Sajko, I. Skoro, M. Kovacevic, I. Koprek |
| 18.20 | Positive intraoperative changes of muscle motor evoked potentials in patients with intramedullar cervicospinal tumors
M. Zmajevic Schonwald, K. Rotim, M. Rogic Vidakovic, I. Mladic Batinica, Z. Hamata |
| 18.30 | Lumbal fusion in treatment of neurogenic claudications
M. Biscevic, J. Kapetanovic |
| 18.40 | Isolated intracranial sinus histiocytosis – Rosai dorfman disease - Report of two cases
V. Beros, H. Cupic, D. Stipic, K. Zarkovic, K. Rotim |
| 18.50 | Treatment of brain metastases with stereotactic radiotherapy and or without whole brain radiation: Experience of IMC Center of radiotherapy Banja Luka
D. Trokic, G. Kolarevic, G. Marosevic, O. Arsovski, S. Maric, B. Vujosevic, D. Jaros, P. Banovic, A. Kostovski, D. Mileusnic |
| 20.00 | Farewell party - “Four seasons” - Penthouse restaurant & lounge bar |

Sunday, October 25th

Young neurosurgeons' corner and free topics

Oral presentations: Cerebrovascular

Hall 1/Sarajevo

Chair: Edin Hajdarpasic, Nikolina Sesar, Aleksandar Janicijevic

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|-------|--|
| 09.00 | Subarachnoid Hemorrhage
Milan Popovic |
| 09.10 | Aneurysm inclination angle as the predisposing factor for the occurrence of rupture
I. Nikolic, N. Repac, A. Janicijevic, V. Scepanovic, L. Rasulic, G. Tasic |
| 09.20 | Intracranial aneurysms in children associated with arteriovenous malformation
M. Mrdak, N.Repac, I. Nikolic, A. Janicijevic, M. Mihajlovic, L. Rasulic, G. Tasic |
| 09.30 | Omayya reservoir for treatment hydrocephalus in premature infants with intraventricular hemorrhage
M. Mihajlovic, M. Mrdak, I. Nikolic, N. Repac, A. Janicijevic, V. Scepanovic, M. Stojisavljevic, L. Rasulic, G. Tasic |
| 09.40 | Morphological factors as the predictors of rupture of AVM
S.Matic, I.Nikolic, N.Repac, B.Milatovic, I. Droic, A. Janicijevic, L. Rasulic, Tasic G. |
| 09.50 | The clinical features and surgical approaches for brain stem cavernomas
A. Janicijevic, N. Repac, I. Nikolic, V. Scepanovic, A.Savic, I. Djoric, L. Rasulic, G. Tasic |
| 10.00 | Does temporary clipping during intracranial aneurysm surgery influence cognitive outcome?
V. Papic, T. Cigic, V. Bugarski , Dj. Djilvesi, M. Karan, P. Vulekovic, I. Horvat, B. Jelaca, A. Azasevac, M. Papic |
| 10.10 | Coexistence of brain arteriovenous malformation and developmental venous anomaly - Case report
F. Vitosevic |
| 10.20 | Bilateral internal carotid artery agenesis with basilar tip aneurysm
M. Z. Adam, C. Kumarappan |
| 10.30 | Management of hemorrhagic stroke in children
A. Tascu, A. Iliescu, C. Pascal, I. Balalau Vapor, R. E. Rizea, C. Lipan, A. Spatariu, I. Tudose |
| 10.40 | Modified Glasgow Coma Scale score as an early indicator of cerebral vasospasm in patients with aneurysmal subarachnoid hemorrhage
Dj. Djilvesi, P. Vulekovic, T. Cigic, V. Papic, N. Krajcinovic, I. Horvat, M. Karan, B. Jelaca, A. Azasevac, J. Golubovic |
| 10.50 | Epilepsy as an initial clinical presentation of AVM
M. Radosavljevic, I. Milic, I. Nikolic, N. Repac, A. Janicijevic, V. Scepaovic, L. Rasulic, G. Tasic |
| 11.00 | Spontaneous intracerebral brain hemorrhage localized in the basal ganglia
A. Milosevic, I. Nikolic, N. Repac, A. Janicijevic, V. Scepanovic, L. Rasulic, G. Tasic |

Young neurosurgeons' corner and free topics**Oral presentations: Neurooncology****Hall 1/Sarajevo**

Chair: Sinisa Matic, Hakija Beculic, Bostjan Matos

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| 11.10 | Two cases of rare schwannomas of the vagal nerve
V. Nakov, K. Ninov, I. Todorov, P. Simeonov, E. Stavrev, T. Eftimov |
| 11.20 | Results in surgical treatment of clival and petroclival meningiomas
V. Nakov, K. Ninov, I. Todorov, P. Simeonov, E. Stavrev, T. Eftimov |
| 11.30 | Traumatic brain injury in children and adolescents
M. Fimic, I. Meljnikov, A. Milojevic, M. Karan, P. Vulekovic, T. Cigic, V. Papic, Dj. Djilvesi, N. Krajcinovic, J. Golubovic, A. Azasevac |
| 11.40 | Frame-based CT guided stereotactic biopsy in treatment of different brain lesions
B. Jelaca, P. Vulekovic, V. Papic, M. Karan, T. Cigic, Dj. Djilvesi, J. Golubovic |
| 11.50 | Conventional versus ultrasound neuronavigation in the surgery of cerebral metastases
I. Todorov, V. Nakov, T. Eftimov, P. Simeonov, E. Stavrev, K. Ninov |

Young neurosurgeons' corner and free topics**Oral presentations: Varia****Hall 2/Banja Luka**

Chair: Darko Stipic, Antonije Savic, Salko Zahirovic

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|-------|---|
| 09.00 | Stent assisted aneurysm coiling - a single center experience
M. Moranjkic |
| 09.10 | Management of chiari malformation type I with posterior fossa decompression without dural opening
W. Elhalaby |
| 09.20 | Management of symptomatic middle cranial fossa (sylvian) arachnoid cyst
W. Elhalaby |
| 09.30 | Functional neurosurgery at the University Medical Center Ljubljana
M. Benedicic, R. Bosnjak |
| 09.40 | Analysis of anatomical orientes and direct electrical stimulation of the brain cortex in the identification of motor area
I. Bogdanovic, A. Janicijevic, I. Nikolic, N. Repac, V. Scepanovic, J. Zivanovic, L. Rasulic, G. Tasic |
| 09.50 | A case report of a neurosurgical patient with essential thrombocythemia - balancing thrombotic and bleeding risk
P. Music, J. Markovic, B. Visocnik |
| 10.00 | The quality of life of patients after a lumbar microdiscectomy and medical rehabilitation
E. Mahmutovic, R. Doder, Z. Dolicanin, J. Nurkovic, Z. Bajin, K. Boskovic |
| 10.10 | Ventriculo-cysto-cisternostomy in the treatment of supracellar arachnoid cysts
M. Basarr, M. M. Ozek |

PROGRAM

Sunday, October 25th

- 10.20 Endoscopic third ventriculostomy in the treatment of hydrocephalus
A. Xhumari, E. Pajaj, M. Ruka, M. Demneri, M. Petrela
- 10.30 StereoEEG in diagnosis of pharmacoresistent epilepsy
D. Chudy, F. Almahariq, I. Franciskovic, P. Marcinkovic
- 10.40 Perioperative comorbidities in the treatment of hydrocephalus
M. Samardzic, M. Mihajlovic, M. Mrdak, A. Janicijevic, N. Repac, I. Nikolic,
L. Rasulic, G. Tasic
- 10.50 Analysis of Electroencephalogram report using the Wavelet transform
S. Zahirovic, S. Zubcevic, S. Avdakovic, N. Dautbasic, M. Muftic Dedovic
- 11.00 Surgical options for different types of craniosynostosis
A. Dzurlic, I. Omerhodzic, A. Celjo, N. Iblizovic, M. Niksic, B. Imsirovic,
B. Rovcanin, A. Kadic, V. Huskic
- 11.10 Chiari type II malformation: Timing for the treatment and surgical technique
A. Ahmetpahic, I. Omerhodzic, S. Zahirovic, A. Masovic, A. Dzurlic, L. Dreca,
E. Avdagic, D. Bulja
- 11.20 Results of surgically treated acute subdural hematoma caused by head injury
A. Azasevac, T. Cigic, V. Papic, Dj. Djilvesi, N. Krajcinovic, I. Horvat, M. Karan,
B. Jelaca, J. Golubovic, M. Fimic, I. Meljnikov, P. Vulekovic
- 11.30 IntraOperative neurophysiological monitoring - Our experience
V. Karan, I. Horvat, M. Karan, V. Papic, Dj. Djilvesi, P. Vulekovic
- 11.40 Our experiences in CENTER-TBI study
J. Golubovic, T. Cigic, V. Papic, Dj. Djilvesi, N. Krajcinovic, I. Horvat, M. Karan,
B. Jelaca, A. Azasevac, M. Fimic, I. Meljnikov, M. Loc, P. Vulekovic
- 11.50 Characteristics of traumatic brain injury patients in the Province of Vojvodina-
Impact of CENTER - TBI study
M. Karan, T. Cigic, V. Papic, Dj. Djilvesi, N. Krajcinovic, I. Horvat, B. Jelaca,
A. Azasevac, J. Golubovic, M. Fimic, I. Meljnikov, M. Loc, P. Vulekovic
- 12.00 Speech disturbance during subcortical mapping in surgery for right superior frontal
gyrus glioma in awake patient
I. Sumonja, T. Sajko, K. Rotim, M. Zmajevic, I. Mladic-Batinica

12.00 **Closing Ceremony**

Hall 1/Sarajevo

Friday, October 23rd - Sunday, October 25th 2015

E-Poster Session

Exhibition Hall

NEUROONCOLOGY

- P-NO-1 The use of twist drill craniostomy in frame based stereotactic surgery for brain tumors
D. Chudy, F. Almahariq, I. Franciskovic, P. Marcinkovic
- P-NO-2 Fluorescence assisted resection of brain tumors using 5-aminolevulinic acid
G. Poptodorov, N. Velinov, N. Gabrovsky, M. Laleva, P. Ilkov, M. Kamenova, St. Gabrovsky
- P-NO-3 Operative neurosurgical approaches in the treatment of orbital meningiomas
A. Cekov, Chr. Tzekov, Y. Enchev
- P-NO-4 Expansive processes of the brain
V. Novak, N. Stojanovic, I. Stefanovic, A. Kostic, L. Berilazic
- P-NO-5 Tumefactive Multiple Sclerosis - a case report and review of literature
D. Lisica, M. Niksic, N. Bilalovic, E. Suljic, S. Drnda, M. Kalamujic, I. Omerhodzic
- P-NO-6 Orbital pseudotumor with extraorbital extension in childhood - a case report and review of literature
A. Masovic, I. Omerhodzic, E. Hrvac, L. Gurbeta, E. Begic, E. Kulovic, V. Skrijelj, E. Maleskic, N. Bilalovic, E. Avdagic
- P-NO-7 Endoscopic third ventriculostomy for patients with previous ventriculo peritoneal shunt insertion
A. K. Elsamman
- P-NO-8 Endoscopic resection of third ventricular colloid cyst
A. K. Elsamman
- P-NO-9 Colloid cysts of third ventricle: a case series
J Ravnik, G Bunc, T Velnar

SPINE

- P-SP-1 Stand-alone cage with integrated fixation for anterior cervical interbody fusion in cervical degenerative disease: Our experiences
A. Porcnik, T. Zele, B. Prestor
- P-SP-2 Conservative treatment of osteoporotic fractures with immobilisation in the Clinic for traumatology CHC Sisters of Charity
M. Bucar, E. David
- P-SP-3 Surgical treatment of cervical spondylotic myelopathy
D. Radulovic, V. Bascarevic, I. Cvrkota
- P-SP-4 Standalone cage for posterior lumbar interbody fusion with minimally invasive bilateral discectomy, without arthroctomy
K. Uzunov, P. Ilkov, N. Alioski, N. Gabrovsky, St. Gabrovsky, Ts. Iliev., N. Gabrovsky
- P-SP-5 Prevention of tethered cord syndrome combined with myelomeningocele
A. Cekov, Chr. Tzekov, Y. Enchev
- P-SP-6 Tethered cord syndrome combined with lipomyelomeningocele
A. Cekov, Chr. Tzekov, Y. Enchev

PROGRAM

Friday, October 23rd - Sunday, October 25th

- P-SP-7 Lower back pain - Caution when making treatment program
D. Okiljevic-Obradovic, D. Predojevic, G.Uzelac Kovacevic, J. Usljebrka, E. Zjalic
- P-SP-8 Encephalocele with meningomyelocele: Two cases
N. Kiyamaz, I. Demir, B. Oral GÜdü
- P-SP-9 Meningioma reg. TH9 - Case report
B. Djurovic, N. Lakicevic, Lj. Vujotic, S. Djuraskovic, L. Borovinic, A. Radunovic
- P-SP-10 Human intervertebral disc cells: process of isolation and culture
L. Gradisnik, G. Bunc, M. Vorsic, J. Ravnik, T. Velnar
- P-SP-11 The effect of iodixanol on human intervertebral disc cells in vitro
L. Gradisnik, U. Maver, G. Bunc, T. Velnar
- P-SP-12 The intervertebral disc functional cell models: a new revolution for in vitro toxicology testing
T. Velnar, U. Maver, G. Bunc, L. Gradisnik
- P-SP-13 A rare case of primary extramedullary intradural and extradural malignant melanoma of cervical spine - Case report
H. Beculic, R. Skomorac, A. Jusic, A. Mekić-Abazovic, F. Alic, J. Mustadenagić-Mujanović, H. Brkic, A. Efendic, N. Barucija

VARIA

- P-VA-1 Case report on removing large schwannoma in axilla
J. Kolev Surchev, A. Hadjiianev, A. William, L. Todorova
- P-VA-2 Brain hydatid cyst in three years old child
N. Lakicevic, S. Djuraskovic, B. Djurovic, L. Borovinic, A. Radunovic, M Roganovic
- P-VA-3 What about nickel allergy?
B. Marta, V. Kalousek, B. Culo, K. Rotim
- P-VA-4 Cranial remodeling surgery in patient with large arachnoid cyst
M. Micovic, B. Zivkovic, M. Theologou, V. Bascarevic, L. Rasulic
- P-VA-5 Six years of surgical treatment of patients with focal pharmaco-resistant epilepsy - Single center experience
V. Bascarevic, M. Micovic, B. Zivkovic, Lj. Vujotic, I. Jovanovic, I. Bogdanovic, A. Savic, M. Theologou, A. Stanimirovic, L. Rasulic
- P-VA-6 Intraspinal foreign body induced headache - A case report
M. Lepic, Lj. Minic, S. Mandic-Rajcevic, N. Novakovic, L. Rasulic, Z. Roganovic
- P-VA-7 Diffuse axonal injury - Incidence and outcome
S. Zahirovic, E. Burazerovic, A. Dzurlic, A. Hasanagic, E. Tahto, H. Hodzic, I. Omerhodzic
- P-VA-8 Surgical treatment of multiple intracranial aneurisms including bilateral pericallosal aneurisms in a mirror position
E. Burazerovic, A. Ahmetpahic, I. Omerhodzic, D. Lisica, S. Zahirovic, A. Dzurlic
- P-VA-9 Laparoscopic ventriculoperitoneal shunt placement in normotensive hydrocephalus: a case series
T. Velnar, T. Jagric, F. Jelenc, R. Bosnjak, R. Pregelj, M. Korsic, M. Benedicic, D. Jugovic, J. Ravnik, G. Bunc
- P-VA-10 Severe brain injury as result of a compressor tube explosion
T. Velnar, R. Pregelj

Friday, October 23rd

NURSING SYMPOSIUM

08.30

Welcome address

Dr Ibrahim Omerhodzic, President of the Organizing Committee

Prof. dr Lukas Rasulic, Vice President of Southeast Europe Neurosurgical Society

Prof. dr Kresimir Rotim, President of Southeast Europe Neurosurgical Society

Emina Selimovic, Head Nurse, Department of Neurosurgery,
University Clinical Center of Sarajevo, Bosnia and Herzegovina

Zana Djuric, Head Nurse, Department of Neurosurgery,
University Hospital Center of Beograd, Serbia

Biljana Kurtovic, Head Nurse, Department of Neurosurgery,
University Hospital Center Sisters of Charity, Zagreb, Croatia,
President of Croatian Neurosurgery Nurses Association

Session I**Hall 2/Banja Luka**

Chair: Emina Selimovic, Zana Djuric

08.50

Nursing high education system
Aleksandar Ratz

09.00

Basic academic studies and specialization of medical staff
Gordana Panova

09.10

Half century of neurosurgical nursing in Sarajevo
Emina Selimovic

09.20

Historical review of neurosurgery nursing at University Hospital Center
Sisters of Charity Zagreb
Mirjana Orsic

09.30

Quality management in neurosurgery nursing
Biljana Kurtovic

09.40

Nurses Role in Health Promotion
Elmedin Dubravac

09.50

Pain management in neurosurgery nursing
Cecilija Rotim

- 10.00 Postoperative disc herniation pain in relation to patient's age and gender
Andreja Vadjunec
- 10.10 Informatization of nursing documentation in Neurosurgery Operating Theatre
Vesna Svircevic

10.20 **Coffee break**

Session II

Hall 2/Banja Luka

Chair: Biljana Kurtovic, Jelena Savic

- 10.40 Operating room nurse role at surgical procedure of peripheral nerves
Jelena Savic
- 10.50 Role of operating room nurse at endoscopic surgery of pituitary gland tumor
Sanja Rosic
- 11.00 Anesthesia Assistant Emergency Procedures for patients suffering from the severe brain injuries
Andjelka Kriste, Snjezana Zigrovic, Mirjana Mestrovic
- 11.10 The importance of nurse's role during insertion of external ventricular drain (EVD)
Zdravka Haic
- 11.20 Overview and implementation of patient care in electronic form for patients suffering from hydrocephalus
Kristina Detkovic
- 11.30 Hydrocephalus in children age nursing care
Mirsa Aleckovic
- 11.40 Neurosurgery nurse role at deep brain stimulation procedure
Olivera Mihordin, Dijana Dragija
- 11.50 Bedside care of the patients suffering from tumors of central nervous system
Lucija Mioc
- 12.00 The role and importance of enteral nutrition in neurosurgical patients
Mirsada Custovic

12.10 **Coffee break**

Friday, October 23rd

PROGRAM

Session III**Hall 2/Banja Luka**

Chair: Mirsada Custovic, Gordana Panova

12.30	Nurses diagnosis in patients with paraplegia Djurdjica Ponjan, Mira Paver, Anita Brblic
12.40	Nursing care for patients with degenerative lumbar spine disease in the University Hospital Centre in Osijek during the last three decades Bartulovic M, Horvat AM
12.50	Specifics of patient care for a child suffering from craniosynostosis Ivana Zeman - Jurkovic
13.00	Evaluation of the pain level by use of VAS scale in patients with lumbosacral pain syndrome preoperatively and postoperatively Amela Redzepovic
13.10	Communication importance in care of patients with severe consciousness disorders Marijana Neuberg, Irena Canjuga, Nenad Kudelic
13.20	Early neurorehabilitation in patients suffering from cerebral aneurysm Admira Bandic
13.30	Intracranial Pressure Mirjana Mestrovic, Milka Jurenovic, Irena Vugrek, Lucija Mioc
13.40	Care of patients with craniocerebral injuries outside the hospital setting (primary scene) Valentin Zupan
13.50	Antiseptic and aseptic procedures in the operating room when inserting ventriculoperitoneal shunt in hydrocephalus Aida Zujovic
14.00	Discussion and Closing speech
14.20	Journal for applied health science - Int. promotion Kresimir Rotim, Aleksandar Racz, Lukas Rasulic
14.30	Lunch
16.00	SEENS Nursing meeting Hall 3/Mostar

**Nursing symposium
E-Poster Session**
Exibiton Hall

- P-NS-1 The presence and prevention of epileptic seizures in brain tumors
Jasmina Dervisevic
- P-NS-2 Primary care and treatment, and attitudes related to physical disability among newborn children, factors and motivation for early rehabilitation
Gordana Panova, L. Nikolovska, G. Sumanov, R. Zorov, V. Dzidrova
- P-NS-3 Importance of health care and treatment of patients undergoing surgery of the pituitary gland tumors
Edisa Jakupovic
- P-NS-4 The role of operating theatre nurse during anterior cervical discectomy
Sanja Lesnjak
- P-NS-5 Development and characteristics of nursing practice with respect to neurosurgical nursing
Lucija Mioc
- P-NS-6 Degenerative changes in the peroneal and tibial nerve due compression of LS disc herniation
Emina Mujkovic
- P-NS-7 Care and early rehabilitation of patients with the brain injuries
Gordana Panova, L. Nikolovska, G. Sumanov, R. Zorov, V. Dzidrova
- P-NS-8 Nursing care of patients with stroke
Vaska Stojanova Rogleva, Gordana Panova
- P-NS-9 Increasing the scope of practice of nurses with the bachelor's degree by adding laser treatments in their practice
Sanela Balicevac
- P-NS-10 The importance of nursing role in awake craniotomy
Ilira Leka, Sonila Olldashi, Gentiana Mertezai

REMARKS: Hall 1 - Hall Sarajevo
Hall 2 - Hall Banja Luka
Hall 3 - Hall Mostar
Hall 4 - Hall Tuzla