



SPINE SURGERY IN XXI CENTURY

current concept, controversies, perspectives

SCIENTIFIC PROGRAM



**October 4-7
2018**

Niš, Serbia

Venue:
Tami Residence
Hotel



SCIENTIFIC PROGRAM

Friday, 5th October 2018

HALL 1

07.30 Registration

OPENING CEREMONY

08.00-09.00 **Welcome Addresses**

- Prof. Dr Lukas Rasulic, Co-President of the Congress, SNSS President, SeENS President
- President of Republic of Serbia
- Ministry of Health of Republic of Serbia
- Prof. Dr Nikolay Konovalov, Co-President of the Congress
- Prof. dr Alexander Potapov, Honorary President of the Congress, Director of N. N. Burdenko Neurosurgical Institute
- Prof. Dr Alexander Konovalov, Honorary President of the Congress, President of the Association of Neurosurgeons of Russia
- Prof. Dr Mehmet Zileli, Chair of the WFNS Spine Committee
- Prof. Dr Artem Gushcha, President of the Association of Spinal Surgeons of Russia
- Prof. Dr Kresimir Rotim, Honorary President of the Congress, SeENS Honorary President, President of the Croatian Society for Spine Surgery
- Acad. Vladimir Kostic, Serbian Academy of Science and Art
- Prof. Dr Dragan Antic, Rector of the University of Nis
- Prof. Dr Dobrila Stankovic Djordjevic, Dean of the Faculty of Medicine, University of Nis
- Prof. Dr Zoran Radovanovic, Director of the Clinical Center of Nis
- Prof. Dr Nebojsa Stojanovic, President of the International Organizing Committee
- Mr. Darko Bulatovic, Mayor of Nis

SNSS Tribute: MILIVOJE KOSTIC LECTURE 1

09.00-09.30 **Where Will We Be Tomorrow: The Future of Minimally Invasive Surgery**
Kevin Foley, USA
INTRO Lukas Rasulic

SNSS Tribute: MADJID SAMII LECTURE

09.30-10.00 **Problems and Solutions in Geriatric Spine Surgery**
Mehmet Zileli, Turkey
INTRO Lukas Rasulic

PLENARY SESSION 1

Moderators: Lukas Rasulic, Nikolay Konovalov, Kresimir Rotim

HALL 1

- 10.00-10.20 **Tumor Surgery of Craniovertebral Junction**
Madjid Samii, Germany
- 10.20-10.40 **Lumbar dynamic pedicle-based stabilization versus fusion in degenerative disease: preliminary results of the DYNORFUSE prospective randomized trial**
Bernhard Meyer, Germany
- 10.40-11.00 **Surgical treatment of intramedullary tumors: experience of more than 700 cases**
Nikolay Konovalov, Russia
- 11.00-11.20 **Spine Surgery Today: Appropriate or Over Indication?**
Francesco Tomasello, Italy
- 11.20-11.40 **Spinal Surgery in Russia - Trends, Highlights, Outstanding Issues**
Artem Gushcha, Russia
- 11.40-12.00 *Coffee break*

MAIN SCIENTIFIC SESSION 1: DEGENERATIVE SPINE

Moderators: Mehmet Zileli, Artem Gushcha, Petar Vulekovic

HALL 1

- 12.00-12.15 **KEY NOTE LECTURE**
Cervical myelopathy – new insights into pathophysiology and treatment
Peter Vajkoczy, Germany
- 12.15-12.30 **KEY NOTE LECTURE**
Retrospective single-surgeon study of 1,123 consecutive cases of anterior cervical discectomy and fusion: A comparison of clinical, outcome parameters and costs between outpatient and inpatient surgery groups with a literature review
Kenan Arnautovic, USA
- 12.30-12.45 **KEY NOTE LECTURE**
Surgical Management of Intradural tumors at the craniovertebral junction region
Ioan Stefan Florian, Romania
- 12.45-13.00 **Electrophysiological Monitoring in Spinal Disease**
Francesco Sala, Italy
- 13.00-13.15 **Surgical Outcome Prognosis for Degenerative Lumbar Spine Disease**
Anton Nazarenko, Russia
- 13.15-13.30 **Three and Four Level ACDF: How I Do It**
Ibrahim Omerhodzic, Bosnia and Herzegovina
- 13.30-14.15 *Lunch*
- 13.30-14.15 **Serbian Neurosurgical Society EC Meeting - Board room**



MAIN SCIENTIFIC SESSION 2: DEGENERATIVE SPINE

Moderators: Bernhard Meyer, Alberto Delitala, Ioan Stefan Florian

HALL 1

- 14.15-14.30 KEY NOTE LECTURE**
The anterior unkoforaminotomy in treatment of patients with radicular pain caused by lateral stenosis at degenerative cervical spine pathology
Vladimir Klimov, Russia
- 14.30-14.45 KEY NOTE LECTURE**
Experiences with „percutaneous laser disc decompression“ by a diode laser - a minimal invasive outpatient treatment for contained disc herniations
Gregor Kienbacher, Austria
- 14.45-15.00 Intraoperative neurophysiological monitoring in degenerative cervical spine surgery**
Petar Vulekovic, Serbia
- 15.00-15.15 Degenerative lumbar spine: protocols and when the unusual approaches are better**
Dmitry Dzukaev, Russia
- 15.15-15.30 Failed back surgery**
Tomislav Cigic, Serbia
- 15.30-15.45 New concepts for using the arthroplasty in the degenerative changes of the cervical spine**
Matjaz Vorsic, Slovenia
- 15.45-16.00 Reconstructive surgery of the cervical spine - Indications**
Nebojsa Stojanovic, Serbia
- 16.00-16.15 My Experience with Cervical Spine Surgery and Stabilization**
Venko Filipce, Macedonia
- 16.15-16.30 Lumbar spine stenosis: prevalence and morphology of ossification of the ligamentum flavum**
Vladimir Sorokovikov, Russia
- 16.30-16.45 Discussion*
- 16.45-17.00 Coffee break*

ORAL PRESENTATIONS 1

Moderators: Dmitry Dzukaev, Miroslav Vukic, Goran Pavlicevic

HALL 1

- 17.00-17.10 **Dr. Vladimir Petrovich Pasek - the first registrated neurosurgeon?**
Milan Spaic, Serbia
- 17.10-17.20 **Degenerative lumbar spine**
Vesna Nikolov, Serbia
- 17.20-17.30 **Dynamic Stabilization with Polyetheretherketone (PEEK) Rods: Mid-term Results (5 Years) in Lumbar Spine Degenerative Diseases in a Comprehensive Patients Series-Radiological and Clinical Assessment**
Ahmet Öğrenci, Turkey
- 17.30-17.40 **Cervical Radiculopathy vs. Carpal Tunel Syndrome – the shared theritory**
Miljan Bulatovic, Serbia
- 17.40-17.50 **Iatrogenic injuries of the paravertebral vessels at operative treatment of the lumbal vertebra disc hernias - presentation of the two cases**
Andrej Prlja, Slovenia
- 17.50- 18.00 **Anesthesia in spine surgery with neuromonitoring: current concept and our experience**
Sanja Maricic Prijic, Serbia
- 18.00-18.10 **Anterior sacral meningocele in children – diagnostic and therapeutic strategies**
Mirjana Raicevic, Serbia
- 18.10-18.20 **Does transvers diametere of the cervical spinal canal play a role on CSM development?**
Murat Sayin, Turkey
- 18.20-18.30 **Pedicle screw fixation in osteoporotic fractures**
Mohamed Mohi Eldin, Egypt
- 18.30-18.40 **Our experience with Caspar microsurgical discectomy**
Tomaz Velnar, Slovenia
- 18.40-18.50 **Prognostic value of intraoperative monitoring in spinal surgery**
Boban Joksimovic, Serbia
- 18.50-19.00 *Discussion*
- 08.00 -19.00 **E-POSTER PRESENTATION**
Area for Poster presentation
- 20.00-00.00 *Gala dinner*



MAIN SCIENTIFIC SESSION 3: SPINE TRAUMA AND INFECTIONS

Moderators: Vadim Manukovsky, Ljubodrag Minic, Fatos Ollidashi

HALL 2

- 12.00-12.15 KEY NOTE LECTURE**
Current concept of chronic spondylitis
Aleksandr Mushkin, Russia
- 12.15-12.30 KEY NOTE LECTURE**
Modification of short-segment fixation with pedicle screws in fracture site without fusion for thoracolumbar fractures
Vladimir Lalosevic, Serbia
- 12.30-12.45 KEY NOTE LECTURE**
Adverse effects of steroid therapy in acute spinal cord injury management
Victor Rerikh, Russia
- 12.45-13.00 MIS instrumentation in trauma**
Nikolay Gabrovsky, Bulgaria
- 13.00-13.15 Early surgery and instrumentation in cervical spine tuberculosis - rationale and decision making**
Harjinder Bhatoe, India
- 13.15 - 13.30 Unilateral recurrent lumboschialgia of unknown cause – a diagnostic and therapeutic challenge**
Ivan Stefanović, Serbia
- 13.30-14.15 Lunch**
- Russian Neurosurgical Society EC and WFNS Spine Committee Business Meeting - Residence Room*

MAIN SCIENTIFIC SESSION 4: BASIC SCIENCE AND SPINE TUMORS

Moderators: Sergey Kolesov, Andreas Demetriades, Stefano Ferraresi

HALL 2

- 14.15-14.30 KEY NOTE LECTURE**
Treatment of chronic pain after transpedicular fixation
Tito Perilla, Colombia
- 14.30-14.45 KEY NOTE LECTURE**
Complications in spine surgery
Keki Turel, India
- 14.45-15.00 Spine and spinal cord disorders: advanced treatment concept**
Dmitry Asyutin, Russia
- 15.00-15.15 Endovascular treatment of spinal AVMs and vascular tumors**
Teodor Tissen, Russia
- 15.15-15.30 Radiosurgery For Spinal Metastasis**
Selçuk Peker, Turkey
- 15.30-15.45 Chronic spinal cord stimulation in the treatment of failed back surgery syndrome**
Emil Isagulyan, Russia
- 15.45-16.00 Intraoperative neurophysiological monitoring for spinal cord tumors surgery**
Slavko Djuraskovic, Montenegro

16.00-16.15 **Results of surgical treatment of spinal cavernous malformations**
Bahramkhon Zakirov, Russia

16.15-16.30 **Spinal cord tumors in Montenegro**
Novak Lakicevic, Montenegro

16.30-16.45 *Discussion*

16.45-17.00 *Coffee break*

ORAL PRESENTATIONS 2

Moderators: Sergey Mlyavykh, Novak Lakicevic, Venko Filipce

HALL 2

17.00-17.10 **Cervical spinal stenosis treatment by interlaminar full endoscopy**
Marcio Ramalho da Cunha, Brazil

17.10-17.20 **Severity of the spinal stenosis - a novel classification method**
Milenko Stanic, Serbia

17.20-17.30 **Economic costs in discitis treatment**
Mustafa Ogden, Turkey

17.30 - 17.40 **Transcorporeal anterior cervical microforaminotomy; a motion preserving surgery in pure brachialgia**
Moshiur Rahman, Bangladesh

17.40-17.50 **Role of the O-arm and neuronavigation in the management of complex spine surgery cases**
Walid Attia, Saudi Arabia

17.50-18.00 **Cervical Spondylotic Myelopathy**
Drazen Ivetic, Serbia

18.00-18.10 **Use of nitinol rods for fixation of the lumbar spine (prospective multi-center study)**
Kazmin Arkadii, Russia

18.10-18.20 **The role of endoscopy in treating spinal stenosis**
Miljan Mihajlović, Serbia

18.20-18.30 **Age-related prevalence of degenerative cervical pathology**
Niamen Patrice Koffi, Morocco

18.30-18.40 **Factors affecting outcome after lumbar disc surgery - How close are we to good outcome prediction?**
Mladen Karan, Serbia

18.40-18.50 **CT accuracy of percutaneous vs open and manually-registered pedicle screw techniques: a single center non-randomized clinical trial**
Alexandros Brotis, Greece

18.50-19.00 *Discussion*

08.00 -19.00 **E-POSTER PRESENTATION**
Area for Poster presentation

20.00-00.00 *Gala dinner*



Saturday, 6th October 2018

07.30 Registration

PLENARY SESSION 2

Moderators: Madjid Samii, Francesco Tomasello, Andrey Grin

HALL 1

08.00-08.20 **Adult Scoliosis and Complication Management**
Jesus Lafuente, Spain

08.20-08.40 **Microsurgical education today and the role of neurosurgical organizations**
Torstein Meling, Norway

08.40-09.00 **From simulation through cadaver training to patient care:
a safe way to educate spinal surgeons**
Karl Schaller, Switzerland

09.00-09.20 **Surgical Treatment of Cervical Spine Trauma**
Vadim Manukovsky, Russia

09.20-09.40 **Occipito-Cervical Fixation: Evolution and Current Concepts**
Miguel Arraez Sanchez, Spain

SNSS Tribute: MILIVOJE KOSTIC LECTURE 2

09.40-10.10 **Low-grade infection in spinal instrumentation: is this the real cause of screw loosening?**
Bernhard Meyer, Germany
INTRO Lukas Rasulic

SPECIAL GUEST LECTURE

10.10-10.30 **Computational modeling of spine and spinal implants**
Nenad Filipovic, Serbia
INTRO Lukas Rasulic

10.30-10.45 *Coffee break*

MAIN SCIENTIFIC SESSION 5: BASIC SCIENCE AND NEW TECHNOLOGIES

Moderators: Miguel Arraez Sanchez, Vladimir Klimov, Karl Schaller

HALL 1

10.45-11.00 **KEY NOTE LECTURE**
Image guidance for cervical spine surgery. Is there an added value?
Experience of 170 cases
John Duff, Switzerland

11.00-11.15 **KEY NOTE LECTURE**
New technologies for the treatment of degenerative scoliosis
Sergey Kolesov, Russia

11.15-11.30 **Adverse Events Related to Peripheral Nerves Following Spine Surgery-Complications,
Sequellae, Mistreatment: Avoidance, Treatment Modalities and Outcome**
Lukas Rasulic, Serbia

- 11.30-11.45 **Cervical arthroplasty with discover; long term results and influence on the cervical biomechanics**
Miroslav Vukic, Croatia
- 11.45-12.00 **Spinal navigation: past, present and future**
Francesco Costa, Italy
- 12.00-12.15 **MISS (minimally invasive spinal surgery, the concept. MISS is not a miss-surgery)**
Nikolay Peev, Ireland
- 12.15-12.30 **New Philosophy in Spine surgery**
Michalakos Spyrou, Cyprus
- 12.30-12.45 **CT scan and navigation assisted spinal surgery**
Maria Martynova, Russia
- 12.45-13.00 **A neuro-fuzzy model for supporting the diagnosis of lumbar disc herniation**
Miodrag Peulic, Serbia

13.00-13.30 *Lunch*

12.45-13.30 **Southeast Europe Neurosurgical Society EC Business Meeting - Board Room**

13.30-14.15 **RAPID CROSSFIRE SESSION 1**

COMPLEX AND COMPLICATED CASES - OPEN ACCESS PANEL SESSION

Moderators: Mehmet Zileli, Artem Gushcha, Jesus Lafuente, Enrique Osorio-Fonseca, Nebojsa Stojanovic

MAIN SCIENTIFIC SESSION 6: SPINE TRAUMA

Moderators: Torstein Meling, Aleksandr Mushkin, Nebojsa Stojanovic

HALL 1

- 14.15-14.30 **KEY NOTE LECTURE**
Management of fractures in ankylosing spondylitis
Mehmet Zileli, Turkey
- 14.30-14.45 **KEY NOTE LECTURE**
Minimal invasive surgery in spine trauma
Tiberiu Maior, Romania
- 14.45-15.00 **CSF leakage following spine surgery: prevention and management**
İhsan Solaroğlu, Turkey
- 15.00-15.15 **War injuries of the spinal cord**
Ljubodrag Minic, Serbia
- 15.15-15.30 **Cervical spine fracture**
Fatos Ollidashi, Albania
- 15.30-15.45 **Trauma of the spinal column - what should be seen by a neuroradiologist in order for the neurosurgeon to do what needs to be done**
Zoran Radovanovic, Serbia
- 15.45-16.00 **Central cord syndrome**
Panagiotis Selviaridis, Greece
- 16.00-16.15 **Spine injuries and disorders - emergency centre as a crossroad for right treatment**
Miljan Jovic, Serbia
- 16.15-16.30 *Discussion*
- 16.30-16.45 *Coffee break*

MAIN SCIENTIFIC SESSION 7: SPINE TUMORS
Moderators: John Duff, Panagiotis Selviaridis, Tomislav Cigic

HALL 1

- 16.45-17.00 KEY NOTE LECTURE**
Surgery around the neuroforamen. Indications and technique for dumbbell pathology in the cervical area
Stefano Ferraresi, Italy
- 17.00-17.15 KEY NOTE LECTURE**
Results of surgical treatment of extramedullary spinal cord tumors
Roman Onoprienko, Russia
- 17.15-17.30 Spinal AVM**
Mohammad Al-Olama, UAE
- 17.30-17.45 Intradural Spinal Tumors: Surgical Considerations and Institutional Experience**
Tomislav Sajko, Croatia
- 17.45-18.00 Extent of surgical resection of malignant astrocytoma of the spinal cord**
Vincenzo Paterno, Germany
- 18.00-18.15 Spinal Schwannomatosis**
Martin Smrcka, Czech Republic
- 18.15-18.30 Spinal Tumours Treatment-Our Experience**
Rasim Skomorac, Bosnia and Herzegovina
- 18.30-18.45 Spine Surgery in XXI century - Anesthesiologist Point of view**
Inga Mladic Batinica, Croatia
- 18.45-19.00 Intradural Spine Tumor Surgery-Institutional Experience**
Djula Djilvesi, Serbia
- 19.00-19.15 Discussion*
- 08.00-19.15 E-POSTER PRESENTATION**
Area for Poster presentation
- 20.30-00.00 Traditional Serbian Dinner**

MAIN SCIENTIFIC SESSION 8: MINIMAL INVASIVE SPINE SURGERY

Moderators: Sergey Mlyavykh, Marko Markovic, Mitja Benedicic

HALL 2

10.45-11.00 KEY NOTE LECTURE

Endoscopic approaches in lumbar degenerative diseases

Enrique Osorio-Fonseca, Colombia

11.00-11.15 KEY NOTE LECTURE

The use of minimally invasive techniques for segmental correction

Alexander Krutko, Russia

11.15-11.30 KEY NOTE LECTURE

Percutaneous approaches in cervical procedures

Giovanni Broggi, Italy

11.30-11.45 **Percutaneous endoscopic transforaminal approach for foraminal and extraforaminal disc herniations: 5-year experience**

Natale Francaviglia, Italy

11.45-12.00 **Full-endoscopic system utilization for decompression of nerve structures on lumbar level of the spine. first experience report**

Vasily Korolishin, Russia

12.00-12.15 **Lumbar angiolipoma removal via percutaneous endoscopic interlaminar approach**

Marcio Ramalho da Cunha, Brasil

12.15-12.30 **Mini-invasive and innovative technologies in the surgery of the pathological processes of the skull base and the craniovertebral junction**

Alexey Shkarubo, Russia

12.30-12.45 **Minimally invasive approach for surgical treatment of craniovertebral junction meningiomas**

Stanislav Kaprovoy, Russia

12.45-13.00 *Discussion*

13.00-13.30 *Lunch*

13.30-14.15 RAPID CROSSFIRE SESSION 2

COMPLEX AND COMPLICATED CASES - OPEN ACCESS PANEL SESSION

Moderators: Bernhard Meyer, Nikolay Konovalov, Kevin Foley, John Duff, Rok Vengust



MAIN SCIENTIFIC SESSION 9: DEGENERATIVE SPINE

Moderators: Kenan Arnautovic, Dmitry Dzukaev, Yavor Enchev

HALL 2

- 14.15-14.30 KEY NOTE LECTURE**
Lumbar disc herniation: is microsurgery exceeded?
Alberto Delitala, Italy
- 14.30-14.45 KEY NOTE LECTURE**
Degenerative low and high grade spondylolisthesis
Andreas Demetriades, UK
- 14.45-15.00 Lumbar Spine Instrumentation**
Milos Jokovic, Serbia
- 15.00-15.15 Different Microsurgical Non-fusion Techniques for Cervical Radiculopathy**
Yury Shulev, Russia
- 15.15-15.30 Anterior cervical corpectomy in the treatment of degenerative and tumorous processes of the cervical spine**
Mitja Benedicic, Slovenia
- 15.30-15.45 Anterior cervical approach for the treatment of cervical myelopathy**
Danilo Radulovic, Serbia
- 15.45-16.00 Biological nucleoplasty - emerging treatment**
Vladimir Papic, Serbia
- 16.00-16.15 Central Cord Syndrome - Surgical Treatment Nuances**
Nenad Novakovic, Serbia
- 16.15-16.30 Discussion**
- 16.30-16.45 Coffee break**

MAIN SCIENTIFIC SESSION 10: GROWING SPINE AND ADULT DEFORMITIES

Moderators: Aleksandr Mushkin, Bruno Splavski, Zdeslav Milinkovic

HALL 2

16.45-17.00 KEY NOTE LECTURE

Sagittal balance in spinal neurosurgery
Evgeny Brinyuk, Russia

17.00-17.15 KEY NOTE LECTURE

Accurate Placement of Percutaneous Pedicle Screws without the Use of Neuronavigation/O-arm Technology and Reduction-fixation of Lumbar Spondylolisthesis by Percutaneous Pedicle Screws and a Minimal Access approach
Sujoy Sanyal, India

17.15-17.30 Treatment of the degenerative diseases of vertebral column

Branko Djurovic, Serbia

17.30-17.45 Corner osteotomy for treatment of fixed sagittal malalignment following previous spinal fusion; case series

Rok Vengust, Slovenia

17.45 -18.00 Comparative analysis of surgical treatment of patients with congenital thoracic spine deformities using thoracic expansion devices and spinal correction and fusion

Sergey Vissarionov, Russia

18.00-18.15 Segmental stabilisation of pathologic fractures of thoracolumbar spine

Stanko Milickovic, Serbia

18.15-18.30 Post operative pain in lumbar degenerative spine surgery

Said Ait Benali, Morocco

18.30-18.45 Modern treatment options for degenerative scoliosis

Goran Pavlicevic, Serbia

18.45-19.00 Our experience in treatment of single level cervical degenerative disc disease with ACDFP

Aleksandar Chaparoski, Macedonia

19.00-19.15 Discussion

08.00-19.20 E-POSTER PRESENTATION

Area for Poster presentation

20.30-00.00 Serbian Traditional Dinner



Sunday, 7th October 2018

07.30 Registration

PLENARY SESSION 3

Moderators: : Dmitry Ptashnikov, Peter Banczerowski, Roberto Delfini

HALL 1

08.00-08.20 **Outpatient Cervical Spine Surgery**
Eirik Helseth, Norway

08.20-08.40 **The videoendoscopic techniques in the surgical treatment of patients with thoracolumbar trauma**
Andrey Grin, Russia

08.40-09.00 **Current concept in minimal invasive spine surgery**
Kresimir Rotim, Croatia

09.00-09.20 **The correction of degenerative scoliosis of adults with the use of minimally invasive technologies (LLIF, ALIF, MIS posterior fixation)**
Vladimir Klimov, Russia

09.20-09.40 **Surgical management of the vascular malformations of the spinal cord**
Marcel Ivanov, UK

09.40-10.00 **multilevel vcr in the treatment of complex spinal deformities in adults**
Dmitry Ptashnikov, Russia

SNSS Tribute: MADJID SAMII LECTURE 2

10.00-10.30 **Modern aspects of minimally invasive spinal surgery**
Nikolay Konovalov, Russia

INTRO Lukas Rasulic

10.30-10.45 *Coffee break*



MAIN SCIENTIFIC SESSION 11: MINIMAL INVASIVE SPINE SURGERY

Moderators: Jesus Lafuente, Eirik Helseth, Alexander Krutko

HALL 1

10.45-11.00 KEY NOTE LECTURE

Evolution of minimally-invasive techniques in instrumented thoraco-lumbar surgery: our experience

Roberto Delfini, Italy

11.00-11.15 KEY NOTE LECTURE

Role of minimal invasive techniques and new classification system in the surgical treatment of pathologies situated in the spinal canal

Peter Banczerowski, Hungary

11.15-11.30 Do obese patients benefit from minimally invasive lumbar fusion techniques?

Wolfgang Senker, Austria

11.30-11.45 MIS Techniques in Our Adult Deformity Practice: Real Opportunities and Pitfalls

Sergey Mlyavykh, Russia

11.45-12.00 Full-endoscopic operations of lumbar disc herniation and spinal stenosis - state of the art, possibilities and retrospective review of overall 1054 operated patients

Marko Markovic, Serbia

12.00-12.15 Transforaminal endoscopic discectomy - why this is the best surgery what we can offer to our patients

Robert Saftic, Croatia

12.15-12.30 Endoscopic-assisted fenestration and discectomy in lumbar disc hernia using EasyGo

Roman Bosnjak, Slovenia

12.30-12.45 Percutaneous minimally invasive procedures for osteoporotic vertebral compression fractures – current concepts

Yavor Enchev, Bulgaria

12.45-12.55 Discussion



YOUNG NEUROSURGEONS FORUM - SNSS & SEENS AWARD SESSION

Moderators: Djula Djilvesi, Ibrahim Omerhodzic, Ivan Stefanovic,
Ljubodrag Minic, Tomislav Sajko

HALL 1

- 13.00-13.08 **Microsurgical Discectomy – Discectomy or Segmental Decompression, a Technical Approach**
Igor Popovic, Serbia
- 13.08-13.16 **Spinal Stenosis Patophysiology – Histological Analysis of the Ligamentum Flavum**
Vuk Aleksić, Serbia
- 13.16-13.24 **Stenosis versus Ischemia of the Spinal Canal – Contact Endoscopy Blood Flow Patterns**
Nenad Zivković, Serbia
- 13.24-13.32 **Ataxia of the Legs – Lumbar Spinal Stenosis vs. Alzheimer Disease**
Marko Samardžić, Serbia
- 13.32-13.40 **Current trends in lumbar disc surgery: Is there the right way?**
Jagoš Golubovic, Serbia
- 13.40-13.48 **Short term outcome of surgical treatment of patients with lumbar disc herniation**
Miroslav Fimic, Serbia
- 13.48-13.56 **Is a picture worth a thousand words? Correlation between MRI findings and clinical presentation in patients with lumbar disc herniation and nerve root compression**
Filip Pajicic, Serbia
- 13.56-14.04 **Complications after surgery for thoracic disc herniation: a systematic review and network meta-analysis**
Christos Tzerefos, Greece
- 14.04-14.12 **Experience of using laser effects on the intervertebral disc with puncture access**
Angelina Gorodnina, Russia
- 14.12-14.20 **Comparative analysis of allo and auto transplants in cervical myelopathy solutions - multisegmental approach**
Luka Berilazic, Serbia
- 14.20-15.00 **YOUNG NEUROSURGEONS AWARD
BEST ORAL PRESENTATION AND E-POSTER AWARDS
CLOSING CEREMONY**
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MAIN SCIENTIFIC SESSION 12: GROWING SPINE AND ADULT DEFORMITIES

Moderators: Sergey Vissarionov, Ibrahim Omerhodzic, Danilo Radulovic

HALL 2

10.45-11.00 KEY NOTE LECTURE

The cervical spine congenital and genetic abnormalities and deformities
Alexander Gubin, Russia

11.00-11.15 KEY NOTE LECTURE

Neurophysiological aspects to motor control of lumbar cord and spine
Milan Dimitrijevic, USA

11.15-11.30 Surgical techniques and planning in treatment of 3D spinal deformities
Zdeslav Milinkovic, Serbia

11.30-11.45 Evaluating management strategies and outcome measures for patients with synovial cysts of the lumbar spine
Bruno Splavski, Croatia

11.45-12.00 Non-traumatic cervical-thoracic surgical spinal pathology in children
Alexander Mushkin, Russia

12.00-12.15 Efficacy of DREZ lesioning in managing pain following spinal cord injury
Milan Spaic, Serbia

12.15-12.30 Surgery of adolescent idiopathic scoliosis
Onur Yaman, Turkey

12.30-12.45 Cheap and efficient lumbar fixation and fusion
Imad Talahma, Palestine

12.45-12.55 Discussion

E-POSTER EVALUATION AND DISCUSSION SESSION
Moderators: Martin Smrcka, Anton Nazarenko, Vladimir Papic

HALL 2

- 13.00 - 14.00 Use of X-RAY guided transforaminal periradicular infiltration for sciatica**
Nenad Zivkovic, Serbia
- A novel approach in isthmic spondylolisthesis; spino-semilaminafacet sparing**
Ahmet Öğrenci, Turkey
- The Effect of the Location of Dural Tear and Repairment in Pneumocephalus After Spinal Surgery**
Ahmet Öğrenci, Turkey
- Spinal Dysraphism in Children: Our Experience in Ninety-Nine Patients**
Mirjana Raicevic
- The effect of intraoperative positioning on lumbar lordosis**
Murat Sayin, Turkey
- Full-Endoscopic radiofrequency ablation for treatment of facet joint pain**
Nenad Zivkovic, Serbia
- Spontaneous regression of cervical disc herniation in a patient with myelopathy**
Danilo Radulovic, Serbia
- Cervical spondylotic myelopathy: 4 years of retrospective outcome analysis**
Danilo Radulovic, Serbia
- Intraoperative neurophysiological monitoring during anterior cervical discectomy and fusion**
Vedrana Karan, Serbia
- Recovery of the patients operated from lumbar disc hernia: risk factor - smoking**
Aleksandar Kostic, Serbia
- Comparsion of cortical bone trajectory screws vs. transpedicular screws for spinal fusion at L4-L5 level**
Pen Matic, Slovenia
- Cervical spine trauma associated with multiline skull fracture (case report)**
Boris Djurovic, Montenegro
- Surgical treatment for lumbar disc herniation in the Clinical centre of Montenegro: statistical results from 2006-2018**
Boris Djurovic, Montenegro
- Isolated human intervertebral disc cells as a useful platform for in vitro toxicology assessment**
Tomaz Velnar, Slovenia

The combination of spinal degeneration and oscillation may result in atypical cervical spinal cord injury: a case series

Tomaz Velnar, Slovenia

Patient satisfaction and functional outcome after standard lumbar discectomy and microdiscectomy

Vojin Kovacevic, Serbia

Factors that correlate with favorable outcome in surgical treatment of lumbar disc herniation

Vojin Kovacevic, Serbia

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