

SECOND ANNOUNCEMENT



An unique opportunity to get immerse in peripheral nerve surgery with some of the best specialists of the world

2nd Theoretical, Practical & Hands-on International Course in Peripheral Nerve & Brachial Plexus Surgery

3rd Annual Meeting of Serbian Neurosurgical Society (SNSS)

Joint meeting with Southeast Europe Neurosurgical Society (SEENS)

94th Anniversary of Neurosurgery in Serbia

79th Anniversary of Clinic for Neurosurgery at Clinical Centre of Serbia

ORGANIZED BY

The Peripheral Nerve Surgery
Committee of the World
Federation of Neurosurgical
Societies (WFNS)



AND

University of Belgrade,
School of Medicine,
Institute for Anatomy



Department of Peripheral
Nerve Surgery, Functional
Neurosurgery and Pain
Management Surgery
Clinic for Neurosurgery,
Clinical Center of Serbia



Serbian Neurosurgical
Society (SNSS)

Southeast Europe
Neurosurgical Society (SEENS)



October 31st - November 3rd 2017

University of Belgrade / School of Medicine / Institute for Anatomy "Niko Miljanić"

Belgrade, Serbia

Endorsed and sponsored by

WFNS
Serbian Neurosurgical
Society
Industry representatives

Course Directors

Lukas Rasulic
Mariano Socolovsky
Branislav Filipovic

Applied Anatomy Course Director

Laslo Puskas



WFNS Grants
Available

COURSE DIRECTORS WELCOME ADDRESS

Dear colleagues, dear friends,

It is my utmost honour, pleasure and privilege to welcome you to the Second Theoretical, Practical & Hands-on International Course in Peripheral Nerve and Brachial Plexus Surgery, which will be held in Belgrade, Serbia, from October 31st to November 3rd 2017.

Building on the great success of its predecessor held in Leon, Spain last year, this important educational event – organized by the Peripheral Nerve Surgery Committee of the World Federation of Neurosurgical Societies (WFNS), this time in cooperation with the Clinic for Neurosurgery at the Clinical Center of Serbia, Institute for Anatomy at the Belgrade University School of Medicine, Serbian Neurosurgical Society, and Southeast Europe Neurosurgical Society – comprises a hands on cadaver course, the first of its kind in the field of peripheral nerve surgery in Southeast Europe. In line with the current trends in the world of neurosurgery, the course offers an outstanding platform for advancing highly specialized knowledge and skills towards the subspecialization in peripheral nerve surgery, grounded in the synergy and collaborative practice of neurosurgeons, orthopedic surgeons, plastic surgeons, hand surgeons and microsurgeons.

Appreciating the exceptional opportunity to perform hands-on skills training activities using cadavers, we thank the Belgrade University School of Medicine, especially the Institute of Anatomy, for all the support in creating the conditions to conduct this groundbreaking course, which will contribute to further high CME and CPE ranking.

We also thank the WFNS Preripheral Nerve Surgery Committee, especially the chairman Mariano Socolovsky, for acknowledging the merit

and reputation of the Department of Peripheral Nerve Surgery, Functional Neurosurgery and Pain Management Surgery at the Clinic for Neurosurgery, Clinical Centre of Serbia. At this point it is worth recalling the famous quote by the American anthropologist Margaret Mead: “Never doubt that a small group of thoughtful, committed citizens will change the world; indeed, it is the only thing that ever has.” We are glad to see that the 25-year-long dedicated efforts of a small group of committed neurosurgeons from Serbia, whose doyens include Miroslav Samardžić and late Zoran Roganović, have made Belgrade clearly visible on the world map of peripheral nerve surgery. This course bears witness of our commitment to keeping up to that legacy and facing the new challenges in the field. It is a welcome addition to the long list of the continued activities organized by the WFNS PNS Committee around the world over the past decade with active participation of the representatives from Serbia. With a view to the future, we cherish the remarkable professional collaboration and friendship in the Committee, and thank all the relevant institutions, as well as industry partners, for supporting our endeavours aimed at a better neurosurgery of tomorrow.

The course features a rich and dynamic programme, with a comprehensive multidisciplinary approach, covering a range from basic to innovative aspects of peripheral nerve and brachial plexus surgery in a stimulating way. The faculty include over forty world's leading experts from various pertinent disciplines.

Hence, and additionally in view of the fact that the host city of Belgrade is well known for its hospitality, I am confident that this event will open new perspectives and result in a memorable mind and soul enriching interprofessional and interpersonal exchange.

Welcome!

Prof. dr Lukas Rasulić

Course Director

SNSS President,

School of Medicine University of Belgrade

Head of Department of Peripheral Nerve Surgery, Functional Neurosurgery and Pain Management Surgery, Clinic for Neurosurgery, Clinical Center of Serbia, Belgrade, Serbia

Vice-Chairman of the Peripheral Nerves Surgery Committee of the World Federation of Neurosurgical Societies (WFNS),

SeENS Vice President



COURSE DIRECTORS WELCOME ADDRESS

Dear colleagues and friends:

It is my pleasure to welcome you all to this Second Theoretical Practical & Hands-On Course on Peripheral Nerve Surgery.

The Peripheral Nerve Committee of the World Federation of Neurosurgical Societies has been working actively over the last several years to increase the number of surgeons dedicated to surgically correcting pathology involving the peripheral nerves and plexuses. Thanks to the active participation of many specialists from different parts of the world, the committee has developed a number of activities, which include two books, a free online course (2015-2016) and several educational activities during WFNS Congresses.

The interest that has arisen in peripheral nerve surgery has, in turn, spurred the creation of a general course that includes all aspects of the subspecialty, from basic knowledge to all the surgical procedures, including those that are the most complex.

The First Course was held in the city of Leon, Spain, in 2016, and it was hugely successful, both in the number of participants and speakers. Therefore, we have decided to organize a Second Course in Belgrade, Serbia. For this second conference, the number of speakers has increased, as have the number of conferences and topics. We are firmly convinced that this constitutes a unique

opportunity for those interested in peripheral nerve surgery to meet many of the most renowned names in that field worldwide, all together in an informal setting where scientific discussions and direct interactions between speakers and participants is assured.

Any surgeon interested in peripheral nerve and plexus surgery, whether experienced or just a beginner, will surely find this course of tremendous use.

I want to sincerely thank Professor Lukas Rasulic and his team, first for accepting the huge responsibility of organizing this course; and second, for having worked so hard since then to ensure the best experience possible.

I also want to thank all of the speakers who have agreed to participate and generously share their knowledge. They have travelled here from different countries all around the world, each making a personal effort that deserves our recognition and gratitude.

Finally, I want to welcome all neurosurgeons, plastic surgeons, orthopedists, microsurgeons, physiatrists, physiotherapists, neurologists and other interested clinicians to take part in this special and highly-unique event. I firmly believe that they all will return home with their head full of new knowledge that they can readily apply in their clinical practice, to the benefit of their patients.

Dr Mariano Sokolovsky

Course Director,

Chairman, Peripheral Nerve Committee,

World Federation of Neurosurgical Societies

Director, Peripheral Nerve & Plexus Surgery Unit,

Department of Neurosurgery,

University of Buenos Aires School of Medicine, Buenos Aires Argentina



COURSE DIRECTORS WELCOME ADDRESS

Dear colleagues, dear friends!

It is my pleasure and honor to have this opportunity to welcome you all on behalf of the entire staff to the course "Theoretical and Practical International Hands-on Course In Peripheral Nerve & Brachial Plexus Surgery", which partially will be held in our Institute of Anatomy "Niko Miljanic".

This is the first course of the kind that involves anatomy, as the basic subject, in the practical part of skill practice. Hic mortui vivantes docent, the old Latin proverb, „Here dead instruct living persons“,

means that the bodies of deceased, with all necessary respect, could serve us to educate students and doctors in the attempt to reach the excellence in medical profession. Our Institute is the oldest among all institutes and clinics of the University of Belgrade School of Medicine, definitely built in 1927, but the construction started in 1921, on the base of plans brought by our founder, Prof. Niko Miljanic, whose name our Institute wears proudly from 2006.

Once again, I wish you the fruitful education course to all attendants and a pleasant stay in Belgrade, famous by its hospitality throughout the World.

Prof. dr Branislav Filipović

*Chairman of The Institute of Anatomy "Niko Miljanic",
School of Medicine University of Belgrade,
Belgrade, Serbia*



Honorable guests and colleagues,

It is a great pleasure to greet attendants of "2nd Theoretical and Practical International Course In Peripheral Nerve & Brachial Plexus Surgery" which will partly take place at the Institute of Anatomy "Niko Miljanic."

The aim of the initiative of professor doctor Lukas Rasulic is interactive exchange of knowledge between us here, in Serbia, and You, respectable foreign participants of this unique convention. Quotation of the Latin sentence by executive manager of this training course, professor doctor Branislav Filipović that "the dead teach living" (mortui vivos docent) will be shown in practice during this course with full respect of human

material. In fact, for the first time on one medical training course, the anatomy will be included in full capacity after 90 years since construction of this building, in which practice part of lessons will takeplace. This training course, therefore, will give us not only chance for exchange and acquisition of the new knowledge, but also for beginning of incorporation of the anatomy as the basic science in the process of curing patients by the means of the neurosurgery.

Let us say it once again, "go forward in conquering of new knowledge," but we also wish you to enjoy during your stay in our city. I am sure that you will be cordially welcomed by your colleagues, and the city of Belgrade too.

Prof. dr Laslo Puškaš

*Head of the Department for Anatomy,
Institute of Anatomy "Niko Miljanic",
School of Medicine, University of Belgrade,
Belgrade, Serbia*



COURSE OVERVIEW

It is our great privilege, honor and pleasure to announce that the 2nd **Theoretical and Practical International Hands-on Course In Peripheral Nerve & Brachial Plexus Surgery of The Peripheral Nerve Surgery Committee of the World Federation of Neurosurgical Societies (WFNS)** will take a place in **Belgrade** during the period from **October, 31st until November, 3rd 2017**.

This Course, one of the world's top level multidisciplinary event in the field of the Peripheral Nerve Surgery (PNS), is going to be organized and hosted by:

The Peripheral Nerve Surgery
Committee of the World
Federation of Neurosurgical
Societies (WFNS)



University of Belgrade,
School of Medicine,
Institute for Anatomy



Department of Peripheral Nerve
Surgery, Functional Neurosurgery and
Pain Management Surgery,
Clinic for Neurosurgery,
Clinical Center of Serbia



Serbian Neurosurgical
Society (SNSS)



Southeast Europe
Neurosurgical Society (SEENS)



We envisage a rich and dynamic scientific programme, which will cover all aspects of peripheral nerve surgery, from basics to innovative. The invited speakers at this event will include the world's leading experts in the field of peripheral nerve and brachial plexus surgery, who will contribute to the exchange of new knowledge and skills. This Course will have the patronage and support of all relevant institutions of Republic of Serbia.

Course topics:

- *Basic principles of diagnosis in peripheral nerve injuries*
- *Clinical Examination*
- *Basics, indications and surgical techniques in trauma*
- *Special problems in traumatic injuries*
- *Peripheral Nerve Tumors*
- *Nerve compressions of the upper limbs*
- *Nerve compressions of the lower limbs*
- *Pain and peripheral nerve surgery*
- *What can peripheral nerve surgeons do for tetraplegics?*
- *Adult Brachial Plexus Surgery*

- *Obstetric brachial plexus-the basics*
- *Practical part-Cadaveric dissections*
 - *Dissections by participants-upper limb*
 - *Dissections by participants-lower limb*

In particular, we would like to mention that this very important and efficient educational event of World Federation of Neurosurgical Societies (WFNS) is going to be in concordance with:

- 3rd Annual Meeting of Serbian Neurosurgical Society (SNSS)
- Joint meeting with Southeast Europe Neurosurgical Society (SeENS)
- 94th Anniversary day of neurosurgery in Serbia
- 79th Anniversary day of Clinic for neurosurgery CCS (October 31st)

In accordance with our practice, this Course will be accredited by EACCME and Health Council of the Republic of Serbia.

COURSE VENUE

University of Belgrade,
School of Medicine
Street Dr Subotica 8,
11000 Belgrade, Serbia
www.mfub.bg.ac.rs



University of Belgrade,
Institute for Anatomy
"Niko Miljanić"
Street Dr Subotica 4,
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www.mfub.bg.ac.rs



COURSE DIRECTORS



Prof. dr Lukas Rasulić

SNSS President,
School of Medicine University of Belgrade
Head of Department of Peripheral Nerve Surgery, Functional
Neurosurgery and Pain Management Surgery, Clinic for Neurosurgery,
Clinical Center of Serbia, Belgrade, Serbia
Vice-Chairman of the Peripheral Nerves Surgery Committee
of the World Federation of Neurosurgical Societies (WFNS),
SeENS Vice President



Dr Mariano Sokolovsky

Chairman, Peripheral Nerve
Committee, World Federation of Neurosurgical Societies
Director, Peripheral Nerve & Plexus Surgery Unit,
Department of Neurosurgery, University of Buenos Aires
School of Medicine, Buenos Aires Argentina



Prof. dr Branislav Filipović

Chairman of The Institute of Anatomy “Niko Miljanic”,
School of Medicine University of Belgrade,
Belgrade, Serbia

APPLIED ANATOMY COURSE DIRECTOR



Prof. dr Laslo Puškaš

Head of the Department for Anatomy,
Institute of Anatomy “Niko Miljanic”,
School of Medicine, University of Belgrade,
Belgrade, Serbia

ORGANIZING COMMITTEE



Prof. dr Milan Milisavljević
Institute of Anatomy
"Niko Miljanic",
School of Medicine,
University of Belgrade,
Belgrade, Serbia



Prof. dr Aleksandar Maliković
Institute of Anatomy
"Niko Miljanic",
School of Medicine,
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Prof. dr Zdravko Vitošević
Institute of Anatomy
"Niko Miljanic",
School of Medicine,
University of Belgrade,
Belgrade, Serbia

LOCAL ORGANIZING COMMITTEE



Dr Mirko Mićović
Department of Peripheral
Nerve Surgery,
Functional Neurosurgery and
Pain Management Surgery,
Clinic for Neurosurgery,
Clinical Center of Serbia,
Belgrade, Serbia



Dr Andrija Savić
Department of Peripheral
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Dr Siniša Matić
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Belgrade, Serbia

SCIENTIFIC COMMITTEE



Prof. dr Lukas Rasulić
SNSS President,
School of Medicine
University of Belgrade
Head of Department of Peripheral
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Neurosurgery and Pain Management
Surgery, Clinic for Neurosurgery,
Clinical Center of Serbia,
Belgrade, Serbia
Vice-Chairman of the Peripheral
Nerves Surgery Committee of the
World Federation of Neurosurgical
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SeENS Vice President



Dr Mariano Sokolovsky
Chairman,
Peripheral Nerve Committee,
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Director, Peripheral Nerve &
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University of Buenos Aires
School of Medicine,
Buenos Aires Argentina



Dr Debora Garozzo
Santa Maria della Misericordia
Hospital, Rovigo, Italy
Vice- Chairman of the Peripheral
Nerves Surgery Committee of
the World Federation of
Neurosurgical Societies (WFNS)



Dr Shimon Rochkind
Director of the Department of
recovery of peripheral nerves
and spinal microsurgery,
Department of Neurosurgery,
Hospital "Ichilov", Israel
Vice - Chairman of the
Peripheral Nerves Surgery
Committee of the World
Federation of Neurosurgical
Societies (WFNS)



Prof. dr Rajiv Midha
University of Calgary, Head,
Department of Clinical
Neurosciences, Canada
Vice - Chairman of the Peripheral
Nerves Surgery Committee of
the World Federation of
Neurosurgical Societies (WFNS)



Prof. Dr. Thomas Kretschmer,
IFAANS Director
University Department of
Neurosurgery,
Evangelisches Krankenhaus,
Oldenburg University, Germany

FACULTY /confirmed so far/

Addas Bassam		Malikovic Aleksandar	
Antoniades Gregor		Martinez Benia Fernando	
Belzberg Allan		Midha Rajiv	
Bhatia Anil		Milisavljevic Milan	
Binaghi Daniela		Muset Lara Alex	
Bonilla Gonzalo		Nizzo Gustavo	
Calvo Calleja Pablo		Pedro Maria Teresa	
Clifton Correa Jorge Francisco		Pretto Flores Leandro	
Cuadros Romero Miguel		Puskas Laslo	
di Masi Gilda		Raimondi Piero Luigi	
Dominguez Páez Miguel		Rasulic Lukas	
Emamhadi Mohhammadreza		Robla Costales Javier	
Filipovic Branislav		Rochkind Shimon	
Froni Luciano		Rodriguez Aceves Carlos	
Garozzo Debora		Samii Madjid	
Gilbert Alain		Schmidhammer Robert	
Guedes Fernando		Sinha Sumit	
Isla Guerrero Alberto		Siqueira Mario	
Jun-San Yang Lynda		Socolovsky Mariano Pablo	
Kliot Michael		Spinner Robert J.	
Kretschmer Thomas		Vitosevic Zdravko	
Krishnan Kartik		Winfree Christopher J.	
Leclercq Caroline		Zack Ray Wilson	
Llusa Perez Manuel		Zager Eric	

SCIENTIFIC PROGRAM

Day 1: October 31st

08:00 **Opening ceremony –Welcome addresses**

09:00 **Special Conference: Peripheral Nerve Surgery:
from my beginnings till the present (Madjid Samii, Germany)**

PART I: BASIC PRINCIPLES OF DIAGNOSIS IN PERIPHERAL NERVE INJURIES

Coordinators: Michel Kliot, Allan Belzberg, Gregor Antoniadis

09:30 Use of MRI in nerve trauma
Daniela Binaghi, Argentina

09:45 Neurosonography in nerve trauma
Maria Pedro, Germany

10:00 Neurophysiology in peripheral nerve injuries
Pablo Calvo, Spain

10:15 How to use MRI and US imaging techniques in peripheral nerve pathology: a surgeons view
Michel Kliot, USA

10:30 **Discussion**

11:00 **Coffee Break**

PART II: CLINICAL EXAMINATION

Coordinators: Mario Siqueira, Thomas Kretschmer, Alberto Isla

11:20 Clinical examination in videos: upper limb
Gilda di Masi, Argentina

11:35 Clinical examination in videos: lower limb
Gonzalo Bonilla, Argentina

11:50 Practical clinical examination: a short trip from the seat to the table
Thomas Kretschmer, Germany & Anil Bathia, India

12:05 **Discussion**

PART III: BASICS, INDICATIONS AND SURGICAL TECHNIQUES IN TRAUMA

Coordinators: Mariano Socolovsky, Rajiv Midha, Bassam Addas

12:35 Fundamentals of nerve injury and regeneration
Rajiv Midha, Canada

12:50 Surgical timing: when should we operate?
Leandro Pretto Flores, Brasil

13:05 Neurolisis: Is it useful? In which cases?
Javier Robla, Spain

13:20 Neurorraphy with and without grafts
Miguel Domínguez, Spain

13:35 Distal nerve transfers instead of primary graft repair: when, why and how?
Jorge Clifton, Mexico

13:50 **Discussion**

14:20 **Lunch**

SCIENTIFIC PROGRAM

PART IV: SPECIAL PROBLEMS IN TRAUMATIC INJURIES *Coordinators: Lukas Rasulic, Sumit Sinha, Christopher Winfree*

- 15:00 Clinical aspects of ballistic peripheral nerve injuries
Shimon Roschkind, Israel
- 15:15 Gunshot wounds: surgical treatment
Bassam Abbas, Saudi Arabia
- 15:30 Iatrogenical Injuries
Gregor Antoniadis, Germany
- 15:45 Surgical treatment of facial nerve palsy
Mariano Socolovsky, Argentina
- 16:00 Discussion**

PART V: PERIPHERAL NERVE TUMORS *Coordinators: Robert Spinner, Javier Robla, Eric Zager*

- 16:30 Nerve tumors: Basic approach
Rajiv Midha, Canada
- 16:45 Nerve tumors: to grow or not to grow, to operate or not... those are the questions!
Michel Kliot, USA
- 17:00 A clinical and radiographic score to assess malignant potential in peripheral nerve sheath tumors
Christopher Winfree, USA
- 17:15 Indications for surgery and extent of surgical resection in non-malignant versus malignant tumors
Allan Belzberg, USA
- 17:30 Malignant peripheral nerve tumors
Alberto Isla, Spain
- 17.45 Coffee break**
- 18:00 Management of brachial plexus tumors
Eric Zager, USA
- 18:15 Management of lumbosacral plexus tumors
Fernando Guedes, Brasil
- 18:30 Neurofibromatosis: which is the role of surgery?
Debora Garozzo, Italy
- 18:45 The international Schwannomatosis database
Allan Belzberg, USA
- 19:00 Intraneural ganglion cysts
Robert Spinner, USA
- 19:15 Perineuromas
Gregor Antoniadis, Germany
- 19.30 Discussion**

SCIENTIFIC PROGRAM

Day 2: November 01st

PART VI: NERVE COMPRESSIONS OF THE UPPER LIMBS

Coordinators: *Wilson Zack Ray, Shimon Rochkind, Bassam Addas*

- 08:30 Nerve conduction studies in common entrapment neuropathies
Pablo Calvo, Spain
- 08:45 Be careful! Not all compressions are compressions!
Debora Garozzo, UAE
- 09:00 Carpal tunnel: Clinical aspects and indications for surgery
Eric Zager, USA
- 09:15 Carpal tunnel syndrome: surgical technique in the open approach
Mario Siqueira, Brasil
- 09:30 Is open carpal tunnel surgery a resident's surgery? Be careful: complications should be expected!
Fernando Guedes, Brasil
- 09:45 How to operate a carpal tunnel endoscopically?
Maria Teresa Pedro, Germany
- 10:00 Literature review: controversy between open and endoscopical decompression of carpal and ulnar tunnel
Gregor Antoniadis, Germany
- 10:15 Ulnar nerve compressions: Indications and surgical technique
Sumit Sinha, India
- 10:30 Endoscopic release of ulnar nerve at the elbow
Javier Robla, Spain
- 10:45 Discussion**
- 11:15 Break**
- 11:30 Controversies in nerve compressions: do not believe all what is published!
Mariano Socolovsky, Argentina
- 11:45 Thoracic outlet syndrome: European experience
Piero Raimondi, Italy
- 12:00 Thoracic outlet syndrome: North-American experience
Eric Zager, USA
- 12:15 Suprascapular nerve compression
Miguel Quadros, Spain
- 12:30 Discussion**
- 13:00 Lunch**

SCIENTIFIC PROGRAM

PART VII: NERVE COMPRESSIONS OF THE LOWER LIMBS

Coordinators: Leandro Flores, Gilda di Masi, Debora Garozzo

- 13:30 Peroneal nerve compression
Eric Zager, USA
- 13:45 Morton's neuroma
Carlos Rodríguez, México
- 14:00 Tarsal tunnel
Maria Pedro, Germany
- 14:15 Meralgia Parestética
Fernando Martínez, Uruguay
- 14:30 Tendon transfers for steppage
Manuel Llusá, Spain
- 14:45 **Discussion**

PART VIII: PAIN AND PERIPHERAL NERVE SURGERY

Coordinators: Mario Siqueira, Mohammadreza Ememhadi, Gonzalo Bonilla

- 15:15 Basic science of neuropathic pain & neuroma formation
Allan Belzberg, USA
- 15:30 The management of neuropathic pain following brachial plexus injuries
Cristopher Winfree, USA
- 15:45 Clinical aspects of painful neuromas
Shimon Roschkind, Israel
- 16:00 The DREZ operation
Allan Belzberg, USA
- 16:15 **Discussion**
- 16:45 **Coffee break**

PART IX: WHAT CAN PERIPHERAL NERVE SURGEONS DO FOR TETRAPLEGICS?

Coordinators: Debora Garozzo, Zack Ray, Luciano Foroni

- 17:00 Nerve transfers for spinal cord injuries: North-American experience
Wilson Ray, USA
- 17:15 Nerve transfers for spinal cord injuries: Iranian experience
Mohamadreza Emamhadi, Iran
- 17:30 Muscle transfers in quadriplegic people
Caroline Leclercq, France
- 17:45 **Discussion**

SCIENTIFIC PROGRAM

Day 3: November 02nd

PART X: ADULT BRACHIAL PLEXUS SURGERY

Coordinators: *Fernando Guedes, Jorge Clifton, Bassam Addas*

- 08:30 Clinical types of brachial plexus injuries
Manuel Llusá, Spain
- 08:45 Indications for surgery in BPI: When should we operate?
Debora Garozzo, UAE
- 09:00 Quality of life after BPI surgery: The Balcan scale
Lukas Rasulic, Serbia
- 09:15 Quality of life outcome assesment in adult plexus injuries: a personal experience of 300 cases
Sumit Sinha, India
- 09:30 Brain Plasticity: Keep it in mind
Mariano Socolovsky, Argentina
- 09:45 Should brachial plexus surgeons still operate the brachial plexus?
Piero Raimondi, Italy
- 10:00 Surgical strategy in C5-C6 injuries
Mario Siqueira, Brazil
- 10:15 Normal range of motion after partial upper lesions? Is that possible
Jorge Clifton, México
- 10:30 Surgical strategy in C8-D1 injuries
Anil Bathia, India
- 10:45 Surgical strategy in complete injuries
Lukas Rasulic, Serbia
- 11:15 **Discussion**
- 11:45 **Break**
- 12:00 Where are we in complete palsies?
Piero Raimondi, Italy
- 12:15 Sensory reinnervation in BP injuries
Luciano Foroni, Brasil
- 12:30 Sensory nerve transfers are as important as motor nerve transfers?
Mohammadreza Emamhadi, Iran
- 12:45 Complications in brachial plexus surgery
Fernando Martínez, Uruguay
- 13:00 Surgery in brachial plexus surgery
Miguel Quadros, Spain
- 13:15 Late free muscle transplant: role in BP injuries
Manuel Llusá, Spain

SCIENTIFIC PROGRAM

- 13:30 Arthrodesis of the shoulder: a viable solution
Gustavo Nizzo, Argentina
- 13:45 Infraclavicular palsies: diagnosis and management
Anil Bathia, India
- 14:00 **Discussion**
- 14:30 **Lunch**

PART XI: OBSTETRIC BRACHIAL PLEXUS-THE BASICS *Coordinators: Alex Muset, Piero Luigi Raimondi, Alain Gilbert*

- 15:15 Brachial Plexus and OBPP in history: why operate?
Alain Gilbert, France
- 15:30 Natural history of OBPP and indications for surgery
Piero Luigi Raimondi, Italy
- 15:45 What to do with a neuroma in continuity that has a positive response under stimulation?
Alex Muset, Spain
- 16:00 40 years of OBPP surgery: what has changed?
Alain Gilbert, France
- 16:15 Reinnervation of elbow flexion in OBPP: grafts or nerve transfers?
Mario Siqueira, Brazil
- 16:30 Results that can be obtained in OBPP
Alex Muset, Spain
- 16:45 **Discussion**

SCIENTIFIC PROGRAM

Day 4: November 03rd

PRACTICAL PART-CADAVERIC DISSECTIONS

09:00 Innervation of the brachial and antebrachial parts of the upper limb
Zdravko Vitosevic, Serbia and Milan Milisavljevic, Serbia

09:20 Applied anatomy of brachial plexus trunci
Branko Filipovic, Serbia

9:40 Applied anatomy of the hand innervation
Aleksandar Malikovic, Serbia

10.00-13.00 Dissections by participants-upper limb

13.00 Lunch

14:00 Lumbar plexus ant topographical anatomy of the anterior abdominal wall and anterior femoral regions
Laslo Puskas, Serbia and Milan Milisavljevic, Serbia

14:20 Sacral plexus and topographical anatomy of gluteal and posterior femoral regions
Zdravko Vitosevic, Serbia and Milan Milisavljevic, Serbia

14:40 Innervation of the anterior and posterior leg regions.
Laslo Puskas, Serbia and Milan Milisavljevic, Serbia

15:00 Applied anatomy of the foot innervation
Milan Milisavljevic, Serbia

15.20-18.20 Dissections by participants-lower limb

REGISTRATION FEE

CATEGORY	PRICE
Faculty	-
Participant, Theoretical part	€ 250,00
Participant, Theoretical & Observer, max. 20 observers	€ 350,00
Participant, Theoretical & Hands-on, max. 20 practitioners	€ 500,00

IMPORTANT NOTE

- **Participant, Theoretical part** – This category allows you active participation in all theoretical part of the Course.
-
- **Participant, Theoretical & Observation** - This category allows you active participation in theoretical part and your presence in laboratories during hands-on part as Observer. Number is limited to 20 observers – based on principle first come first serve.
-
- **Participant, Theoretical & Hands-on** – This category allows you active participation in theoretical, hands-on and dissection part in laboratories. Number is limited to 20 hands-on participants – based on principle first come first serve .

On line registration is mandatory for all categories.

Please complete your registration here:
www.wfnspns2017.net

Please be informed that registration has to be completed and paid no later than September 15th, 2017. Registration fee could be paid by Invoice (Bank transfer) or by Credit Card.

Bank transfer: All payments should be in Euros (€), except for residents from Serbia who can pay in local currency (RSD). After submitting the registration form, you will receive a pro forma invoice with instructions and data for the bank transfer.

Credit card: This option is available in the On-line Registration form. After submitting the registration form, you will receive a pro forma invoice. Your credit card will be charged with specified amount within 24 hours.

Online registration system has a SSL (Security Socket Layer) certificate, so you can feel confident that your credit card information is secure and confidential.

SOCIAL PROGRAM

RECEPTIONS

- **October 29th** Faculty Welcome reception (*Faculty and by invitation only*)
- **October 31st** Gala dinner
- **November 01st** Faculty dinner (*Faculty and by invitation only*)
- **November 02nd** Serbian traditional dinner, Skadarlija Bohemian quarter of Belgrade
- **November 03rd** Farewell dinner & Belgrade Clubbing

FACULTY AND PARTICIPANTS

Please choose which program you will take part in. You can choose all.
Only Welcome Faculty reception and Faculty dinner are by the invitation.

Please complete your registration here:

www.wfnspns2017.net

ACCOMPANYING PERSON

Registration Fee - € 85,00

Social program Receptions are covered by your registration fee.

Please choose which you will take part in. You can choose all.

Please complete your registration here:

www.wfnspns2017.net

ADDITIONAL SOCIAL PROGRAM

EXCURSIONS

- **October 30th** BELGRADE SIGHTSEEING € 45,00
- **November 02nd** BELGRADE SIGHTSEEING, ROYAL BELGRADE € 70,00
- **November 04th-05th** MEET AND ENJOY SERBIA,
Oplenac, Arandjelovac & Viminacium € 260,00 per person in double room
€ 320,00 per person in single room

**NOTE: If you are interested to visit some other cities and places in the region,
please be free to contact us with your request.**

We would be happy to assist you and organize any special arrangement.

CONTACT

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