

WFNS2022 | SCIENTIFIC PROGRAM

13/03/2022

07:50 - 09:45 PRE-CONGRESS COURSE PERIPHERAL NERVE SURGERY - I

Room J **Moderators:** *Froni, Luciano*
Socolovsky, Mariano

- 7:50 - 08:00 Opening
Lukas Rasulic (Serbia)
- 8:00 - 08:15 Transient Electronics to Enhance Nerve Regeneration
Wilson Ray (United States)
- 8:15 - 08:30 Nerve Graft Avoidance and Repairing Nerves Under Tension
Justin Brown (United States)
- 8:30 - 08:45 Facial Resuscitation Through the Masseter-Facial Transfer Technique
Marjeane Cristina Hockmuller (Brazil)
- 8:45 - 09:00 High resolution nerve ultrasound in peripheral nerve surgery
Christian Heinen (Germany)
- 9:00 - 09:15 DSN as an Additional Neurotizer for Better Elbow Stability and Elbow Flexion in Complete Brachial Plexus Palsy Patients
Lukas Rasulic (Serbia)
- 9:15 - 09:30 Not Usually Considered Factors that Affect the Outcome in Brachial Plexus Injuries
Mariano Socolovsky (Argentina)
- 9:30 - 09:45 Discussion

10:15 - 12:45 PRE-CONGRESS COURSE PERIPHERAL NERVE SURGERY - II

Room J **Moderators:** *Brown, Justin*
Guedes Correa, José Fernando

- 10:15 - 10:30 Different strategies in complete brachial plexus injuries
Luciano Foroni (Brazil)
- 10:30 - 10:45 Nerve transfer in Lower extremity
Allan Belzberg (United States)
- 10:45 - 11:00 Brachial Plexus Injury in Children Outside the Neonatal Period
Ricardo De Amoreira Gepp (Brazil)
- 11:00 - 11:15 Peripheral Nerve Injury in Children: Evaluation and Management
Holly Gilmer (United States)
- 11:15 - 11:30 Nerve Transfers for Tetraplegia
Wilson Ray (United States)
- 11:30 - 12:00 Discussion

14:00 - 15:30 PRE-CONGRESS COURSE PERIPHERAL NERVE SURGERY - III

Room J **Moderators:** *Isla, Alberto*
Belzberg, Allan

- 14:00 - 14:15 Thoracic Outlet Syndrome
Mariano Socolovsky (Argentina)
- 14:15 - 14:30 Results of Surgical Treatment for the Cubital Tunnel Syndrome Using the Subcutaneous Transposition and in Situ Decompression in a 20 Year Period (2001-2020) - More Than 1000 patients.
Ivan Humhej (Czech Republic)
- 14:30 - 14:45 Endoscopic Carpal Tunnel Release-What is at the End of Tunnel
Amitendu Sekhar (India)
- 14:45 - 15:00 Superior Cluneal Nerve Entrapment: Underestimated Cause of Low Back Pain
Radek Kaiser (Czech Republic)
- 15:00 - 15:30 Discussion

16:00 - 18:30 PRE-CONGRESS COURSE PERIPHERAL NERVE SURGERY - IV

Room J **Moderators:** *Martinez, Fernando*
Humhej, Ivan

- 16:00 - 16:15 Peripheral Nerve Tumors
Allan Belzberg (United States)
- 16:15 - 16:30 Peripheral Nerve Tumors from a radiological point of view
Daniela Binaghi (Argentina)
- 16:30 - 16:45 Surgical approach in Tumors Peripheral Nerve Surgery
Fernando Martinez (Uruguay)
- 16:45 - 17:00 Intraneural Perineuriomas: Diagnosis, Natural History, and Management
Thomas Wilson (United States)
- 17:00 - 17:15 Technical Aspect for the Resection of Intrapelvic sciatic PNST
Line Jacques (United States)
- 17:15 - 17:30 Tumors of the Brachial Plexus
Alberto Isla (Spain)
- 17:30 - 17:45 Management of Lumbosacral Plexus Tumors
José Fernando Guedes Correa (Brazil)
- 17:45 - 18:00 Treatment of Neuromas: Current Techniques
Carlos Rodríguez (Mexico)
- 18:00 - 18:30 Discussion and Final Remarks
Lukas Rasulic (Serbia)
- 18:00 - 18:30 Discussion and Final Remarks
Mariano Socolovsky (Argentina)

07:00 - 08:30 STATE OF ART - Peripheral I

Room J **Moderators:** *Binaghi, Daniela*
Rasulic, Lukas

- 7:00 - 07:15 Why Neurosurgeons Should Perform Peripheral Nerve Surgery?
Mariano Socolovsky (Argentina)
- 7:15 - 07:30 Nerve Sheath Tumors
Thomas Wilson (United States)
- 7:30 - 07:45 Neural Tumors of the Sacrum
Alberto Isla (Spain)
- 7:45 - 08:00 Desmoid Tumor: What Should We do
Carlos Rodríguez (Mexico)
- 8:00 - 08:15 Update on Management of Peripheral Nerve Tumors
José Fernando Guedes Correa (Brazil)
- 8:15 - 08:30 Discussion

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Peripheral I

Room J **Moderators:** *España, Julian*
Rodríguez, Carlos

- 8:40 - 08:55 Transient Electronics to Enhance Nerve Regeneration
Wilson Ray (United States)
- 8:55 - 09:10 The Role of a Somatic to Autonomic Nerve Transfer In Restoring Micturition - From Basic Science to the Clinic
Justin Brown (United States)
- 9:10 - 09:25 Open versus endoscopic carpal tunnel release
Fernando Martinez (Uruguay)
- 9:25 - 09:40 Managing Complications Related to Peripheral Nerve Surgery
Lukas Rasulic (Serbia)
- 9:40 - 10:10 Discussion

16:30 - 18:10 PERSONAL NEUROSURGICAL PRACTICE AND RESEARCH - PR1 | Peripheral

Room BC **Moderators:** *Socolovsky, Mariano*
Rasulic, Lukas
España, Julian

- 16:30 - 16:40 Hand Reinnervation outcomes in Traumatic Brachial Plexus Injury: a systematic review
Rhuann Pontes Santos Silva (Brazil)
- 16:40 - 16:50 IS IT POSSIBLE TO IMPROVE AXILLARY NERVE RESULTS IN BRACHIAL PLEXUS SURGERIES
Luciano Foroni (Brazil)
- 16:50 - 17:00 FIRST REPORT OF PERIPHERAL NERVES SURGERY IN ANGOLA
Adilson De Oliveira (Angola)
- 17:00 - 17:10 Dual Neurotization for Shoulder Reanimation for best functional outcome
Amit Thapa (Nepal)
- 17:10 - 17:20 Obstetrical brachial palsy a serious problem in Angola and the first steps towards a solution
Adilson De Oliveira (Angola)
- 17:20 - 17:30 Impact of covid-19 on the amount of brachial plexus microsurgery with micrografting during 2020 : retrospective control case study
laçanã Teixeira (Brazil)
- 17:30 - 17:40 The beginning of peripheral nerve surgery in a tertiary neurosurgery department: the first 30 peripheral nerve tumors results
Leandro Oliveira (Portugal)
- 17:40 - 17:50 Comparative study of two nerve transfer techniques for axillary nerve reinnervation.
Natalia Burgos-Morales (Ecuador)
- 17:50 - 18:00 Case report: Multiple malignant schwannomas in peripheral nerves
Victor Enrique Antolinez Ayala (Colombia)

07:00 - 09:30 STATE OF ART - Peripheral II

Room J **Moderators:** *Socolovsky, Mariano*
Gepp, Ricardo De Amoreira

- 7:00 - 07:15 Nerve Injury and Pain
Allan Belzberg (United States)
- 7:15 - 07:30 Brachial plexus neurography: What can be known from imaging
Daniela Binaghi (Argentina)
- 7:30 - 07:45 Traumatic Brachial Plexus - Where to Begin
Amitendu Sekhar (India)
- 7:45 - 08:00 Surgical management of pediatric patients with peripheral nerve and plexus lesions caused by stray bullets
José Fernando Guedes Correa (Brazil)
- 8:00 - 08:15 Pearls for Brachial Plexus Injury Reconstruction: Timing and Surgical Intervention
Lukas Rasulic (Serbia)
- 8:15 - 08:30 Advance Imaging in Peripheral Nerve Surgery
Line Jacques (United States)
- 8:30 - 08:45 Use of Thoracoscopy to Obtain a Long Graft of the Phrenic Nerve
Ricardo De Amoreira Gepp (Brazil)
- 8:45 - 09:15 Discussion
- 9:15 - 09:30 Final Remarks
Lukas Rasulic (Serbia)
- 9:15 - 09:30 Final Remarks
Mariano Socolovsky (Argentina)

16:50 - 17:10 PLENARY SESSION - Peripheral Nerve

Auditorium **Moderators:** *Perilla, Tito*
Grotenhuis, André
Borba, Luis

- 16:30 - 16:50 Peripheral Nerve Surgery. Update and Future.
Lukas Rasulic (Serbia)