



**10<sup>TH</sup> BHAAS NEUROSURGERY AND SPINE SURGERY SYMPOSIUM**  
**Joint meeting with *Southeast Europe Neurosurgical Society (SeENS)* and**  
***Association of Neurosurgeons in B&H (UNUBIH)***  
**SATURDAY, JUNE 23<sup>RD</sup>, 2018**

**Symposium Directors:** Ibrahim Omerhodžić (Sarajevo, BiH/BHAAS) &  
Kenan Arnautović (Memphis, TN, USA/BHAAS)

**Hotel Termag, Hall Koliba II**

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

**TIME FOR LECTURES:** 15, 10 and 7 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:** 60

**FEE:** 50 KM (30 Euros)

**SCIENTIFIC BOARD:** Aida Kantardžić Šehić, Bruno Splavski, Burçak Bilginer, Eldin Burazerović, Eldin Karaiković, Goran Lakičević, Harun Brkić, Haso Sefo, Ihsan Soraloğlu, Krešimir Rotim, Lukas Rasulić, Mirsad Hodžić, Mirza Bišćević, Petar Vuleković, Rasim Skomorac, Selçuk Peker, Tomislav Sajko, Vjeran Saratlić, Zlatko Ercegović, Zulejha Merhemić

**LOCAL HOST:** Adi Ahmetspahić, Almir Džurlić, Anel Livaja, Anes Mašović, Dino Lisica, Elma Suljagić-Ljubović, Fahrudin Alić, Gordan Mehmedović, Hakija Bečulić, Ivana Bulić, Mirza Moranjkić, Salko Zahirović.

## PROGRAM

### Friday, June 22<sup>nd</sup>, 2018

- 18:00-20:00      Networking Dinner
- 20:00-22:00      Cocktail Party

### Saturday, June 23<sup>rd</sup>, 2018

- 7:00-8:00      Registration

#### INTRODUCTION, WELCOME AND OPENING

- 8:00-8:20      **Welcome speech:** Kenan Arnautović (BHAAAS), Krešimir Rotim (SEENS), Rasim Skomorac (UNUBiH)
- 8:20-8:30      **Bruno Splavski (Zagreb, Croatia):** The life and tragic death of Andreas Vesalius, the father of modern anatomy and predecessor of neuroscience.  
/Intro by I.Omerhodžić/
- 8:30-8:50      **Samy Youssef (Aurora, CO, USA):** Olfaction preservation in anterior skull base meningiomas: the missing concept.  
/Intro by K.Arnautović/

#### SESSION 1. BRAIN TUMORS

**Chairpersons: Arnautović A, Bilginer A, Skomorac R, Solaroğlu I**

- 8:50-9:05      **Kenan Arnautović<sup>1</sup>, Marko Kovačević<sup>2</sup> (<sup>1</sup>Memphis, TN, USA; Osijek, Croatia<sup>2</sup>):** Combined microsurgical, endoscopic and neuronavigation resection of pituitary tumors.
- 9:05-9:20      **Ihsan Solaroğlu (Istanbul, Turkey):** Advances in brain tumor surgery.
- 9:20-9:35      **Burçak Bilginer (Ankara, Turkey):** Auditory brainstem implantation.
- 9:35-9:45      **Rasim Skomorac, Anes Mašović, Hakija Bečulić, Aldin Jusić, Fahrudin Alić (Zenica, BiH):** Overview of brain tumors treatment in Cantonal Hospital Zenica.
- 9:45-9:55      **Ibrahim Omerhodžić (Sarajevo, BiH):** Posterior fossa gliomas and new 2016 WHO classification of CNS tumors: is it surgery enough?
- 9:55-10:00      Discussion

## **SESSION 2. CEREBROVASCULAR AND FUNCTIONAL SURGERY**

**Chairpersons: Brkić H, Kuršumović A, Peker S, Rotim K**

- 10:00-10:15 **Adisa Kuršumović (Deggendorf, Germany):** Current trends in endovascular treatment of acute ischemic stroke.
- 10:15-10:30 **Krešimir Rotim, Bruno Splavski, Ante Subašić, Marta Borić, Ilijana Šumonja (Zagreb, Croatia):** Combined microsurgical and endovascular approach in the treatment of cerebral aneurysms. A case series report.
- 10:30-10:45 **Selçuk Peker (Istanbul, Turkey):** New era in Gamma Knife Radiosurgery.
- 10:45-10:55 **Mirsad Hodžić (Tuzla, BiH):** Surgical treatment of patients with traumatic intracerebral hemorrhage.
- 10:55-11:05 **Mirza Moranjkić (Tuzla, BiH):** Dual-trained vascular neurosurgeon – a paradigm shift.
- 11:05-11:15 **Aida Kantardžić Šehić (Brooklyn, NY, USA):** Vascular neurosurgery and intraoperative neuromonitoring.
- 11:15-11:20 Discussion
- 11:20-11:45 Coffee break (+KOCH sponsored presentation)**

## **SESSION 3. SPINE**

**Chairpersons: Bišćević M, Karaiković E, Sefo H, Yaman O,**

- 11:45-12:00 **Eldin Karaiković (Chicago, IL, USA):** Proximal and distal junctional kyphosis with treatment of degenerative scoliosis.
- 12:00-12:15 **Onur Yaman (Istanbul, Turkey):** Adolescent idiopathic scoliosis surgery.
- 12:15-12:25 **Mirza Bišćević (Sarajevo, BiH):** Correlation of clinical and radiological reports in degenerative spine diseases.
- 12:25-12:35 **Harun Brkić (Tuzla, BiH):** Traumatic disc herniation: Medico-legal and forensic implications.
- 12:35-12:45 **Marko Kovačević (Osijek, Croatia):** Complications and prevention strategies in surgical treatment of spinal intradural tumors.

12:45-12:55 **Haso Sefo, Adi Ahmetspahić, Edin Hajdarpašić, Salko Zahirović (Sarajevo, BiH):** Posterolateral approach for cervical disc herniations.

12:55-13:00 Discussion

**13:00-14:00 Lunch (+UNUBIH Annual meeting)**

#### **SESSION 4. SELECTED TOPICS**

**Chairpersons: Kantardžić Šehić A, Hodžić M, Splavski B, Youssef S**

14:00-14:10 **Zulejha Merhemić (Sarajevo, BiH):** Imaging in vertigo.

14:10-14:20 **Eldin Burazerović (Sarajevo, BiH):** Surgical treatment of bilateral middle cerebral artery aneurysms.

14:20-14:30 **Aida Kantardžić Šehić, Sabrina Galloway (Brooklyn, NY, USA):** Introduction for the use of continuous Electroencephalography in the contemporary ICU.

14:30-14:40 **Mirjana Raičević, Srđan Nikolovski (Belgrade, Serbia):** Spinal epidural abscess in neonates, a rare complication of generalized infection - report of two cases.

14:40-14:50 **Bruno Splavski<sup>1</sup>, Marko Kovačević<sup>2</sup>, Goran Lakičević<sup>3</sup>, Boris Božić<sup>1</sup> (Zagreb, <sup>2</sup>Osijek, Croatia; <sup>3</sup>Mostar, BiH):** Skull Bone Defect Repair by Additive Manufacturing of 3D Printed Modified Implant. A 3-case Report.

14:50-15:00 **Mirza Moranjkić (Tuzla, BiH):** Endovascular management of CNS AV malformations- neurosurgical perspective.

15:10-15:20 **Mirko Lapčić, Maja Veršić Bratinčević, Ivna Cvitković, Željko Bušić, Vlatko Ledenko, Željko Bučić Jr. (Split, Croatia):** Chronic subdural hematoma vs Warfarin – changing the paradigm.

15:20-15:25 Discussion

**15:25-15:40 Coffee Break**

#### **SESSION 5. YOUNG NEUROSURGEONS FORUM**

**Chairpersons: Bečulić H, Lakičević G, Moranjkić M, Omerhodžić I**

15:40-15:47 **Almir Džurlić (Sarajevo, BiH):** Glioblastoma: Diffuse brain disease and current trends in the diagnostic and management.

- 15:47-15:54 **Domagoj Gajski (Zagreb, Croatia):** Surgical anatomy of anterior cervical approach.
- 15:54-16:01 **Nevena Mahmutbegović, Selma Šabanagić-Hajrić, Enra Suljić (Sarajevo, BiH):** Prophylactic use of anticonvulsants in patients with primary and metastatic brain tumors.
- 16:01-16:08 **Adi Ahmetspahić, Eldin Burazerović, Ibrahim Omerhodžić, Salko Zahirović, Almir Džurlić (Sarajevo, BiH):** Surgical treatment of multiple intracranial aneurysms including bilateral.
- 16:08-16:15 **Dragan Janković<sup>1</sup>, Bruno Splavski<sup>2</sup>, Kenan Arnautović<sup>3</sup> (Rijeka, Zagreb, Croatia; Memphis, TN, USA):** Hemangioblastomas of the posterior cranial fossa in adults - A systematic review.
- 16:15-16:22 **Fahrudin Alić, Almir Džurlić, Eldin Burazerović, Rasim Skomorac, Hakija Bečulić, Aldin Jusić, Anes Mašović (Zenica, BiH):** The influence of early craniectomy and microsurgical treatment of ruptured MCA aneurysm on neurological recovery accompanied with extracranial complication.
- 16:22-16:29 **Lamija Karalić, Ibrahim Omerhodžić (Sarajevo, BiH):** Early rehabilitation improves neurofunctional outcome after surgery of spinal tumors.
- 16:29-16:36 **Mirko Lapčić, Ema Puizina, Ivna Cvitković, Željko Bušić Jr. (Split, Croatia):** Concussion and sport related concussion – regional centre experiences.
- 16:36-16:45 Discussion
- 16:45-17:00 Adjourn
- 20:00-22:00 Gala Dinner**