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**9TH BHAAAS 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, Norwey):** 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):** Parasaggital 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 experinces.

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 Ahmetspahic, 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 Ahmetspahic, Almir Dzurlic, Dino Lisica (Sarajevo, BiH):** Unilateral microsurgical approach with central and bilateral decompression and foraminotomy for lumbar spinal stenosis treatement.

14:20 – 14:30 **Adi Ahmetspahic, 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, Tenneessee.

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)