3RD 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 GIESEN, GERMANY

24TH – 26TH SEPTEMBER 2018
BAD SODEN (FRANKFURT AM MAIN) – GIESEN
GERMANY

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

Faculty

Addas Bassam (Saudi Arabia) Kretschmer Thomas (Austria)
Antoniadis Gregor (Germany) Krishnan, Kartik G. (Germany)
Belzberg Allan (USA) Martinez Benia, Fernando (Uruguay)
Binaghi Daniela (Argentina) Pedro Maria Teresa (Germany)
Bonilla Gonzalo (Argentina) Rasulic Lukas (Serbia)
Calvo Calleja Pablo (Spain) Robla Costales Javier (Spain)
Di Masi Glda (Argentina) Romero Xavier (Guatemala)
Domínguez Paez Miguel (Spain) Rybchenok, Vsevolod (Russia)
Emamhadi Mohhamadreza (Iran) Roschkind Shimon (Israel)
Garozzo Debora (UAE) Rodriguez Aceves Carlos (México)
Flores Leandro (Brazil) Winfree Christopher (USA)
Heinen Christian (Germany) Zack Ray Wilson (USA)
Yang Lynda (USA) Zager Eric (USA)

For more details and registration please contact and visit: www.wfns-pns-2018.com
PRELIMINARY SCIENTIFIC PROGRAMME

Day 1: 24th September 2018

THEORETICAL PART I

PART I: BASIC PRINCIPLES OF DIAGNOSIS IN PERIPHERAL NERVE INJURIES

Coordinators: Kartik G. Krishnan, Maria Pedro

08:25 Opening

08:30 Use of MRI in nerve surgery
Daniela Binaghi, Argentina

08:45 Neurosonography in nerve trauma
Maria Pedro, Germany

09:00 Neurophysiology in peripheral nerve injuries
Pablo Calvo, Spain

09:15 Discussion

PART II: BASIC KNOWLEDGE IN NERVE TRAUMA

Coordinators: Allan Balzberg, Bassam Abbas

09:45 Fundamentals of nerve injury and regeneration
Thomas Kretschmer, Austria

10:00 Surgical timing: when should we operate?
Zack Ray Wilson (USA)

10:15 Neurolisis: Is it useful? In which cases?
Gonzalo Bonilla, Argentina

10:30 Neurorraphy with and without grafts: surgical technique
Miguel Domínguez, Spain

10:45 Discussion

11:00 Coffee Break
PART III: SPECIAL PROBLEMS IN TRAUMATIC INJURIES

Coordinators: Mariano Socolovsky, Shimon Rochkind

11:15  Clinical aspects of ballistic peripheral nerve injuries
       Shimon Roschkind, Israel

11:30  Gunshot wounds: surgical treatment
       Bassam Abbas, Saudi Arabia

11:45  Iatrogenical Injuries
       Gregor Antoniadis, Germany

12:00  Surgical Treatment of Facial Nerve Palsy
       Kartik Krischnan, Germany

12:15  Discussion

12:45  Lunch

PART IV: PERIPHERAL NERVE TUMORS

Coordinators: Allan Balzberg, Fernando Guedes

13:15  Indications for surgery and extent of surgical resection in non-malignant
       versus malignant tumors
       Allan Belzberg, USA

13:40  Neurofibromatosis: which is the role of surgery?
       Debora Garozzo, Italy

13:55  Discussion

PART V: NERVE COMPRESSIONS OF THE UPPER LIMBS

Coordinators: Fernando Martinez Benia, Javier Robia

14:25  Nerve conduction studies in common entrapment neuropathies
       Pablo Calvo, Spain

14:40  Carpal tunnel syndrome: indications and surgical technique in the open
       approach
       Eric Zager, USA

14:55  How to operate a carpal tunnel endoscopically?
       Maria Teresa Pedro, Germany

15:10  Literature review: controversy between open and endoscopical
       decompression of carpal and ulnar tunnel
       Gregor Antoniadis, Germany

15:25  Surgical treatment of ulnar nerve compression at the elbow: Indications
and techniques
*Javier Robla, Spain*

15:40  Endoscopic release of ulnar nerve at the elbow
*Christian Heinen, Germany*

15:55  Thoracic outlet syndrome
*Christopher Winfree (USA)*

16:10  Discussion

16:40  Coffee break

**PART VI: NERVE COMPRESSIONS OF THE LOWER LIMBS**
*Coordinators: Eric Zager, Christian Heinen*

17:10  Peroneal nerve compression
*Emamhadi Mohhammadreza (Iran)*

17:25  Tarsal tunnel
*Carlos Rodríguez Aceves (Mexico)*

17:40  Meralgia Parestética
*Fernando Martínez, Uruguay*

17:55  Discussion

18:25  Closure
Day 2: 25th September 2018

**LIVE SURGERIES & CASE PRESENTATION AND DISCUSSION**

8:00  Live Surgery 1: Endoscopic Carpal Tunnel Release  
     *Kartik Krishnan, Germany*

9:00  Case Presentation And Discussion

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

11:30 Case Presentation And Discussion

12:00 Live Surgery 4: Endoscopic Tarsal Tunnel Release  
     *Kartik Krishnan, Germany*

13:00  Lunch

14:00  Case Presentation And Discussion

15:30 Live Surgery 5: Benign Peripheral Nerve Tumor Resection  
     *Kartik Krishnan, Germany*

**THEORETICAL PART II**

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

*Coordinators: Lukas Rasulic, Thomas Kretschmer*

16:30  Clinical types of brachial plexus injuries (BPI)  
     *Gilda di Masi, Argentina*

16:45  Indications for surgery in BPI: When should we operate?  
     *Debora Garozzo, UAE*

17:00  Results that can be expected after BPI surgery: is it worth to operate?  
     *Mariano Socolovsky, Argentina*

17:15  Quality of life after BPI surgery  
     *Lukas Rasulic, Serbia*
17:30     Surgical strategy in partial injuries  
          *Yang Lynda, USA*  

17:45     Surgical strategy in complete injuries  
          *Leandro Flores, Brazil*  

18:00     Pain in BPI injuries  
          *Allan Belzberg, USA*  

18:15     **Discussion**  

18:45     **Closure**  

**Day 3: 26th 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  

Bustransfer from Bad Soden to Giessen will be organized by local team