



SALKO ZAHIROVIC

Dr Mustafe Denislica 28

Sarajevo 71000

Bosnia and Herzegovina

Mobile +387 (0) 61 92 79 51

E-mail: salkozahirovic@gmail.com

PERSONAL INFORMATION

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| Title, degree | Board Certified Neurosurgeon |
| Citizenship | Bosnia and Herzegovina |
| Date and place of birth | Nov 1 st 1977, Lukavica Rijeka, Bosnia and Herzegovina |
| Gender | Male |

WORK EXPERIENCE

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| 2018 | Department of Neurosurgery, Clinical Center University of Sarajevo - Board Certified Neurosurgeon |
| 2012 (November) - | Department of Neurosurgery, Clinical Center University of Sarajevo – Resident in neurosurgery, Chief resident |
| 2012 - | Department of Neurosurgery, Clinical Center University of Sarajevo – Resident in neurosurgery |
| 2008-2012 | Department of Neurosurgery, Clinical Center University of Sarajevo – Medical doctor, resident physician |
| 2007-2008 | Department of Neurosurgery, Clinical Center University of Sarajevo – Medical doctor, internship - trainee |
| 2006-2007 | Department of Neurosurgery, Clinical Center University of Sarajevo – Student-volunteer |

GRADUATION

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| 2019 | Medical Faculty University of Sarajevo – Master of science (MSc) |
| 2018 | National board exam in neurosurgery |
| 2012 | Postgraduate study – Clinical sciences course |
| 2008 | Internship – License exam – Fully licensed medical doctor |
| 2007 | Medical Faculty University of Sarajevo – Medical doctor (MD) |

PROFESSIONAL EXPERIENCE

Neurosurgical training - international

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| 06/19 | Sarajevo, Bosnia and Herzegovina , Eleventh Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH) |
| 05/19 | Barcelona, Spain , WLNC 2019 – World Live Neurovascular Conference |
| 04/19 | Beijing, China , International Congress of Pituitary Adenoma |
| 04/19 | Beijing, China , International Congress of Neuroendoscopy |
| 04/19 | Beijing, China , Tiantan International Training Program for Neurosurgery Fellowship |

- 03/19 Budapest, **Hungary**, Pipeline Flex With Shield Technology Workshop
- 11/18 Ljubljana, **Slovenia**, Endovascular neurosurgery/Interventional neuroradiology Fellowship
- 09/18 Sarajevo, **Bosnia and Herzegovina**, Giants of Neurosurgery Symposium
- 04/18 Kobe, **Japan**, WLNC 2018 – World Live Neurovascular Conference
- 08/17 Seville, **Spain**, The European Association of Neurosurgical Societies (EANS) - The European training course in neurosurgery – completed 4 year cycle
- 08/17 Seville, **Spain**, The European Association of Neurosurgical Societies (EANS) - The European training course in neurosurgery (Vascular)
- 05/17 Los Angeles, CA, **USA**, WLNC 2017 – World Live Neurovascular Conference
- 03/17 Antalya, **Turkey**, International Basic Neurosurgery Course – completed 4 year cycle
- 03/17 Antalya, **Turkey**, International Basic Neurosurgery Course – Term II, Course II “Neuro – oncology”, a joint venture with the WFNS Neuro-Oncology Committee
- 10/16 Novi Sad, **Serbia**, 2nd Annual Meeting of Serbian Neurosurgical Society and 21st Congress of Euroacademia Multidisciplinaria Neurotraumatologica in conjunction with 5th Congress in the Danube Carpathian Region and Joint Meeting with Southeast Europe Neurosurgical Society – Controversies in Neurotraumatology
- 10/16 Berlin, **Germany**, The European Association of Neurosurgical Societies (EANS) - The European training course in neurosurgery (Spine and Peripheral Nerves)
- 05/16 Shanghai, **China**, WLNC 2016 – World Live Neurovascular Conference
- 12/15 Salzburg, **Austria**, 4 th Salzburg Hands-on Workshop on Microsurgical and Endovascular Techniques
- 10/15 Sarajevo, **Bosnia and Herzegovina**, 2nd Congress of Southeast European Neurosurgical Society
- 10/15 Sarajevo, **Bosnia and Herzegovina**, 2nd Congress of Southeast European Neurosurgical Society, Pre-Congress Educational Course: Live Cerebrovascular Neurosurgery Course, Leading neurosurgeon Prof. dr Juha Hernesniemi
- 10/15 Sarajevo, **Bosnia and Herzegovina**, 2nd Congress of Southeast European Neurosurgical Society, Pre-Congress Educational Course: Live Pediatric Neurosurgery Endoscopy Course, Leading neurosurgeon Prof. dr Memet Ozek
- 10/15 Istanbul, **Turkey**, Middle East Spine Society - Istanbul Spine Masters “Advanced Spine Course”.

- 09/15 Rome, **Italy**, WFNS - 15th Interim Meeting of the World Federation of Neurosurgical Societies.
- 08/15 Lisbon, **Portugal**, The European Association of Neurosurgical Societies (EANS) - The European training course in neurosurgery (Haed injury and Functional)
- 06/15 Chicago, IL, **USA**, WLNC 2015 – World Live Neurovascular Conference.
- 04-05/15 Beijing – Zhengzhou, **China**, 2015 Seminar on Technology of Diagnosis and Treatment of Cerebrovascular Disease for Developing Countries.
- 04/15 Beijing, **China**, The Planet Neurovascular – Anatomy course (PLANET2015).
- 04/15 Beijing, **China**, 12th China forum of cerebrovascular diseases (CFCVD2015).
- 11/14 Zagreb, **Croatia**, 1st SeENS Endoscopic Pituitary Surgery Workshop.
- 09/14 Nicosia, **Cyprus**, The European Association of Neurosurgical Societies (EANS) - The European training course in neurosurgery (Tumour).
- 03/14 Budapest, **Hungary**, International Neurotrauma Society meeting 2014
- 03/14 Antalya, **Turkey**, International Basic Neurosurgery Course – Term I, Course III “Spine & Peripheral Nerve Surgery”, a joint venture with Congress of Neurological Surgery.
- 11/13 Zagreb, **Croatia**, Medtronic Thoracolumbar Workshop, part II
- 10/13 Belgrade, **Serbia**, 1st Congress of Southeast European Neurosurgical Society
- 09/13 Salzburg, **Austria**, Weill Cornell University Seminar in Neurosurgery (AAF Grant)
- 05/13 Zagreb, **Croatia**, Medtronic Thoracolumbar Workshop, part I
- 03/13 Antalya, **Turkey**, International Basic Neurosurgery Course – Term I, Course II “Neuro – oncology”, a joint venture with the WFNS Neuro-Oncology Committee
- 05/12 Vienna, **Austria**, Instructional Workshop for Neuronavigation, Medical University of Vienna, Department of Neurosurgery (Mentorship by Chair Prof. Dr Engelbert Knosp and Prof. dr Stefan Wolfsberger)
- 10/08 Niš, **Serbia**, 11th Congress of Neurosurgeons of Serbia with International participation

Neurosurgical training – domestic

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| 06/18 | Jahorina, BiH, Tenth Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH) |
| 10/14 | Tuzla, BiH, Neurooncology symposium |
| 10/14 | Tuzla, BiH, Neurointerventional endovascular course |
| 05/14 | Bihac, BiH, Sixth Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium |
| 05/14 | Sarajevo, BiH, Sarajevo Symposium in Neurosurgery 2014 |
| 04/13 | Mostar, BiH, Fifth Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium |
| 05/12 | Sarajevo, BiH, Seminar on „Gamma Knife Radiosurgery and Movement Disorders Surgery“, Clinical Center University of Sarajevo, Prof. Dr Selcuk Peker |
| 04/12 | Sarajevo, BiH, Days of Bosnian- Herzegovinian American Academy of Arts and Sciences in BiH – 4th International Neurosurgical/Spinal Symposium |
| 10/11 | Zenica, BiH, Third Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium |
| 11/09 | Sarajevo, BiH, Endoscopic procedures in neurosurgery, Workshop (Mentorship by Prof. dr Memet Özek) |
| 11/15 | Sarajevo, Bosnia and Herzegovina, 2nd Congress of Pediatric Surgery of BiH with international participation |
| 03/15 | Sarajevo, Bosnia and Herzegovina, 1 st Conference on Medical and Biological Engineering in Bosnia and Herzegovina |
| 11/13 | Sarajevo, Bosnia and Herzegovina, SRS – Scoliosis Research Society, 1st SRS Regional Balkans Meeting |
| 05/13 | Sarajevo, Bosnia and Herzegovina, European Pediatric Neurology Society courses |
| 05/13 | Sarajevo, Bosnia and Herzegovina, 13th Pediatric summer school |
| 09/12 | Zenica, Bosnia and Herzegovina, International conference on trauma and injury prevention |
| 05/12 | Konjic, BiH, 4th Congress of Infectologists of Bosnia and Herzegovina |
| 10/11 | Konjic, Bosnia and Herzegovina, 3rd Congress Otorhinolaryngologists and Head and Neck Surgeons of |

**Postgraduate
medical
education**

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| 09/11 | Federation of Bosnia nad Herze govina Sarajevo, Bosnia and Herze govina, 7th Congress of the Balkan Association of Plastic, Reconstructive and Aesthetic Surgery |
| 11/10 | Tuzla, Bosnia and Herze govina, 2nd Congress of Surgeons of the Federation of Bosnia and Herze govina with International Participation |
| 09/10 | Sarajevo, Bosnia and Herze govina, 2nd symposium of intensive medicine with International Participation, Workshop |
| 05/08 | Sarajevo, Bosnia and Herze govina, 8th Pediatric summer school |
| 04/08 | Sarajevo, Bosnia and Herze govina, School of gastrointestinal endoscopy |

HONORS/AWARDS

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| 2019 | Eleventh Bosnian-Herze govinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Jahorina, BiH – Local host member |
| 2019 | Cerebrovascular Research and Education Foundation (CREF) – Educational grant for WLNC 2019. Barcelona, Spain |
| 2018 | Sarajevo, Bosnia and Herze govina, Giants of Neursurgery Symposium – Young neurosurgeons office |
| 2018 | Tenth Bosnian-Herze govinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Jahorina, BiH – Local host member |
| 2018 | Cerebrovascular Research and Education Foundation (CREF) – Educational grant for WLNC 2018. Kobe, Japan |
| 2017 | Cerebrovascular Research and Education Foundation (CREF) – Educational grant for WLNC 2017. Los Angeles, CA, USA |
| 2017 | International Basic Neurosurgery Course –Term II, Course II “Neuro – oncology”, a joint venture with the WFNS Neuro-Oncology Committee – Scholarship |
| 2016 | Cerebrovascular Research and Education Foundation (CREF) – Educational grant for WLNC 2016. Shanghai, China |
| 2016 | International Basic Neurosurgery Course – Term II, Course I “Neurotrauma and Functional Neurosurgery”, a joint venture with Congress of Neurological Surgery – Turkish |

- 2016 **Neurosurgical Society grant.**
Joint Meeting of the 12th International Conference of Cerebrovascular Surgery (ICCVS) & 1st Interim Meeting of Asian Australasian Society of Neurological Surgeons (AASNS)
- 2016 **Financial grant**
INTS 2016 Cape Town, South Africa **Travel Grant**
- 2015 2nd Congress of Southeast European Neurosurgical Society, Sarajevo 2015 - **Organizing Committee member.**
- 2015 2nd Congress of Southeast European Neurosurgical Society, Sarajevo 2015 – **Young Neurosurgeon Session (Chair).**
- 2015 Middle East Spine Society **Scholarship** for Istanbul Spine Masters “Advanced Spine Course” 2015
- 2015 Italian Society of Neurosurgery – **SINCH Educational grant** for WFNS - 15th Interim Meeting of the World Federation of Neurosurgical Societies
- 2015 Cerebrovascular Research and Education Foundation (CREF) – **Educational grant** for WLNC 2015, Chicago, IL, USA.
- 2015 12th China forum of cerebrovascular diseases (CFCVD2015) - Ministry of Commerce People’s Republic of China **Scholarship**
- 2015 The Planet Neurovascular – Anatomy course (PLANET2015) - Ministry of Commerce People’s Republic of China **Scholarship**
- 2015 “2015 Seminar on Technology of Diagnosis and Treatment of Cerebrovascular Disease for Developing Countries” - Ministry of Commerce People’s Republic of China **Scholarship**
- 2015 International Basic Neurosurgery Course –Term I, Course IV “Neurovascular surgery” - Turkish Neurosurgical Society **Scholarship**
- 2014 Sarajevo, BiH, Sarajevo Symposium in Neurosurgery 2014 - **Organizing Committee member**
- 2014 ITNS 2014 **Scholarship**
- 2014 International Basic Neurosurgery Course –Term I, Course III “Spine & Peripheral Nerve Surgery”, a joint venture with Congress of Neurological Surgery – Turkish Neurosurgical Society grant
- 2013 Weill-Cornel-Salzburg Seminar in neurosurgery, **Excellent case presentation** award
- 2013 Weill-Cornel-Salzburg Seminar in neurosurgery, American-Austrian Foundation grant
- 2013 International Basic Neurosurgery Course –Term I, Course II “Neuro – oncology”, a joint venture with the WFNS Neuro-Oncology Committee – Turkish Neurosurgical Society grant

PUBLICATIONS

In extenso publications in refereed journals

1. Hajdarpašić E, Džurlić A, Mahmutbegović N, **Zahirović S**, Ahmetspahić A, Arnautović K, Omerhodžić I. Sepsis Caused by Bacterial Colonization of Migrated Distal Ventriculoperitoneal Shunt Catheter into the Pulmonary Artery: A First Case Report and Literature Review. *World Neurosurgery*, Volume 126, June 2019, Pages 172-180.
2. Dizdarevic K, **Zahirovic S**, Omerhodzic I. Neurosurgical treatment of patients with intracranial tumours: consecutive series. *Medicinski zurnal* 2011; 17(2): 144-7 (Indexed in EMBASE, Scopus, etc.)

Abstracts in refereed journals

1. **Salko Zahirović**, Samir Avdaković, Feriha Hadžagić-Ćatibušić, Nedis Dautbašić, Maja Muftić-Dedović, Ibrahim Omerhodžić: Wavelet Transform as a Helpful Tool During EEG Analysis in Children with Epilepsy. *Acta Medica Academica* 2019; 48 (Suppl 1): 27. Original Research
2. Haso Sefo, Adi Ahmetspahić, Edin Hajdarpašić, **Salko Zahirović**: Posterolateral microdiscectomy in cervical disc hernias. The 7th Congress of Physical and Rehabilitation Medicine of Bosnia and Herzegovina with international participation, September 27-30, 2018. Tuzla, Bosnia and Herzegovina. *Acta Medica Saliniana* 2018; 48 (Suppl.): 120
3. Ibrahim Omerhodzic, Eldin Burazerovic, **Salko Zahirovic**, Almir Dzurlic, Adi Ahmetspahic: Filum Terminale and Conus Medullaris Ependymoma. The 16th World Congress of Neurosurgery, August 20-25, 2017. Istanbul, Turkey. *Turkish Neurosurgery*, September 2017; 27 (suppl.) – OP-SP.01-08.
4. **S. Zahirovic**, E.Tahto, I. Omerhodzic: Diffuse axonal injury in Bosnia and Herzegovina – single center experience. The 12th Symposium of the International Neurotrauma Society, February 1–4, 2016. Cape Town, South Africa. *Journal of Neurotrauma*. February 1, 2016; 33: Issue 3: A-1–A-40: A36 – A37.
5. **Zahirovic Salko**, Burazerovic Eldin, Dzurlic Almir, Hasanagic Avdulah, Tahto Ema, Hodzic Haris, Omerhodzic Ibrahim: Diffuse Axonal Injury - Incidence and Outcome. 2nd Congress of

- Southeast European Neurosurgical Society, October 22-25, 2015. Sarajevo, Bosnia and Herzegovina. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2015; 76 – A095.
6. **Salko Zahirovic**, Smail Zubcevic, Samir Avdakovic, Nediz Dautbasic, Maja Muftic Dedovic: Analysis of Electroencephalogram Report Using the Wavelet Transform. 2nd Congress of Southeast European Neurosurgical Society, October 22-25, 2015. Sarajevo, Bosnia and Herzegovina. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2015; 76 – A094.
 7. A. Hasanagic, **S. Zahirovic**, M. Barucija, D. Lisica: CNS Tumors in Children: Experiences in Department of Neurosurgery UCCS. 2nd Congress of Southeast European Neurosurgical Society, October 22-25, 2015. Sarajevo, Bosnia and Herzegovina. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2015; 76 – A055.
 8. Adi Ahmetpahic, Ibrahim Omerhodzic, **Salko Zahirovic**, Anes Masovic, Almir Dzurlic, Lejla Dreca, Edin Avdagic, Deniz Bulja: Chiari Type II Malformation: Timing for the Treatment and Surgical Technique. 2nd Congress of Southeast European Neurosurgical Society, October 22-25, 2015. Sarajevo, Bosnia and Herzegovina. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2015; 76 – A029.
 9. Ibrahim Omerhodžić, Eldin Burazerović, **Salko Zahirović**, Almir Džurlić, Adi Ahmetpahić, Dino Lisica, Anes Mašović, Vildana Huskić, Azra Kadić, Bekir Rovčanin: Vertical Incision and Keyhole Craniotomy in Supratentorial Tumor Surgery. 2nd Congress of Southeast European Neurosurgical Society, October 22-25, 2015. Sarajevo, Bosnia and Herzegovina. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2015; 76 – A018.
 10. Ibrahim Omerhodzic, Adi Ahmetpahic, **Salko Zahirovic**, Kresimir Rotim, Kenan Arnautovic: Decompressive Craniectomy vs Hinge Craniotomy in Patients with Severe Traumatic Brain Injury – a prospective study. The 11th Symposium of the International Neurotrauma Society, March 19–23, 2014. Budapest, Hungary. *Journal of Neurotrauma*. March 1, 2014, 31(5): A38.
 11. Ibrahim Omerhodzic, Hajra Maksic, Meliha Cengic - Hadzovic, Edin Avdagic, Bilal Imsirovic, **Salko Zahirovic**, Hassan Al Qoud, Emina Selimovic, Nada Koluder-Cimic: Treatment of VRE Meningitis in a Four – month – Old Infant with Intraventricular Tobramycin Application. 4th Congress of Infectologists of Bosnia and Herzegovina, Konjic, Bosnia and Herzegovina, May 30th-June 2nd, 2012. *Materia socio medica, Journal of the Academy of Medical Sciences of Bosnia and Herzegovina* 2012; 24 (2, suppl.1): 29.
 12. Omerhodžić I, **Zahirović S**, Dizdarević D, Efendić R, Merhemić Z, Imširović B. Surgical care of anterior skull base defects. 3rd Congress Otorhinolaryngologists and Head and Neck Surgeons of Federation of Bosnia nad Herzegovina., Konjic, Oct. 6th-8th 2011. *Acta Medica Saliniana* 2011; 40 (Suppl.2): 39

Book chapters

1. **Salko Zahirović**, Nedis Dautbašić, Maja Muftić Dedović, Smail Zubčević and Samir Avdaković (2017). Analysis of Electroencephalogram on Children with Epilepsy Using Global Wavelet Spectrum. Lecture Notes in Networks and Systems, Volume 3. Advanced Technologies, Systems, and Applications,

PRESENTATIONS

1. **Salko Zahirović**: Lumbar Spinal Stenosis Surgery (Without instrumentation). 1st Bosnia and Herzegovina – Turkiye spine surgery meeting. Sarajevo, Bosnia and Herzegovina. December 21, 2019.
2. **Salko Zahirović**, Almir Džurlić, Haso Sefo, Adi Ahmetpahić, Edin Hajdarpašić, Mersad Baručija: Subdural Evacuating Port System (SEPS)- Our First Experience in the Management of Chronic Subdural Hematomas. 11th Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Sarajevo, Bosnia and Herzegovina, June 22, 2019.
3. Almir Džurlić, **Salko Zahirović**, Ibrahim Omerhodžić, Haso Sefo, Eldin Burazerović, Adi Ahmetpahić, Dino Lisica, Walid Sarmini: Double AV Malformation in a Patient with MS - case report. 11th Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Sarajevo, Bosnia and Herzegovina, June 22, 2019.
4. Haso Sefo, Adi Ahmetpahić, Edin Hajdarpašić, **Salko Zahirović**: Posterolateral microdiscectomy in cervical disc hernias. The 7th Congress of Physical and Rehabilitation Medicine of Bosnia and Herzegovina with international participation, Tuzla, Bosnia and Herzegovina, September 27-30, 2018.
5. **Salko Zahirović**: Case presenter. Meet the Giants – live discussion session: Al-Mefty, Boop, de Oliveira, Krisht. Giants of Neurosurgery Symposium, Sarajevo, Bosnia and Herzegovina, September 24-26, 2018.
6. Haso Sefo, Adi Ahmetpahić, Edin Hajdarpašić, **Salko Zahirović**: Posterolateral approach for cervical disc herniations. 10th Bosnian-Herzegovinian American Academy of Arts and Sciences, Days in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Jahorina, Bosnia and Herzegovina, June 23, 2018.
7. Adi Ahmetpahić, Eldin Burazerović, Ibrahim Omerhodžić, **Salko Zahirović**, Almir Džurlić : Surgical treatment of multiple intracranial aneurysms including bilateral. 10th days of Bosnian-Herzegovinian American Academy of Arts and Sciences in B&H – Neurosurgical and Spinal Surgery Symposium, Joint meeting with Southeast Europe Neurosurgical Society (SeENS) and Association of Neurosurgeons in B&H (UNUBIH), Jahorina, Bosnia and Herzegovina, June 23, 2018.

8. **Salko Zahirović**, Nedis Dautbašić, Maja Muftić Dedović, Samir Avdaković, Ibrahim Omerhodzic: Children with Epilepsy and EEG Analysis Using Wavelet Transform. The International Symposium on Robotics and Biomedical Engineering - ISRBE, 10th days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, Jahorina, Bosnia and Herzegovina, June 23, 2018.
9. Ibrahim Omerhodzic, Almir Dzurlic, **Salko Zahirovic**, Adi Ahmetspahic, Dino Lisica, Bekir Rovcanin: Spinal Cord Ependymoma Surgery. 3rd Congress of Southeast Europe Neurosurgical Society in conjunction with the 43rd Congress of the Romanian Neurosurgical Society, Cluj-Napoca, Romania, September 14-16, 2017. Abstract book, pp. 47-48.
10. Adi Ahmetspahic, Ibrahim Omerhodzic, Edin Hajdarpasic, **Salko Zahirovic**, Almir Dzurlic, Kenan Arnautovic: Four levels ACDF for multiple level degenerative disc disease: safe and routine surgical procedure. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 9th International Neurosurgical/Spinal Symposium, Teslic, Bosnia and Herzegovina, May 27, 2017.
11. Ibrahim Omerhodžić, **Salko Zahirović**, Almir Džurlić, Adi Ahmetspahić, Dino Lisica, Bekir Rovčanin, Eldin Burazerović: Surgical approaches to rare cases of posterior fossa lesions. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 9th International Neurosurgical/Spinal Symposium, Teslic, Bosnia and Herzegovina, May 27, 2017.
12. Almir Džurlić, Ibrahim Omerhodžić, Eldin Burazerović, Avdulah Hasanagić, Adi Ahmetspahić, **Salko Zahirović**, Dino Lisica, Anes Mašović, Mersad Baručija, Edin Hajdarpašić: Surgical Treatment of Intradural Spinal Tumors. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 8th International Neurosurgical/Spinal Symposium, Neum, Bosnia and Herzegovina, May 26-29, 2016.
13. Adi Ahmetspahić, Ibrahim Omerhodžić, Eldin Burazerović, Avdulah Hasanagić, Alija Čeljo, Mersad Baručija, Almir Džurlić, **Salko Zahirović**, Dino Lisica, Anes Mašović: Management of Skull Base Meningiomas in University Clinical Center of Sarajevo. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 8th International Neurosurgical/Spinal Symposium, Neum, Bosnia and Herzegovina, May 26-29, 2016.
14. Ibrahim Omerhodžić, **Salko Zahirović**, Almir Džurlić, Adi Ahmetspahić, Dino Lisica, Anes Mašović: Bilateral Falx Meningiomas. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 8th International Neurosurgical/Spinal Symposium, Neum, Bosnia and Herzegovina, May 26-29, 2016.
15. **Salko Zahirović**, Nedis Dautbašić, Maja Muftić Dedović, Samir Avdaković: Analysis of Electroencephalogram in Children with Epilepsy Using Global Wavelet Spectrum. International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies (IAT), Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, Neum, Bosnia and Herzegovina, May 26-29, 2016.

16. Eldin Burazerovic, **Salko Zahirovic**, Alija Celjo, Adi Ahmetspahic: Mirror Intracranial Aneurysms: Treatment Options. The 11 Asian Congress of Neurological Surgeons (ACNS) 2016 in conjunction with The 21st Annual Scientific Meeting of Indonesian Society of Neurological Surgeons (PERSPEBSI), March 8-12, 2016. Surabaya, Indonesia. Abstract book, pp. 171.
17. Eldin Burazerović, Ibrahim Omerhodžić, Almir Džurlić, **Salko Zahirović**, Adi Ahmetspahić: Surgical Options For Different Types of Craniosynostosis. 2nd Congress of Pediatric Surgery of BiH with international participation, Sarajevo, Bosnia and Herzegovina, November 19-20, 2015.
18. **Zahirovic Salko**, Burazerovic Eldin, Dzurlic Almir, Hasanagic Avdulah, Tahto Ema, Hodzic Haris, Omerhodzic Ibrahim: Diffuse Axonal Injury - Incidence and Outcome. 2nd Congress of Southeast European Neurosurgical Society, Sarajevo, Bosnia and Herzegovina, October 22-25, 2015.
19. **Salko Zahirovic**, Smail Zubcevic, Samir Avdakovic, Nedis Dautbasic, Maja Muftic Dedovic: Analysis of Electroencephalogram Report Using the Wavelet Transform. 2nd Congress of Southeast European Neurosurgical Society, Sarajevo, Bosnia and Herzegovina, October 22-25, 2015.
20. A. Hasanagic, **S. Zahirovic**, M. Barucija, D. Lisica: CNS Tumors in Children: Experiences in Department of Neurosurgery UCCS. 2nd Congress of Southeast European Neurosurgical Society, Sarajevo, Bosnia and Herzegovina, October 22-25, 2015.
21. Adi Ahmetspahic, Ibrahim Omerhodzic, **Salko Zahirovic**, Anes Masovic, Almir Dzurlic, Lejla Dreca, Edin Avdagic, Deniz Bulja: Chiari Type II Malformation: Timing for the Treatment and Surgical Technique. 2nd Congress of Southeast European Neurosurgical Society, Sarajevo, Bosnia and Herzegovina, October 22-25, 2015.
22. Ibrahim Omerhodžić, Eldin Burazerović, **Salko Zahirović**, Almir Džurlić, Adi Ahmetspahić, Dino Lisica, Anes Mašović, Vildana Huskić, Azra Kadić, Bekir Rovčanin: Vertical Incision and Keyhole Craniotomy in Supratentorial Tumor Surgery. 2nd Congress of Southeast European Neurosurgical Society, Sarajevo, Bosnia and Herzegovina, October 22-25, 2015.
23. I. Omerhodžić, **S. Zahirović**, S. Avdaković, H. Hodžić, A. Vardo, M. Bišćević, S. Drnda, A. Adilović, A. Badnjević: Analysis of signals collected by intraoperative neuromonitoring procedure during the neurosurgical operation of patients with complex intramedullary spinal cord tumors. 1st Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina, March 13-15, 2015.
24. Ibrahim Omerhodzic, Eldin Burazerovic, **Salko Zahirovic**, Almir Dzurlic: Vertical incision in supratentorial tumor surgery: indications, technique and results. International Neurooncology Symposium, Tuzla, Bosnia and Herzegovina, October 23-24, 2014.
25. Avdulah Hasanagić, **Salko Zahirović**, Arnela Mujagić: Incidence of Primary CNS Lymphoma at the Sarajevo Department of neurosurgery. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 6th International Neurosurgical/Spinal Symposium, Bihac, Bosnia and Herzegovina, May 21-24, 2014.

26. Mersad Baručija, Alija Čeljo, **Salko Zahirović**: Interspinous distraction as option of treatment of the moderate lumbar spinal stenosis. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 6th International Neurosurgical/Spinal Symposium, Bihac, Bosnia and Herzegovina, May 21-24, 2014.
27. Eldin Burazerović, **Salko Zahirović**, Mirsada Čustović: Surgical treatment of pericallosal aneurysm. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 6th International Neurosurgical/Spinal Symposium, Bihac, Bosnia and Herzegovina, May 21-24, 2014.
28. Almir Džurlić, Ibrahim Omerhodžić, Adi Ahmetpahić, **Salko Zahirović**, Lejla Dreca, Jasmina Brahimi: Vertical incision in brain tumor surgery. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 6th International Neurosurgical/Spinal Symposium, Bihac, Bosnia and Herzegovina, May 21-24, 2014.
29. Adi Ahmetpahić, Ibrahim Omerhodžić, Senad Drnda, Mirza Bišćević, Almir Džurlić, Eldin Burazerović, **Salko Zahirović**, Maida Nikšić, Elma Kovač: Sarajevo experience with neuromonitoring. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 6th International Neurosurgical/Spinal Symposium, Bihac, Bosnia and Herzegovina, May 21-24, 2014.
30. Ibrahim Omerhodžić, Adi Ahmetpahić, **Salko Zahirović**, Kresimir Rotim, Kenan Arnautović: Decompressive Craniectomy vs Hinge Craniotomy in Patients with Severe Traumatic Brain Injury – a prospective study. The 11th Symposium of the International Neurotrauma Society, Budapest, Hungary, March 19–23, 2014.
31. Almir Džurlić, Ibrahim Omerhodžić, **Salko Zahirović**, Adi Ahmetpahić: Pediatric trauma in Bosnia and Herzegovina: the current status and guidelines for management. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 5th International Neurosurgical/Spinal Symposium, Mostar, Bosnia and Herzegovina, April 25-27, 2013.
32. **Salko Zahirović**, Ibrahim Omerhodžić, Eldin Burazerović, Avdulah Hasanagić, Almir Džurlić, Adi Ahmetpahić: Cerebral aneurysms and ABO blood groups – is there any association between? Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 5th International Neurosurgical/Spinal Symposium, Mostar, Bosnia and Herzegovina, April 25-27, 2013.
33. Adi Ahmetpahić, Ibrahim Omerhodžić, Avdulah Hasanagić, Eldin Burazerović, Almir Džurlić, **Salko Zahirović**, Edin Hajdarpašić, Hassan Al Qoud, Mersad Baručija, Alija Čeljo, MD: First experience with Stealth Station neuronavigation system in Bosnia: indications, accuracy and results. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 5th International Neurosurgical/Spinal Symposium, Mostar, Bosnia and Herzegovina, April 25-27, 2013.
34. Ibrahim Omerhodžić, **Salko Zahirović**, Almir Džurlić, Adi Ahmetpahić: Head trauma in pediatric population: diagnosis, treatment and prognosis. International conference on trauma and injury prevention, Zenica, Bosnia and Herzegovina, September 5-8, 2012. Abstract book,

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35. Edin Hajdarpašić, Ibrahim Omerhodžić, Hassan Al Qoud, **Salko Zahirović**, Almir Džurlić, Adi Ahmetspahić: ACDF new implants in market and operative technique update. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 4th International Neurosurgical/Spinal Symposium, Sarajevo, Bosnia and Herzegovina, April 18-20, 2012.
36. Eldin Burazerović, **Salko Zahirović**: Temporary arterial clipping in acute aneurysm surgery: Risk and benefits. Days of Bosnian – Herzegovinian American Academy of Arts and Sciences in Bosnia and Herzegovina, 4th International Neurosurgical/Spinal Symposium, Sarajevo, Bosnia and Herzegovina, April 18-20, 2012.
37. Omerhodžić I., Dizdarević K., Hajdarpašić E., **Zahirović S.**, Suljagić E.: Reconstruction of a dural and skull defects – technique, results and pitfalls. 7th Congress of the Balkan Association of Plastic, Reconstructive and Aesthetic Surgery, Sarajevo, Bosnia and Herzegovina, September 14 – 17, 2011. Abstract book, pp. 95.
38. Omerhodžić I., Burazerović E., **Zahirović S.**, Djedović M., Jakirlić M., Kominlija E., Vuković S.: Perioperative treatment of severe (neuro)surgical patient. II Congress of Surgery of the Federation of Bosnia and Herzegovina with International Participation, Tuzla, Bosnia and Herzegovina, November 4-6, 2010. Book of abstracts, pp. 231.
39. Dizdarević K., Omerhodžić I., **Zahirović S.**: Microsurgery of intracranial tumors: operative approaches, tumor histology and treatment outcome- II Congress of Surgery of the Federation of Bosnia and Herzegovina with International Participation, Tuzla, Bosnia and Herzegovina, November 4-6, 2010. Book of abstracts, pp. 225.
40. Omerhodžić I., Dizdarević K., **Zahirović S.**, Kominlija E., Vuković S., Jahić B., Ćustović-Bejtić E.: Cerebralna mikrodijaliza i ICP monitoring u neurohirurškoj intenzivnoj jedinici. 11th Congress of Neurosurgeons of Serbia with international participation, Niš, Serbia, October 8-11, 2008. Abstract book, pp. 32.

LANGUAGE

- Bosnian/Croatian/Serbian (native)
- English (fluent)
- German, Russian and South-Eastern European languages (understand)
- Can work with Cyrillic script

COMPUTER SKILLS

- Microsoft Word, Microsoft Power Point, Microsoft Excel, SPSS, Corel, etc.

CURRENT INTERESTS

- Cerebrovascular neurosurgery
- Endovascular neurosurgery
- Neuro-oncology
- Intensive care in neurosurgery
- Severe TBI treatment
- Spine surgery
- Stereotactic and functional neurosurgery

PROFESSIONAL MEMBERSHIPS

- The European Association of Neurosurgical Societies (2014)
- Southeast Europe Neurosurgical Society SeENS (2013)
- The Association of Neurosurgeons in Bosnia and Herzegovina (2013)
- Canton Sarajevo Chamber of Physicians
- International Federation of Medical and Biological Engineering
- Bosnia and Herzegovina Medical and Biological Engineering Society

HOBBIES

- Football
- Tennis
- Bowling
- Swimming

