



Kliniken des Main-Taunus-Kreises GmbH



## **3<sup>RD</sup> THEORETICAL & PRACTICAL INTERNATIONAL COURSE IN PERIPHERAL NERVE & BRACHIAL PLEXUS SURGERY**

**INCLUDES LIVE SURGERIES, CASE DISCUSSIONS AND  
ENDOSCOPIC CADAVERIC APPROACHES BY  
PARTICIPANTS!**

**ORGANIZED BY THE WORLD FEDERATION OF  
NEUROSURGICAL SOCIETIES PERIPHERAL NERVE  
COMMITTEE**

**AND**

**DEPARTMENT OF NEUROSURGERY  
BAD SODEN COUNTY HOSPITAL, FRANKFURT AM MAIN, GERMANY  
INSTITUTE OF ANATOMY  
JUSTUS LIEBIG UNIVERSITY GIESSEN, GERMANY**

**24<sup>TH</sup> - 26<sup>TH</sup> SEPTEMBER 2018  
BAD SODEN (FRANKFURT AM MAIN) - GIESSEN  
GERMANY**

**COURSE DIRECTORS: KARTIK G. KRISHNAN (GERMANY)  
MARIANO SOCOLOVSKY (ARGENTINA)  
LUKAS RASULIC (SERBIA)**

### **Faculty**

Addas Bassam (Saudi Arabia)  
Antoniadis Gregor (Germany)  
Belzberg Allan (USA)  
Binaghi Daniela (Argentina)  
Bonilla Gonzalo (Argentina)  
Calvo Calleja Pablo (Spain)  
Clifton Jorge (Mexico)  
Di Masi Gilda (Argentina)  
Domínguez Paez Miguel (Spain)  
Emamhadi Mohammadreza (Iran)  
Ferraresi Stefano (Italy)  
Flores Leandro (Brazil)  
Garozzo Debora (UAE)  
Guedes Fernando (Brazil)  
Heinen Christian (Germany)

Kretschmer Thomas (Austria)  
Krishnan, Kartik G. (Germany)  
Martínez Benia, Fernando (Uruguay)  
Pedro Maria Teresa (Germany)  
Rasulic Lukas (Serbia)  
Robla Costales Javier (Spain)  
Rodríguez Aceves Carlos (México)  
Romero Xavier (Guatemala)  
Rybchenok, Vsevolod (Russia)  
Roschkind Shimon (Israel)  
Socolovsky Mariano (Argentina)  
Wimmer-Röll Monika (Germany)  
Winfrey Christopher (USA)  
Yang Lynda (USA)  
Zack Ray Wilson (USA)  
Zager Eric (USA)

For more details and registration please contact and visit: [www.wfns-pns-2018.com](http://www.wfns-pns-2018.com)

## **PRELIMINARY SCIENTIFIC PROGRAMME**

### **Day 1: 24<sup>th</sup> September 2018**

#### **THEORETICAL PART I**

##### **PART I: BASIC PRINCIPLES OF DIAGNOSIS IN PERIPHERAL NERVE INJURIES**

*Coordinators: Kartik G. Krishnan, Maria Pedro*

- 08:15      Opening
- 08:20      Use of MRI in nerve surgery  
*Daniela Binaghi, Argentina*
- 08:35      Neurosonography in nerve trauma  
*Maria Pedro, Germany*
- 08:50      Neurophysiology in peripheral nerve injuries  
*Pablo Calvo, Spain*
- 09:05      **Discussion**

##### **PART II: BASIC KNOWLEDGE IN NERVE TRAUMA**

*Coordinators: Allan Balzberg, Bassam Abbas*

- 09:25      Fundamentals of nerve injury and regeneration  
*Thomas Kretschmer, Austria*
- 09:40      Surgical Anatomy of peripheral nerves  
*Fernando Martínez Benia, Uruguay*
- 09:55      Surgical timing: when should we operate?  
*Zack Ray Wilson (USA)*
- 10:10      Coffee Break
- 10:30      Neurolisis: Is it useful? In which cases?  
*Gonzalo Bonilla, Argentina*
- 10:45      Neurorraphy with and without grafts: surgical technique  
*Miguel Domínguez, Spain*
- 11:00      Surgical treatment of partial nerve injuries  
*Leandro Flores, Brazil*
- 11:15      Nerve transfers: Basic knowledge that you should know

*Jorge Clifton, México*

Termino-lateral neurorraphy: Myth or reality?

11:30 *Leandro Flores, Brazil*

11:45 **Discussion**

### **PART III: SPECIAL PROBLEMS IN TRAUMATIC INJURIES**

*Coordinators: Mariano Socolovsky, Shimon Roschkind*

12:15 Clinical aspects of ballistic peripheral nerve injuries  
*Shimon Roschkind, Israel*

12:30 Lacerating wounds: timing and surgical treatment  
*Bassam Abbas, Saudi Arabia*

12:45 Iatrogenical Injuries  
*Gregor Antoniadis, Germany*

13:00 Peripheral nerve palsies in children following internal fixation  
management  
*Vsevolod Rybchenok, Russia*

13:15 Surgical Treatment of Facial Nerve Palsy  
*Mariano Socolovsky, Argentina*

13:30 Surgical Treatment of Accessory Nerve Palsy  
*Stefano Ferraresi, Italy*

13:45 **Discussion**

14:00 **Lunch**

### **PART IV: PERIPHERAL NERVE TUMORS**

*Coordinators: Allan Balzberg, Fernando Guedes*

14:45 How to operate a benign peripheral nerve tumor?  
*Eric Zager, USA*

15:00 Indications for surgery and extent of surgical resection in non-malignant  
versus malignant tumors  
*Allan Belzberg, USA*

15:15 The role of biopsy in PN tumors  
*Fernando Guedes, Brazil*

15:30 Endoneurial cysts of the sciatic nerve: natural versus surgical patterns of evolution  
*Stefano Ferraresi, Italy*

15:45 Neurofibromatosis: which is the role of surgery?  
*Debora Garozzo, UAE*

16:00 Discussion

#### **PART V: NERVE COMPRESSIONS OF THE UPPER LIMBS**

*Coordinators: Fernando Martinez Benia, Javier Robla*

16:25 Carpal tunnel syndrome: indications and surgical technique in the open approach  
*Eric Zager, USA*

16:40 Literature review: controversy between open and endoscopical decompression of carpal and ulnar tunnel  
*Gregor Antoniadis, Germany*

16:55 Surgical treatment of ulnar nerve compression at the elbow: Indications and techniques  
*Javier Robla, Spain*

17:10 Chronic radicular pain versus peripheral nerve pain: differential diagnosis  
*Christian Heinen, Germany*

17:25 Thoracic outlet syndrome  
*Christopher Winfree (USA)*

17:40 **Discussion**

17:10 **Coffee break**

#### **PART VI: NERVE COMPRESSIONS OF THE LOWER LIMBS**

*Coordinators: Eric Zager, Christian Heinen*

17:40 Peroneal nerve compression  
*Emamhadi Mohhammadreza (Iran)*

17:55 Tarsal tunnel  
*Carlos Rodríguez Aceves (Mexico)*

18:10 Meralgia Parestética  
*Fernando Martínez, Uruguay*

18:25 Discussion

## Day 2: 25<sup>th</sup> September 2018

### LIVE SURGERIES & CASE PRESENTATION AND DISCUSSION

8:00 Clinical examination of peripheral nerves in a living model  
*Thomas Kretschmer, Germany*

08:30 Live Surgery 1: Endoscopic Carpal Tunnel Release  
*Kartik Krishnan, Germany*

9:00 Case Presentation And Discussion (during coffee break)

10:00 Live Surgery 2: Endoscopic Ulnar Nerve Decompression  
*Kartik Krishnan, Germany*

10:45 Case Presentation And Discussion

11:00 Live Surgery 4: Endoscopic Tarsal Tunnel Release  
*Kartik Krishnan, Germany*

11:30 Case Presentation And Discussion

12:00 Live Surgery 5: Benign Peripheral Nerve Tumor Resection  
*Kartik Krishnan, Germany*

12:30 Lunch

### THEORETICAL PART II

#### PART VII: NOTIONS OF ADULT BRACHIAL PLEXUS SURGERY

*Coordinators: Lukas Rasulic, Thomas Kretschmer*

14:00 Clinical types of brachial plexus injuries (BPI)  
*Gilda di Masi, Argentina*

14:15 Indications for surgery in BPI: When should we operate?  
*Debora Garozzo, UAE*

14:30 Brain Plasticity and BPI injury: a non-recognized factor  
*Mariano Socolovsky, Argentina*

- 14:45 Results and quality of life after BPI surgery  
*Lukas Rasulic, Serbia*
- 15:00 Surgical strategy in partial injuries  
*Jorge Clifton, Mexico*
- 15:15 Surgical strategy in complete injuries  
*Fernando Guedes, Brazil*
- 15:30 *When and why should we perform surgical treatment in babies with neonatal BPI injuries?*  
*Lynda Yang, USA*
- 15:45 Clinical types of pain and differential diagnosis after nerve injuries  
*Allan Belzberg, USA*
- 16:00 Pain management strategies in neuropathic pain after BP & PN injuries  
*Kartik Krischnan, Germany*
- 16:15 **Discussion**
- PART VIII: SURGERY FOR TETRAPLEGICS: IMPROVING THEIR QUALITY OF LIFE**  
*Coordinators: Debora Garozzo, Zack Ray Wilson*
- 17:00 Peripheral nerve surgery for tetraplegics: when and how?  
*Zack Ray Wilson, USA*
- 17:15 The impact of nerve transfers in tetraplegic patients  
*Emamhadi Mohhammadreza, Iran*
- 17:30 **Discussion**

### **Day 3: 26<sup>th</sup> September 2018**

#### **Practical part - Cadaveric Dissections** **10 Cadavers Planned**

Part 1: Basics In Endoscopy and Exoscopy

Part 2: Carpal Tunnel Decompression By Participants

Part 3: Ulnar Tunnel Decompression By Participants

Lunch

## Part 4: Tarsal Tunnel Decompression By Participants

### **Venues:**

#### Theory and Live Surgery

Department of Neurosurgery  
Bad Soden County Hospital  
Kronbergerstrasse 36  
65812 Bad Soden (Frankfurt am Main)  
Germany

#### Cadaver Dissection:

Anatomy Institute  
Justus Liebig University  
Aulweg 123  
35392 Giessen  
Germany

Bus transfer from Bad Soden to Giessen will be organized by local team  
For more details and registration please contact and visit: [www.wfns-pns-2018.com](http://www.wfns-pns-2018.com)