



9TH BHAAS NEUROSURGERY AND SPINE SURGERY SYMPOSIUM

Joint meeting with *Southeast Europe Neurosurgical Society (SeENS)* and

Association of Neurosurgeons in B&H (UNUBIH)

SATURDAY, MAY 27TH, 2017

Hotel Kardial Banja Vrucica, Teslic, Bosnia and Herzegovina

THEME: One-day symposium with an emphasis on contemporary information in neurosurgery and spine surgery

TIME FOR LECTURES: 10 and 15 minutes lectures with discussion at the end of each session

PARTICIPANTS: The symposium is intended for neurosurgeons, orthopedic spine surgeons, residents in neurosurgery and associated specialties, neurologists, radiologists and neuroradiologists, endocrinologists, psychiatrists, physiatrist, medical students, students of the faculty of health studies and nurses/technicians with career interest in neurosurgery

NUMBER OF PARTICIPANTS: Unlimited

FEE: 50 KM (30 Euros)

Symposium Director Ibrahim Omerhodzic

Co-Directors Kenan Arnautovic, Eldin Karaikovic, Bruno Splavski

Scientific Board Kresimir Rotim, Rasim Skomorac, Lukas Rasulic, Harun Brkic, Mirsad Hodzic, Eldin Burazerovic, Goran Lakicevic, Feridun Acar, Vjeran Saratlic, Petar Vulekovic, Mirza Biscevic

PROGRAM

Friday, May 26th, 2017

- 19:00 - 21:00 **Sarajevo Philharmonic Orchestra Concert**, Hotel Kardial, Congress Hall
- 21:00 Informal dinner

Saturday, May 27th, 2017

- 7:00-8:00 Registration

INTRODUCTION, WELCOME AND OPENING

VIP Salon

- 8:00 – 8:05 *In memoriam - Primarius dr Alija Čeljo*; Ibrahim Omerhodzic
- 8:05-8:20 Welcome speech: Rasim Skomorac (UNUBiH), Feridun Acar (SEENS), Kenan Arnautovic (BHAAAS)
- 8:20 – 8:35 **Bruno Splavski (Osijek, Croatia)**: Works of art in medicine and neurosurgery.
- 8:35 – 8:50 **Jacob Bergsland (Tuzla, BiH / Oslo, Norway)**: Challenges in the development of Centers of excellence in BiH.

BRAIN TUMORS 1

Chairpersons: K. Arnautovic, M. Baskaya, M. Hodzic

- 8:50 – 9:10 **Mustafa Baskaya (Madison, WI, USA)**: Role of topographical anatomy in treatment of so-called *inoperable* brain tumors.
- 9:10 – 9:25 **Tarik Masic (Sarajevo, BiH)**: Transfacial approaches to the skull base.

9:25 –9:40 **Janez Ravnik (Maribor, Slovenia):** Surgery of the central skull base tumors: endoscopic, microscopic or combined.

9:40 – 9:55 **Mirsad Hodzic, Zlatko Ercegovic, Mirza Moranjkic, Harun Brkic (Tuzla, BiH):** “Benign” skull base tumors: understanding the diagnosis and treatment.

9:55 – 10:05 **Goran Lakicevic, Bruno Splavski, Marijana Karlović-Vidaković, Marko Bošnjak (Mostar, BiH):** Reliability of a high-field 3 Tesla brain MRI in estimation of glioma grades.

10:05 – 10:15 Discussion

10:15 – 10:30 Coffee Break

BRAIN TUMORS 2

Chairpersons: F. Acar, J. Ravnik, R. Skomorac

10:30 – 10:45 **Kenan Arnautovic (Memphis, TN, USA):** Parasagittal meningiomas: paradigm of treatment.

10:45 – 10:55 **Zulejha Merhemic (Sarajevo, BiH):** Extra-axial brain tumors.

10:55 – 11:05 **Rosanda Ilic, Mihailo Milicevic, Dragan Savic, Aleksandar Stanimirovic, Danica Grujicic (Belgrad, Serbia):** Treatment of diffuse low grade gliomas - our experiences.

11:05 – 11:15 **Mirza Pojskić¹, Kenan Arnautovic² (¹Marburg, Germany; ²Memphis, TN, USA):** Intracranial procedures in prone position.

11:15 – 11:25 **Bruno Splavski, Vjenceslav Vrtarić, Irina Bagić, Marko Kovačević (Osijek, Croatia):** Simple tumor localization scale as a prognostic tool in intracranial meningioma.

11:25 – 11:35 **Ibrahim Omerhodzic, Salko Zahirovic, Almir Dzurlic, Adi Ahmetpahic, Dino Lisica, Bekir Rovcanin, Eldin Burazerovic (Sarajevo, BiH):** Surgical approaches to rare cases of posterior fossa lesions.

CEREBROVASCULAR SURGERY

Chairpersons: H. Brkic, A. Kursumovic, M. Tonge

11:35 – 11:50 **Mustafa Baskaya (Madison, WI, USA):** Role of neuroanatomy in treatment of complex neoplastic and vascular lesions.

11:50 – 12:05 **Mehmet Tonge (Istanbul, Turkey):** What's new in Deep Brain Stimulation.

12:05 – 12:15 **Mirza Moranjkic (Tuzla, BiH):** Endovascular management of CNS AV malformations - neurosurgical perspective.

12:15 – 12:25 **Adisa Kursumovic (Deggendorf, Germany):** Current trends in endovascular treatment of acute ischemic stroke.

12:25 – 12:35 **Feridun Acar (Denizli, Turkey):** Trends in Gamma Knife Radiosurgery.

12:35 – 12:45 Discussion

12:45 – 13:30 Lunch (Trilateral meeting: BHAAAS/SEENS/UNUBIH)

SPINE

Chairpersons: Biscevic M, Karaikovic E, M. Vorsic

13:30 – 13:45 **Eldin Karaikovic (Chicago, IL, USA):** Intraoperative stereotactic navigation and robotics in spine surgery.

13:45 – 14:00 **Matjaz Vorsic (Maribor, Slovenia):** Minimally invasive posterior interbody fusion in degenerative lumbar spine disease.

14:00 – 14:10 **Mirza Biscevic (Sarajevo, BiH):** Operative treatment of hemivertebra.

14:10 – 14:20 **Salko, Zahirovic, Ibrahim Omerhodzic, Adi Ahmetpahic, Almir Dzurlic, Dino Lisica (Sarajevo, BiH):** Unilateral microsurgical approach with central and bilateral decompression and foraminotomy for lumbar spinal stenosis treatment.

14:20 – 14:30 **Adi Ahmetpahic, Ibrahim Omerhodzic, Edin Hajdarpasic, Salko Zahirovic, Almir Dzurlic, Kenan Arnautovic (¹Sarajevo, BiH; ²Memphis, TN, USA):** Four levels ACDF for multiple level degenerative disc disease: safe and routine surgical procedure.

14:30 – 14:40 **Mirza Pojskić, Barbara Carl, Miriam Bopp, Christopher Nimsky (Marburg, Germany):** Application of an expandable cervical cage in a retrospective consecutive series of 33 patients.

14:40 -14:50 Discussion

SELECTED BRIEF REPORTS

Chairpersons: H. Beculic, G. Lakicevic, M. Moranjkic

- 14:50 – 14:55 **Mirza Moranjkic (Tuzla, BiH):** Dual-trained vascular neurosurgeon – a paradigm shift.
- 14:55 – 15:00 **Mirza Pojskić¹, Kenan Arnautovic² (1Marburg, Germany; 2Memphis, TN, USA):** International fellowship in neurosurgery in Memphis, Tennessee.
- 15:00 – 15:05 **Hakija Beculic, Rasim Skomorac, Anes Masovic, Alma Mekic-Abazovic, Melica Imamovic, Alma Efendic (Zenica, BiH):** Spontaneous brain and arachnoid herniation into dural venous sinuses: a rare anatomic variation or clinical entity?
- 15:05 – 15:10 **Rosanda Ilic, Biljana Seha, Gordana Gligorijevic, Miodrag Stojsavljevic, Danica Grujicic (Belgrade, Serbia):** Gamma Knife center in Belgrade - first results.
- 15:10 – 15:15 **Fahrudin Alic, Anes Mašović, Rasim Skomorac, Aldin Jusić, Hakija Bečulić (Zenica, BiH):** Neurosurgical management of uncommon penetrating brain injury of low and high velocity: Case reports.
- 15:15 – 15:20 **Mirza Pojskic, Barbara Carl, Miriam Bopp, Christopher Nimsky (Marburg, Germany):** Retrospective study of 229 surgically treated patients with brain metastases: prognostic factors, outcome and comparison of RPA and DS-GPA Classification.
- 15:20 – 15:25 **Hakija Beculic, Rasim Skomorac, Aldin Jusic, Alma Mekic-Abazovic, Anes Masovic, Fahrudin Alic, Melica Imamovic, Hana Stimjanin - Jovic (Zenica, BiH):** Results of neurosurgical treatment of giant myelomeningoceles in Cantonal Hospital Zenica.
- 15:25 - 15:30 Discussion
- 15:30 – 15:40 Adjourn
- 15:40 - 16:00 Coffe Break
- 16:00 -17:30 UNUBIH Annual Assembly Meeting
- 20:00 Dinner (Place TBA)