



Euroacademia Multidisciplinaria
Neurotraumatologica

Serbian Neurosurgical Society and Euroacademia Multidisciplinaria Neurotraumatologica
have the pleasure to announce

2nd Annual Meeting of
Serbian Neurosurgical Society
SNSS Annual meeting 2016

in Conjunction with



Joint Meeting with
South East Europe
Neurosurgical Society

21st Congress of Euroacademia
Multidisciplinaria
Neurotraumatologica

5th Congress in the
Danube-Carpathian Region

**THIRD ANNOUNCEMENT &
PRELIMINARY PROGRAMME**

Under the auspice of the President of the Republic of Serbia H. E. Mr Tomislav Nikolić

Endorsed by

Ministry of health of the Republic of Serbia
Government of the Autonomous Province of Vojvodina
Serbian Academy of Sciences and Arts
University of Novi Sad
Medical Faculty University of Novi Sad
Clinical Center of Vojvodina
Physicians Association of Vojvodina

CONTROVERSIES IN NEUROTRAUMATOLOGY

Hosted and organized by Serbian Neurosurgical Society
and South East Europe Neurosurgical Society

20-22.10.2016. Master centar, Novi Sad, Serbia

The Congress is accredited by the Health Council of the Republic of Serbia as an International Congress, decision No.: 153-02-2768/2016-01 dated on August 18th 2016, document number A-1-1811/16. The Nurses Symposium is accredited by the Health Council of the Republic of Serbia as an National Symposium, decision No.: 153-02-2768/2016-01 dated on August 18th 2016, document number A-1-948/16.



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The Congress is accredited by the Health Council of the Republic of Serbia as an **International Congress**, decision No.: 153-02-2768/2016-01 dated on August 18th 2016, document number A-1-1811/16, with the following number of points:

Lecturers:	15 points
Oral presentations:	13 points
Poster presentations:	11 points
Passive participation:	10 points
Oral and poster presentations coauthors:	0,5 points
(maximum 3 coauthors)	

The Nurses Symposium is accredited by the Health Council of the Republic of Serbia as an **National Symposium**, decision No.: 153-02-2768/2016-01 dated on August 18th 2016, document number A-1-948/16, with the following number of points:

Lecturers:	8 points
Oral presentations:	7 points
Poster presentations:	5 points
Passive participation:	4 points



Organizers

- Serbian Neurosurgical Society
- Euroacademia Multidisciplinaria Neurotraumatologica
- Danube Carpathian region
- South East Europe Neurosurgical Society

Welcome addresses

Dear colleagues and friends,

It is my privilege, honour and pleasure to invite you to take part in the exciting journey of discovery at the **Second Annual Meeting of the Serbian Neurosurgical Society** conjoined with the **21st Congress of Euroacademia Multidisciplinaria Neurotraumatologica**, the **5th Danube Carpathian Region Congress** and **Joint Meeting with Southeast European Neurosurgical Society**, to be held in **Novi Sad, Serbia, October 20-22, 2016**.

Leaning upon the strong foundations of tradition and experience and following contemporary professional accomplishments, trends and innovations, all of us strive for neurosurgery and neuroscience without frontiers and aim at building bridges of knowledge and understanding across disciplines, institutions, individuals and generations.

In pursuit of enhancing knowledge, sharing and support through borderless cooperation, this unique interdisciplinary event focuses on one all-important and everlasting theme – **CONTROVERSIES IN NEUROTRAUMATOLOGY** – with the aim of bringing our fields of expertise closer in a true scholarly dialogue for the advancement of humanity within constant medical care for all our patients, particularly with head, spinal and peripheral nerve injuries starting at the site of the accident up to reintegration of patients into the society and their occupation following successful rehabilitation.

We are delighted to announce as the keynote speakers and faculties distinguished experts of all aspects in the field of neurotraumatology worldwide. The academic programme will be centred around the following thematic strands from basic considerations and research up to rehabilitation and quality of life:

- Craniocerebral injuries
- Spinal injuries
- Peripheral nerve injuries

Continuing the good practice established at The First Annual Meeting of the Serbian Neurosurgical Society held in Belgrade in 2015, we are pleased to announce the annual **Serbian Neurosurgical Society Best Young Neurosurgeon Paper Award** for 2016, this time with international participation. Eligible for the award are scientific papers by young neurosurgeons from Serbia and abroad (up to 40 years of age). The papers submitted for the award will be presented by their authors and assessed by a jury of national and international experts. The award is Full Participation in WFNS Congress. EMN will provide awards for 5 best abstracts in the Young neuroscientist contest, selected by EMN Scientific Committee.

We are also pleased to announce Young Neurosurgeons' Forum as a special segment of the academic programme of the Congress.

Remaining dedicated to our long-term aim of building bridges of knowledge and understanding across disciplines, institutions, individuals and generations, always keeping in mind that the essence of our profession is above all the well-being of every individual patient, we look forward to further scientific, professional, academic, educational and social networking and exchange of expertise, experience and ideas.

You are welcome in Novi Sad, exciting city, with rich tradition and turbulent history, well known as midpoint of cultures and religions, multinational, multicultural and multiconfessional city with notable influence in science, culture and art of Southeast Europe. We are convinced that each of you will have memorable scientific and social moments in Novi Sad.

Prof. dr Lukas Rasulić

Lukas Rasulić

SNSS President

SeENS Vice President

Honorary President of the Congress



Distinguished Colleagues,

As President of **EMN**, I have the distinct honor of welcoming you to the **21st EMN Congress**, organized here in conjunction with the **2nd Annual Meeting of the Serbian Neurosurgical Society**. We are also pleased to continue the tradition of the **Congress in the Danube-Carpathian Region** with its **5th edition** under the auspices of **SeENS**, an initiative that we have set in motion 10 years ago, with the purpose of further growing our regional collaboration.

Organizing this joint meeting with an encompassing topic, **“Controversies in Neurotraumatology”** in Novi Sad, a multicultural and multiconfessional city, situated on the Danube shore has countless advantages. Not only does it have a symbolic value, as the Danube works as a liaison between nations, disseminating history, art and culture from its springs right upto its river mouths in the Black Sea, but it also fully respects all the values which EMN stands for: multidisciplinary, cooperation, friendship.

The remarkable interest this scientific event has stirred, the impressive participation and the topics that will be tackled, allow us to believe that we are going to take part in a certainly successful event.

Therefore, I must extend our gratitude towards the local organizing committee, enthusiast, hard-working, dedicated people who have ensured excellent venues for the unraveling of an unique scientific and social event in European neurotraumatology.

I am looking forward to meeting you all at the Congress in Novi Sad, where we will have the opportunity not only to enrich our knowledge in the distinctly complex field of neurotraumatology, but also to create new networks and friendships.

Prof. dr Ioan Stefan Florian
EMN President
Honorary President of the Congress



Dear Colleagues,

The **Southeast Europe Neurosurgical Society** is proud to be co-organizer and has the pleasure and honor to invite You to the **21th Congress of the Euroacademia Multidisciplinaria Neurotraumatologica (EMN)**, the **5th Danube Carpathian region Congress** and **2nd Annual meeting of the Serbian Neurosurgical Society** in Novi Sad, **October 20-22 2016**.

The scope of this Joint Congress named Controversies in neurotraumatology is the medical care for the patients with head and spinal injuries, starting at the site of the accident to reintegration of patients into the society and into their occupation following successful rehabilitation.

This issue can only be solved within the scope of scientific, multidisciplinary dialogue and mutual professional cooperation. The congress topics will reflect the rapid development and continuous breakthrough in the field of neurotraumatology.

This Congress is going to take place in the beautiful city of Novi Sad that offers so many attractions to visit in order to strengthen our friendship and exchange experience during the social events.

We are looking forward to welcome you in Novi Sad.

Sincerely,

Professor Kresimir Rotim
SeENS President
Honorary President of the Congress



Dear colleagues and friends,

We are privileged to have opportunity to organize an international conjoined event in the field of neurotraumatology that is evolving and globally relevant in many aspects.

Controversies in Neurotraumatology will be international meeting of medical professionals leading the research in brain, spinal cord and peripheral nerves injury, from the basic sciences over translational research to clinical application and everything else in between.

The congress program will include opening lecture, Klaus von Wild lecture and plenary lectures by invited speakers, presentation of accepted papers and session for young investigators in neurotrauma science.

We are excited and proud to host the Controversies in Neurotraumatology in Novi Sad, Serbia in October 2016. Join us to make this event the best possible, to provide cutting edge science, learn from each other, and give yourself the opportunity to build friendships and foster international collaboration. What we can promise you are unforgettable social events and traditional Serbian hospitality which could transform this scientific meeting into once in a lifetime experience.

Judging by archaeological findings, Novi Sad has been a good place to live in for five thousand years already. Novi Sad is currently a cultural, economic, political and administrative center of Vojvodina (Autonomous Province of Serbia), modern university city that has grown on the tradition of continuity of cultural development. Together with you, we would like to put Novi Sad this autumn on the map of modern neurotraumatology community.

Welcome,

Prof. Dr. Petar Vuleković MD, PhD



President of the Organizing Committee

Head of Clinic of Neurosurgery

Clinical Center of Vojvodina, Novi Sad, Serbia



Honorary Presidents of Congress



Prof. dr Ioan Stefan Florian
President, EMN



Prof. dr Krešimir Rotim
President, SeENS



Prof. dr Lukas Rasulić
President SNSS

Organizing Committee



Prof. dr Petar Vuleković
President



Prof. dr Tomislav Cigić
Vice President



Asist. dr Đula Đilvesi
Secretary



Asist. dr Mladen Karan
Cashier

Scientific committee

Professor Robert Riener, MD, PhD, Zürich, Switzerland - President

Professor Klaus von Wild, MD, PhD, Munster, Germany

Professor Ioan Stefan Florian, MD, PhD, Cluj, Romania

Professor Ulrich Kunz, MD, PhD, Ulm, Germany

Professor Branko Đurović, MD, PhD, Belgrade, Serbia

Professor Sanja Stojanović, MD, PhD, Novi Sad, Serbia

Professor David Mendelow, MD, PhD, Newcastle, UK

Professor Alexander Potapov, MD, PhD, St. Petersburg, Russia

Professor Jean-Luc Truelle, MD, PhD, Paris, France

Faculty

Acar Feridun, Turkey
Andelić Nada, Norway
Andreev Alexander, Ukraine
Andreou Alexandros, Greece
Arcadio Perilla Cepeda Tito, Columbia
Arnautović Kenan, USA
Banczerowski Peter, Hungary
Biloshytsky Vadym, Ukraine
Božić Boris, Croatia
Buki Andras, Hungary
Caparoski Aleksandar, Macedonia
Ciurea Alexandru-Vlad, Romania
Czernicki Zbigniew, Poland
De Reuck Jacques, Belgium
Delitala Alberto, Italy
Demetriades Andreas, UK
Devečerski Gordana, Serbia
Diemath Hans Erich, Austria
Đurašković Slavko, Montenegro
Enchev Yavor, Bulgaria
Filipče Venko, Macedonia
Florian Ioan Stefan, Romania
Foroglou Nicolas, Greece
Fountas Konstantinos, Greece
Gabrovsky Nikolay, Bulgaria
Grotenhuis Andre, Nederland
Hodžić Mirsad, BiH
Horia Ples, Romania
Huk Andriy, Ukraine
Hutchinson Peter, UK
Iacoangeli Maurizio, Italy
Klamroth-Marganska Verena, Switzerland
Kolić Zlatko, Croatia
Kolundžija Ksenija, Serbia
Kopnitzky Zsolt, Hungary
Kozić Duško, Serbia
Kunz Ulrich, Germany
Lafuente Jesus, Spain
León-Carrión José, Spain

Likhterman Leonid, Russia
Lubillo Santiago, Spain
Maas Andrew, Belgium
Masahiro Okuma, Japan
Mauer Uve Max, Germany
Meixensberger Jurgen, Germany
Michalakis Spyrou, Cyprus
Milaković Branko, Serbia
Olldashi Fatos, Albania
Omerhodžić Ibrahim, BiH
Paterno Vincenzo, Germany
Rasulić Lukas, Serbia
Rotim Krešimir, Croatia
Saftić Robert, Croatia
Sajko Tomislav, Croatia
Samii Amir, Germany
Samii Madjid, Germany
Selviaridis Panagiotis, Greece
Servadei Franco, Italy
Solaroglu Ihsan, Turkey
Splavski Bruno, Croatia
Steudel Wolf Ingo, Germany
Stojanović Nebojša, Serbia
Stojanović Sanja, Serbia
Tomasello Francesco, Italy
Truelle Jean-Luc, France
Unterberg Andreas, Germany
Velinov Nikolay, Bulgaria
Vester Johannes, Germany
Vicković Sanja, Serbia
Vitanović Dušan, Hungary
Voršič Matjaž, Slovenia
Vukić Miroslav, Croatia
Vuleković Petar, Serbia
Winkler Peter, Austria
Zaytsev Oleg, Russia

Special guest: M. Remzi Sanver

CNRS, LAMSADE, Université
Paris Dauphine, Paris, France
*"Thoughts on social sciences
and the brain"*

PRELIMINARY PROGRAMME

Wednesday, October 19th

20.00–22.00 **Welcome faculty reception**

Thursday, October 20th

07.00 **Registration**

08.00–09.00 **Opening Ceremony**

Lukas Rasulic, SNSS President
Tomislav Nikolic, President of the Republic of Serbia
Zlatibor Loncar, Minister of Health of the Republic of Serbia
Igor Mirovic, President of Government of the Autonomous Province of Vojvodina
Zoran Gojkovic, Secretary of Health Autonomous Province of Vojvodina
Vladimir Kostic, President of the Serbian Academy of Sciences and Arts
Dusan Nikolic, Rector of the University of Novi Sad
Snezana Brkic, Dean of the Medical Faculty
Ivan Levakov, Director of the Clinical Center of Vojvodina
Dragan Dankuc, President of the Physicians Association of Vojvodina
Ioan Stefan Florian, EMN President
Kresimir Rotim, SeENS President
Petar Vulekovic, OC President

Hall 1

KEY NOTE LECTURES

09.00–09.20 **Milivoje Kostic lecture**
Management of traumatic brachial plexus injury
Madjid Samii, Germany
INTRO Lukas Rasulic

09.20–09.40 **Medico–legal aspects of alleged traumatic disc herniation**
Andre Grotenhuis, Nederland
INTRO Kresimir Rotim

09.40–10.00 **New directions in TBI research**
Andrew Maas, Belgium
INTRO Petar Vulekovic

10.00–10.20 **Multimodal Neuromonitoring: Possibilities and Impact on treatment of severe TBI patients**
Jurgen Meixensberger, Germany
INTRO Tomislav Sajko

10.20–10.30 *Coffee break*

Hall 1

Special guest lecture

10.30–10.50 **Thoughts on social sciences and the brain**
Remzi Sanver, France
INTRO Lukas Rasulic

Hall 1

PLENARY SESSION 1

Moderators: Kresimir Rotim, Petar Vulekovic, Lukas Rasulic

- | | |
|-------------|---|
| 10.50–11.05 | The Organization of the Emergency Response System in Romania
Dr. Raed Arafat, Secretary of State at the Ministry of Internal Affairs, Romania |
| 11.05–11.20 | Decompressive Craniectomy – Why we still perform it after the DECRA trial?
Ioan Stefan Florian, Romania |
| 11.20–11.35 | The auditory midbrain implant – a new prosthesis for hearing restoration in neuronal deafness
Amir Samii, Germany |
| 11.35–11.50 | Traumatic carotid cavernous fistulae and dissections. Clinical impact and treatment options
Andreou Alexandros, Greece |
| 11.50–12.05 | Microsurgical anatomy of the thoracic spine: the fundamentals of the thoracic spinal stability
Kenan Arnautovic, USA |
| 12.05–12.20 | Paradigm shift in traumatic brain injury: Does "minimal" require maximal attention?
Andras Buki, Hungary |
| 12.20–12.35 | The NOSTRA Trial in severe TBI
Andreas Unterberg, Germany |

Hall 1

PLENARY SESSION 2

Moderators: Ioan Stefan Florian, Kenan Arnautovic, Tomislav Sajko

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|-------------|---|
| 12.35–12.50 | How much decompression should be done in cervical spine fracture with neurologic deficit
Ulrich Kunz, Germany |
| 12.50–13.05 | Management of craneocervical fractures
Jesus Lafuente, Spain |
| 13.05–13.20 | Epidemiology and prevention of TBI in Europe: New facts
Wolf Ingo Steudel, Germany |
| 13.20–13.35 | Surgical modalities and stabilization in the treatment of thoracolumbar spine fractures
Kresimir Rotim, Croatia |
| 13.35–13.50 | Controversies in nerve transfers for upper brachial plexus palsy due to traction injuries
Lukas Rasulic, Serbia |
| 13.50–14.05 | Decompressive Craniectomy: A Life Saver. Myth or Fact?
Konstantinos Fountas, Greece |

- | | |
|--------------------|--|
| 14.05–14.45 | Lunch on symposium
Medtronic – Critical care and spine trauma portfolio |
|--------------------|--|

Hall 1

MAIN SESSION 1

Moderators: Konstantinos Funtas, Vincenzo Paterno, Mauer Uve Max

- | | |
|-------------|---|
| 14.45–14.57 | Lobar haematomas: neuropathological and 7.0-tesla magnetic resonance imaging evaluation
Jacques De Reuck, Belgium |
| 14.57–15.09 | The management of craniocerebral trauma
Fatos Ollidashi, Albania |
| 15.09–15.21 | Abnormal Cognitive Aging
José León-Carrión, Spain |
| 15.21–15.33 | Decompressive vs hinge craniectomy: difference in technique and outcome
Ibrahim Omerhodzic, Bosnia and Herzegovina |
| 15.33–15.45 | Monitoring of posttraumatic cerebral hemodynamics by transcranial Doppler sonography – a novel perspectives
Bruno Splavski, Croatia |
| 15.45–15.57 | Radiological Approach to Neurotraumatology
Sanja Stojanovic, Serbia |
| 15.57–16.09 | The Clinical and Neuropsychological Evaluation of the Brain Injured Professional (NFL) Athlete
Domenic Paul Esposito, USA |
| 16.09–16.20 | <i>Discussion</i> |
| 16.20–16.35 | <i>Coffee break</i> |

Hall 1

ORAL PRESENTATIONS AND FREE TOPICS

Moderators: Ibrahim Omerhodzic, Fatos Ollidashi, Venko Filipce

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|-------------|--|
| 16.35–16.43 | The right timing to perform the craniectomy
Matijaz Vorsic, Slovenia |
| 16.43–16.51 | Computerized static posturography and vestibular dysfunction in acute period of concussion
Alexander Andreev, Ukraine |
| 16.51–16.59 | The effect of early and postponed decompressive craniectomy on time spent in ICU and outcome in traumatic brain injury patients
Djula Djilvesi, Serbia |
| 16.59–17.07 | Decompressive craniectomy in the treatment of complex severe traumatic brain injury
Boris Bozic, Croatia |
| 17.07–17.15 | Exogenous and endogenous factors that modulate opportunities for reemployment of persons living with sequels following spinal cord injury
Aurelian Anghelescu, Romania |
| 17.15–17.25 | <i>Discussion</i> |

- 17.25–17.33 **The incidence of chronic subdural hematoma with patients on anticoagulant therapy**
Vesna Nikolov, Serbia
- 17.33–17.41 **Additive technologies in skull defect reconstruction new porous and mesh Titanium composite implants**
Alexander Kravchuk, Ukraine
- 17.41–17.49 **Controversion at the head injury**
Milan Popovic, Slovenia
- 17.49–17.57 **Unstable ICP in severe brain injury: a bad omen**
Maurizio Gladi, Italy
- 17.57–18.05 **Psychological and psychiatric care for children with severe spinal cord injury**
Yuliya Sidneva, Russia
- 18.05–18.15 *Discussion*

Hall 2

14.05–14.45	SEENS EC Meeting and SEENS General Assembly
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MAIN SESSION 2

Moderators: Santiago Lubillo, Tomislav Cigic, Ihsan Solaroglu

14.45–14.57	Cognitive and Emotional Disturbances after TBI Ksenija Kolundzija, Serbia
14.57–15.09	Ruptured Anterior Communicating Artery Aneurysms. An experience of 513 cases treated using open microsurgery & a comparative view on management policies in two centers Ples Horia, Romania
15.09–15.21	The role of functional brain cleavage in consciousness disorders Oknina Ljubov, Russia
15.21–15.33	Surgery versus Conservative Treatment in Patients with Traumatic Intracerebral Hemorrhage Mirsad Hodzic, Bosnia and Herzegovina
15.33–15.45	When decompressive craniectomy improves the outcome of TBI patients Zbigniew Czernicki, Poland
15.45–15.57	Cranial head trauma in newborn infants Zlatko Kolic, Croatia
15.57–16.09	
16.09–16.20	<i>Discussion</i>
16.20–16.35	<i>Coffee break</i>

Hall 2

YOUNG NEUROSURGEONS SNSS AND EMN AWARD WITH INTERNATIONAL PARTICIPATION

*International jury and moderators: Ulrich Kunz,
Verena Klamroth–Marganska, Amir Samii, Nebojsa Stojanovic,
Branko Djurovic*

16.35–16.43	Surgical vs nonsurgical treatment of intracranial traumatic haemathoma, single center experience Marko Samardzic, Serbia
16.43–16.51	Endoscope–assisted evacuation of chronic subdural haematomas – 121 Minimally–invasive procedures Bogomil Iliev, Bulgaria
16.51–16.59	Selective brain hypothermia transiently improves the neurological recovery in the mouse model of decompressive craniectomy after closed head injury Jacek Szczygielski, Germany

16.59–17.07 **Influence of anticoagulant therapy on development of chronic subdural haematomas in Province of Vojvodina**
Antun Azasevac, Serbia

17.07–17.15 **CT scoring scales at the early outcome predictors in patients with TBI: which one to use?**
Jagos Golubovic, Serbia

17.15–17.23 **Diffusion tensor imaging and neuropsychological examination in mild traumatic brain injury**
Mladen Karan, Serbia

17.23–17.31

17.31–17.39

17.39–17.47

17.47–17.55

17.55–18.03

18.03–18.15 *Discussion*

18.45 *Shuttle bus for Welcome reception*
TBA

19.00–20.00 *Welcome reception – City Hall*
Milos Vucevic, Mayor of the city of Novi Sad
Zoltan Horvat, Secretary of health, city of Novi Sad
Petar Vulekovic, President of the Organizing Committee

20.00–23.00 *Presidential dinner – Restaurant Pancheta*
Njegoseva 12, Novi Sad – City Hall walking distance – by invitation only

Friday, October 21st

07.00 **Registration**

Hall 1

KEY NOTE LECTURES

08.00–08.20 **Quality of Life after Traumatic Brain Injury: new developments**
Jean-Luc Truelle, France
INTRO Ulrich Kunz

08.20–08.40 **Management of chronic subdural hematomas**
Panagiotis Selviaridis, Greece
INTRO Lukas Rasulic

08.40–09.00 **The Cybathlon – Moving People and Technology**
Verena Klamroth-Marganska, Switzerland
INTRO Djula Djilvesi

09.00–09.30 **Klaus von Wild lecture**
Peter Hutchinson, UK
INTRO Ioan Stefan Florian

09.30–09.40 *Coffee break*

Hall 1

PLENARY SESSION 1

Moderators: Alexandros Andreou, Aleksandar Caparoski, Andras Buki

09.40–09.55 **Head trauma management in infants (0 –1 year old)**
Alexandru-Vlad Ciurea, Romania

09.55–10.10 **Observations on the natural history of non-operative management of C2 odontoid process fractures in the elderly**
Andreas Demetriades

10.10–10.25 **Reconstruction of the calvarial defects using 3D CAD–CAM cranioplasty**
Dusan Vitanovic, Hungary

10.25–10.40 **Is whiplash injury always a mild cervical spine injury?**
A study with motor evoked potentials
Jacque De Reuck, Belgium

10.40–10.55 **Microsurgical neuroanatomy of the cerebral venous drainage with regard to complete decompressive craniectomy – functional aspects**
Peter Winkler, Austria

10.55–11.10 **Common sense and scientific knowledge in neurotraumatology: contradicting or mutually complementing?**
Leonid Likhтерman, Russia

11.10–11.25 **Outcome from mild traumatic brain injury – predicting value of MRI**
Petar Vulekovic, Serbia

11.25–11.40 **Management of neurosurgical intensive patients with post traumatic decompressive craniectomy**
Vincenzo Paterno, Germany

11.40–11.50 *Coffee break*

Hall 1**PLENARY SESSION 2***Moderators: Feridun Acar, Oleg Zaitsev, Bruno Splavski*

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|-------------|---|
| 11.50–12.05 | The risk factor of blunt cerebrovascular injury in patients with cervical spine injury: the SIMC experience
Okuma Masahiro, Japan |
| 12.05–12.20 | Current concept in treatment of mild traumatic brain injuries
Petrela Mentor, Albania |
| 12.20–12.35 | Is it time to change our conventional osmotic diuretics in patients with intracranial hypertension?
Lubillo Santiago, Spain |
| 12.35–12.50 | Percutaneous transpedicular fixation in spinal trauma
Nikolay Gabrovsky, Bulgaria |
| 12.50–13.05 | Management of Cervical Spine and Spinal Cord Injuries
Ihsan Solaroglu, Turkey |
| 13.05–13.20 | Indication for ICP monitoring in brain injury
Uve Max Mauer, Germany |
| 13.20–13.35 | The influence of preinjury anticoagulation therapy on traumatic brain injury patients outcome
Tomislav Sajko, Croatia |
| 13.35–13.50 | Efficacy of DREZ lesioning in managing pain following spinal cord injury
Milan Spaic, Serbia |
| 13.50–14.30 | Lunch on symposium – Integra |

Hall 1**MAIN SESSION 1***Moderators: Nikolay Gabrovsky, Mirsad Hodzic, Andreas Demetriades*

- | | |
|-------------|---|
| 14.30–14.42 | What and why should be monitored in sever traumatic brain injuries?
Zsolt Kopniczky, Hungary |
| 14.42–14.54 | Neuromonitoring in Intensive Care Unit
Branko Milakovic, Serbia |
| 14.54–15.06 | Anaesthesia for Head Trauma
Sanja Vickovic, Serbia |
| 15.06–15.18 | The simple interrupted skin suture versus the running subcutaneous suture in cranial surgery
Yavor Enchev, Bulgaria |
| 15.18–15.30 | Peripheral Nerve Injuries Strategies for Reconstruction
Lucian Fodor, Romania |
| 15.30–15.42 | Management of the posttraumatic seizures
Slavko Djuraskovic, Montenegro |
| 15.42–15.55 | <i>Discussion</i> |

Hall 2

NURSES SYMPOSIUM

09.30–10.00	OPENING CEREMONY Kresimir Rotim, Petar Vulekovic, Ioan Stefan Florian, Lukas Rasulic, Sandra Milosevic, Biljana Kurtovic, Mirsada Custovic
10.00–10.10	The basics of health care process for neurotrauma: planning, individualization and documenting Dragana Nikolic, Serbia
10.10–10.20	Contemporary algorithms in neurotraumatized patients – treatment from the aspect of a neuro-nurse Mirsada Custovic, Bosnia and Herzegovina
10.20–10.30	The value of predictiveness in following the state of consciousness Ivana Dondo, Serbia
10.30–10.40	The nurse competencies in implementing the care protocol for intracranial haemorrhage patients Ivan Havrlisan, Croatia
10.40–10.50	Guidelines for pre-hospital care management for patients with neurotrauma Biljana Kurtovic, Croatia
10.50–11.00	Validation of the outcome of treating alcoholized patients with head injury, case study Mirjana Sestak, Croatia
11.00–11.10	The standard clinical operational procedures for patients with traumatic injury of cervical spine Cecilija Rotim, Croatia
11.10–11.20	The characteristics of interdisciplinary approach to cervicocranial traction in treating cervical spine fracture and luxation Anita Brblic, Croatia
11.20–11.30	The human factor: the critical importance of effective team work and communication in providing safe treatment in operating theatre Vesna Svirčević, Croatia
11.30–11.40	The protocol of operational technique of invasive intracranial pressure measurement Sandra Milosevic, Serbia
11.40–11.50	An analytical presentation of scrub nurse procedures in neurosurgical treatment of subdural haematoma Ivana Strbac, Serbia
11.50–12.00	Perioperational treatment of patients with epidural haemorrhage: A five-year retrospective study of the Neurosurgery Clinic, KBC Osijek Sanja Moser, Croatia
12.00–12.15	SEENS NURSING SECTION MEETING

Hall 2

12.15–13.00 **SNSS EC Meeting and
SNSS General Assembly**

Area for posters

13.00–14.00 **POSTER SESSION**

Moderators: Peter Banczerowski, Milan Spaic, Boris Bozic

**Blepharospasm as a consequence of chronic subdural haematoma:
an interesting case**

Tomaz Velnar, Slovenia

**Indications, cautions & limits of interdisciplinary approach: physical &
rehabilitation medicine – orthopedics, in patients with severe neurological
pathology (preliminary data)**

Aurelian Anghelescu

**Craniocerebral trauma as result of a compressor tube explosion:
a case report**

Tomaz Velnar, Slovenia

**Depressed and Open Skull Fractures Over the Superior Sagittal Sinus.
Presentation of Three Cases and Literature Review**

Haralampos Gatos, Greece

Posterior Fossa Skull Fractures, Two Illustrative Cases and Literature Review

Haralampos Gatos, Greece

Local fibrinolysis for traumatic intracranial hemorrhages

Vadym Biloshytsky, Ukraine

Le Fort type 3 fracture or not? – CT scan reliability

Vuk Aleksic, Serbia

**Dural metastasis misdiagnosed as a bilateral subdural hematoma – a case
report and a review of literature**

Vuk Aleksic, Serbia

The use of serum biomarkers as prognostic tool after traumatic brain injury

Vadym Biloshytsky, Ukraine

**Objectification of cognitive impairment in patients with mild traumatic brain
injury through the use of integrative index**

Andriy Huk, Ukraine

**The use of Mini–Mental State Examination in the assessment of mental status
of patients with mild traumatic brain injuries – yes or no?**

Zeljka Nikolasevic, Serbia

Executive functions in patients with mild traumatic brain damage

Vojislava Bugarski, Serbia

Post-traumatic leptomeningeal cyst in a 9 month old infant – case report

Boris Djurovic, Montenegro

Death after consussion – case report

Arsenije Radunovic, Montenegro

Transarterial endovascular treatment of carotid–cavernous fistula – case report and review of literature

Aleksandar Spasic, Serbia

Surgical removal of intracranial fragments after gunshot injury – mandatory or not? Intracranial and chest bullets retained for 35 years – a case report and a review of literature

Vuk Aleksic, Serbia

Growing fracture – surgical treatment – case report

Bojana Zivkovic, Serbia

Intraventricular intracranial pressure monitoring and it's role in treatment in patient with TBI

Aleksandar Miljkovic, Serbia

Craniotomy or craniectomy for acute subdural hematoma

Luka Borovinic, Montenegro

Neuroimaging after mild traumatic brain injury in Clinic of neurosurgery in Belgrade – is it really mild?

Jelena Taskovic, Serbia

Evaluation of neuroradiological parameters in the revised CT score as a predictor of outcome in patients with traumatic brain injury

Filip Pajicic, Serbia

Early outcome in patients with severe traumatic brain injury

Dragan Jankovic, Croatia

Employment of persons with disabilities in Romania

Aurelian Anghelescu, Romania

Master center Conference room

11.30–13.00 EMN Presidium meeting

Hall 2

13.00–14.30 EMN Members meeting

MAIN SESSION 2*Moderators: Domenic Paul Esposito, Horia Ples, Djula Djilvesi*

- | | |
|-------------|--|
| 14.30–14.42 | Endoscopic spine surgery for traumatic disc herniation
Robert Saftic |
| 14.42–14.54 | Management of Subaxial Cervical Fractures
Fatos Ollidashi, Albania |
| 14.54–15.06 | Basic principles of the instrumentalization of old post-traumatic changes in the cervical spine
Nebojsa Stojanovic, Serbia |
| 15.06–15.18 | The influence of anterior interbody fusion with allograft onto cervical spine functional outcome
Goran Lakicevic, Bosnia and Herzegovina |
| 15.18–15.30 | Spinal injury. Modern Aspect. Cyprus reality.
Spyrou Michalakis, Cyprus |
| 15.30–15.42 | Second impact syndrome, controversies
Filipce Venko, Macedonia |
| 15.42–15.55 | <i>Discussion</i> |

- | | |
|--------------------|--|
| 16.15 | <i>Shuttle transportation for Petrovaradin Fortress and Gala dinner – TBA</i> |
| 16:30–19:00 | <i>Trip to Petrovaradin Fortress</i> |
| 19.30–23:00 | <i>Networking diner – Restaurant Alaska Barka</i> |

Saturday, October 22nd

07.00 Registration

Hall 1

KEY NOTE LECTURES

- | | |
|-------------|--|
| 08.00–08.20 | ICP monitoring: a controversial issue for the Neurosurgeon
Franco Servadei, Italy
<i>INTRO Ioan Stefan Florian</i> |
| 08.20–08.40 | State of art of the use of ICP and PtiO2 in severe brain trauma
Tito Arcadio Perilla Cepeda, Columbia
<i>INTRO Lukas Rasulic</i> |
| 08.40–09.00 | Trends and challenges in rehabilitation following traumatic brain injury
Nada Andjelic, Norway
<i>INTRO Djula Djilvesi</i> |
| 09.00–09.20 | New challenges for neurosurgical education and research in the global scenario: an European perspective
Francesco Tomasello, Italy
<i>INTRO Lukas Rasulic</i> |

Hall 1

PLENARY SESSION

Moderators: Francesco Tomasello, Alexandru Vlad Chiurea, Konstantinos Fountas

- | | |
|-------------|---|
| 09.20–09.35 | Towards a new gold standard to improve TBI clinical research – CAPTAIN trial design and rationale
Johannes Vester, Germany |
| 09.35–09.50 | Mood disturbances after severe traumatic brain injury
Oleg Zaitsev, Russia |
| 09.50–10.05 | Severe head injury: looking for solutions... Finding new problems?
Alberto Delitala, Italy |
| 10.05–10.20 | The modern concept of medical rehabilitation in patients after traumatic brain injury
Gordana Devecerski, Serbia |
| 10.20–10.35 | Where is the place of deep brain stimulation in severe comatose patients following traumatic brain injury?
Feridun Acar, Turkey |
| 10.35–10.50 | Decompressive craniectomy, controversies
Aleksandar Caparoski, Macedonia |
| 10.50–11.05 | "Extreme" indication of the endoscopic endonasal approach for treatment of complex c2 odontoid fractures
Maurizio Iacoangeli, Italy |
| 11.05–11.20 | <i>Coffee break</i> |

Hall 1**MAIN SESSION**

*Moderators: Jacques De Reuck, Nebojsa Stojanovic,
Nada Andjelic*

- | | |
|-------------|---|
| 11.20–11.32 | Computerized static posturography and statokinetic disorders in the acute period of cerebral concussion
Vadym Biloshytsky, Ukraine |
| 11.32–11.44 | Treatment of unstable thoracolumbar junction burst fractures: short-segment pedicle fixation with inclusion of the fracture level versus long-segment instrumentation – excluding the fracture level
Maurizio Iacoangeli, Italy |
| 11.44–11.56 | The impact of cerebrospinal fluid shunting on mental recovery in patients with post-traumatic hydrocephalus
Yaroslav Latyshev, Russia |
| 11.56–12.08 | Delayed cerebral vasospasm following traumatic acute subdural hematoma
Kaima Suzuki, Japan |
| 12.08–12.20 | Cerebral venous thrombosis as a rare complication of traumatic brain injury
Dusko Kozic, Serbia |
| 12.20–12.32 | Percutaneous transpedicular fixation in spinal trauma
Nikolay Velinov, Bulgaria |
| 12.32–12.44 | New trends in diagnosis management of TBI in children
Alexandru Tascu, Romania |
| 12.44–12.56 | Neuroanatomy of coma due to traumatic axonal injury
Evgenia Alexandrova, Russia |
| 12.56–13.08 | TBI Quality Assurance: Quo Vadis?
Andriy Huk, Ukraine |
| 13.08–13.20 | Sciwora or what else?
Rasim Skomorac, Bosnia and Herzegovina |
| 13.20–13.32 | Psychological and psychiatric care for children with severe spinal cord injury
Ekaterina L'vova, Russia |
| 13.32–13.44 | Depression in patients with mild traumatic brain damage
Vojislava Bugarski, Serbia |
| 13.44–14.00 | <i>Discussion</i> |

Hall 2

SEENS YOUNG NEUROSURGEONS FORUM ORAL PRESENTATIONS AND FREE TOPICS

Moderators: Ioan Stefan Florian, Tomislav Sajko, Yavor Enceev

11.20–11.28	Olfactory groove meningiomas (OGM): a multicentric perspective regarding planning, surgical approaches, quality of life and global outcome Alexandru–Vlad Ciurea, Romania
11.28–11.36	Unusual traumatic injury of high cervical spinal cord as a result of degeneration and oscillation Tomaz Velnar, Slovenia
11.36–11.44	Surgical treatment and remarkable outcome after severe trauma brain injury Fahrudin Alic, Bosnia and Herzegovina
11.44–11.52	Neonatal head and spine injuries Zvonimir Dzelebdzic, Serbia
11.52–12.00	Illustrative Case and Literature Review of Bone Resorption after Autologous Bone Cranioplasty Haralampos Gatos, Greece
12.00–12.08	Brain temperature – an undervalued vital parameter of brain tissue hemostasis after brain injury. Can we monitor brain tissue temperature non-invasively in patients? Matthias Menzel, Germany
12.08–12.16	Prognostic factors for mortality in surgically treated patients with moderate to severe traumatic brain injury Maria Laleva, Bulgaria
12.16–12.24	Pharmacotherapy of traumatic brain injury Vadym Biloshytsky, Ukraine
12.24–12.32	The impact of ICP monitoring on the degree of recovery of patients with severe brain trauma Aleksandar Kostic, Serbia
12.32–12.40	Quality of life assessment in patients with mild traumatic brain damage Zeljka Nikolasevic, Serbia
12.40–12.48	Cranio–cerebral injuries caused by captive bolt gun in suicide attempt Vladimir Papic, Serbia
12.48–12.56	The influence of post traumatic hormone deficiency on recovery after traumatic brain injury Darko Stipic, Croatia
12.56–13.04	The histopathological and biochemical parameters of chronic subdural hematoma Boban Jelenkovic, Serbia
13.04–13.12	Upper extremity peripheral nerve injuries caused by gunshot Vladimir Puzovic, Serbia
13.12–13.20	Susceptibility Weighted Imaging in diagnostics of mild traumatic brain injury Alma Brakus, Serbia
13.20–13.28	Evaluation of the proximal stump in the C5 and C6 lesions Andrija Savic, Serbia

13.28–13.36 **Infection after combat related penetrating head injuries**
Goran Pavlicevic, Serbia

13.36–13.44

13.44–14.00 *Discussion*

Hall 1

14.00–15.00 **CONTROVERSIES IN NEUROTRAUMATOLOGY NOVI SAD 2016**
Final remarks and closing ceremony

15.00–20.00 *Trip to Sremski Karlovci – Optional*

<http://snss-seensns2016.talkb2b.net>





General information about Novi Sad

- Location: Serbia, Province Vojvodina
45°15' N, 19°51' E
- Located in the southern part of the Pannonian Plain, on the left bank of the Danube river, facing the northern slopes of Fruška Gora mountain
- Time: Central-european time (GMT+1)
- Climate and Weather: Temperate continental climate, with four seasons.
- Currency: RSD (subject to change)
1 EUR = 123,00 RSD
1 USD = 111,87 RSD
1 GBP = 146,68 RSD
1 CHF = 113,45 RSD
- The capital of Vojvodina, northern province of Serbia
- The city has a population of 250 000, the city region of 340 000

How to get to Novi Sad

•By plane

Novi Sad doesn't have an international airport and the closest one is **Nikola Tesla Airport** (IATA: BEG) near Belgrade (about 70 kilometers). Provide your flight details to local agency *Panacomp* earlier, and they will organize transfer for you by TAXI - special price for this transfer is 30€. Check point for faculty and participants of the Congress will be available on Belgrade airport.

•By car

E-75 highway that connects Belgrade and Budapest passes by Novi Sad, **E-70** highway which is some 40km south/west of Novi Sad connects Ljubljana, Zagreb and Belgrade.

•By train

Novi Sad is on the international railway route **Vienna – Budapest – Novi Sad - Belgrade – Istanbul**, from Belgrade there are also railway routes to Timișoara and Bucharest (Romania) as well as to Zagreb (Croatia), Ljubljana (Slovenia) and further to Italy and Austria.

•By Danube river

Between 1252 and 1262 kilometers of the Danube watercourse.

Accommodation

Hotel Master ★★★★★

50 rooms i.e.
110 beds in standard rooms



Hotel Park ★★★★★

Hotel Sajem ★★★★★

Tourist resort „Ribarsko ostrvo” ★★★★★

Hotel Best Western President ★★★★★

Hotel Centar ★★★★★



Venue

Master center - Congress Centre,
Novi Sad



Important congress information

AWARDS

EMN AWARD

EMN will provide awards for Young neuroscientist contest. The best 5 abstracts will be selected by EMN Scientific committee. All of them will be awarded with 250€ for travel expenses, and the best presentation in special session will be awarded with additional 250€.

ANNUAL SERBIAN NEUROSURGICAL SOCIETY (SNSS)

BEST YOUNG NEUROSURGER PAPER AWARD

Eligible for the award are scientific papers by young neurosurgeons from Serbia, which will be assessed by a jury of national and international experts. The papers submitted for the award will be presented by their author.

Award: Full participation in WFNS 2017 congress.

It should be clearly specified in application form and e-mail message with abstract submission how old author is. All authors younger than 40 years can apply for EMN and SNSS awards.

TOPICS

The congress will have three main topics: ***Traumatic brain injury, spinal cord injury and peripheral nerves injury***. Regarding this topics following issues will be debated:

1. Basic research and clinical trials
2. Diagnostics
3. Treatment
4. Rehabilitation and outcome
5. Medico-legal aspects and litigation

REGISTRATION FEES

- **Klaus von Wild and Milivoje Kostić** lecturers presenters have fully covered expenses
- Honorary presidents of EMN do not have to pay the registration fees
- All other participants have to pay all expenses

DURATION OF LECTURES

Key note lectures:	20 min
Plenary sessions:	15 min
Main sessions:	12 min
Short oral presentations:	8 min
Young neuroscientist award:	8 min

The congress will be accredited by Serbian Health Council. The congress program has been submitted to obtain EACCME accreditation.

Presidium and Members meeting of the EMN will be held in Novi Sad.

Executive committee meeting and General Assembly of the SNSS will be held in Novi Sad.

Executive committee meeting and General Assembly of the SeENS will be held in Novi Sad.

Social Program

Wednesday, October 19th 2016

20:00-22:00 **Welcome faculty reception**
Hotel Master
Braće Popović bb, Novi Sad
by invitation only

Thursday, October 20th 2016

19:00-20:00 **Welcome reception**
City Hall

20:00-23:00 **Presidential dinner** - by invitation only
Restaurant Pancheta,
Njegoševa 12, Novi Sad
City Hall walking distance

Friday, October 21st 2016

16:30-19:00 **Trip to Petrovaradin Fortress**

19:30-23:00 **Networking dinner**
Restaurant Alaska Barka
Ribarsko ostrvo, Novi Sad
(tickets available)

SNSS & SeENS PCO

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Miross
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Local agency

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<http://snss-seensns2016.talkb2b.net/>

