

# GERSAM 4 | CONGRESS '25



## BOUNDARIES AND NEW HORIZONS of today's Peripheral Nerve Surgery

### PERIPHERAL NERVES AND BRACHIAL PLEXUS

2nd Joint Theoretical and Practical Course

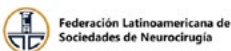
EANS / FLANC / AANS

Hamburg | Germany

## » PROGRAM | March 24th - 26th 2025

### SCIENTIFIC COMMITTEE

Fernando Guedes / BRAZIL  
Christian Heinen / GERMANY  
Mark Mahan / USA  
Lukas Rasulic / SERBIA  
Mariano Socolovsky / ARGENTINA



### INDUSTRY PARTNERS



### FACULTY

Belzberg, Allan / USA  
Binaghi, Daniela / GER  
Bonilla, Gonzalo / ARG  
Chica Heredia, Gabriela / CHILE  
Dengler, Nora / GER  
Di Masi, Gilda / ARG  
Faglioni, Wilson / BRA  
Feroni, Luciano / BRA  
Fugleholm, Kåre / DEN  
Gelderblohm, Mathias / GER  
Groen, Justus / NED  
Guedes, Fernando / BRA  
Hagemann, Christian / GER  
Heinen, Christian / GER  
Hohenberger, Peter / GER  
Hudek, Robert / GER  
Jaques, Line / USA  
Kele, Henrich / GER  
Kretschmer, Thomas / AUT  
Krishnan, Kartik / GER  
Lassner, Franz / GER  
Llorian, Evelina / BRA  
Lovaglio, Ana / ARG  
Magalhães, Marcelo / BRA  
Mahan, Mark / USA  
Martinez, Fernando / URU  
Mendonça, Marcio / BRA  
Nikolov, Nikolay / GER  
Pedro, Maria / GER  
Rasulic, Lukas / SRB  
Rochkind, Shimon / ISR  
Rodriguez, Carlos / MEX  
Socolovsky, Mariano / ARG  
Spinner, Robert / USA  
Ujwal, Yeole / IND  
Zager, Eric / USA  
Zdunczik, Anna / GER



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## PROGRAM | Monday, March 24th 2025 | Day 1

### OPENING

- 09:00 Welcome  
09:10 Introduction / Christian Heinen / Fernando Guedes / Lukas Rasulic / Mariano Socolovsky / Mark Mahan  
09:20 Why we (still) love peripheral nerve surgery / Mariano Socolovsky, ARG  
09:35 How to start performing peripheral nerve surgery? / Ujwal Yeole, IND

### EXAMINATION & DIAGNOSTICS

Chairs: Daniela Binaghi, Eric Zager

- 09:50 Physical Exam  
Eric Zager, USA  
10:05 Electrophysiology  
Mathias Gelderblohm, GER  
10:20 Peripheral Nerve Imaging - Neurosonography  
Henrich Kele, GER  
10:35 Peripheral Nerve Imaging - MR-Neurography  
Daniela Binaghi, ARG / GER  
10:50 Discussion  
11:10 Coffee break

### GENERAL CONSIDERATIONS

Chairs: Thomas Kretschmer, Mariano Socolovsky

- 11:40 Homeostasis and Pathophysiology of PN  
Christian Heinen, GER  
11:55 Fundamentals of nerve de- and regeneration  
Thomas Kretschmer, AUT  
12:10 Cortical plasticity  
Mariano Socolovsky, ARG  
12:25 Pain and spinal cord atrophy after  
peripheral nerve injury  
Mark Mahan, USA  
12:40 Discussion

Chairs: Lukas Rasulic, Carlos Rodriguez

- 13:00 Surgical techniques  
13:15 Decompression - neurolysis -  
epi-/perineuriotomy and -ectomy  
Lukas Rasulic, SER  
13:30 Open vs endoscopic techniques  
Karthik Krishnan, GER  
13:45 Grafting peripheral nerve lesions:  
Autograft vs. conduits vs. allograft.  
Carlos Rodriguez, MEX  
14:00 Basic principles of nerve transfers  
Marcio Mendonça, BRA  
Discussion  
14:20 Lunch

### COMMON ENTRAPMENT

Chairs: Kåre Fugleholm, Nora Dengler

- 15:20 Common Upper Extremity Nerve Entrapments  
Kåre Fugleholm, DEN  
15:35 Lower Extremity Nerve Entrapments  
Nora Dengler, GER  
15:50 Case 1: upper extremity entrapment  
Gabriela Chica Heredia, Chile  
Case 2: lower extremity entrapment  
TBA  
Experts panel case discussion:  
Recurrent / persistent compression

### RARE ENTRAPMENT

Chairs: Henrich Kele, Gilda de Masi

- 16:30 TOS  
Christian Heinen, GER  
16:45 Pronator / anterior interosseus / Loge de Guyon  
Marcelo Magalhanes, BRA  
17:00 Piriformis/ Pudendal  
Gilda de Masi, ARG  
Case 1  
Case 2  
Experts panel case discussion

### NERVE TRAUMA I

Chair: Evelina Llorian, Allan Belzberg

- 17:40 Epidemiology, etiopathogenesis,  
classification of nerve injuries  
Gonzalo Bonilla, ARG  
17:55 Nerve Injury decision making and timing  
Fernando Guedes / Evelina Llorian, BRA  
18:10 Surgical techniques secondary reconstruction  
Kartik Krishnan, GER  
18:25 Managing the neuroma-in-continuity  
Allan Belzberg, USA  
Case 1  
Nikolay Nikolov, GER  
Experts panel case discussion

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## PROGRAM | Tuesday, March 25th 2025 | Day 2

### INTRODUCTION

08:45 Why are we here today?  
*Mark Mahan, USA*

### NERVE TRAUMA 2

*Chair: Shimon Rochkind, Mark Mahan*

09:00 Iatrogenic lesions  
*Fernando Guedes / Evelina Llorian, BRA*

09:15 Ballistic lesions  
*Shimon Rochkind, ISR*

09:30 Modeling materials &  
peripheral nerves complications  
*Carlos Rodriguez, MEX*

09:45 Case 1  
*Gabriela Chica Heredia, CHILE*  
Case 2  
Experts panel case discussion

### NERVE TRAUMA 3: Brachial Plexus Lesion

*Chair: Fernando Martinez, Justus Groen*

10:15 Brachial Plexus anatomy and  
clinical assessment  
*Fernando Martinez, URU*

10:30 Imaging in BPI  
*Daniela Binaghi, GER / ARG*

10:45 Decision making and timing  
*Thomas Kretschmer, AUT*

11:00 Treatment algorithms in acute traumatic  
BP injury  
*Justus Groen / Willem Pondaag, NED*

11:15 Discussion

11:45 Coffee break

### NERVE TRAUMA 4: Brachial Plexus Lesion

*Chair: Wilson Faglioni, Robert Hudek*

12:05 Surgical procedures to reinnervate the shoulder  
*Fernando Martinez, URU*

12:20 Surgical procedures to reinnervate the elbow  
*Wilson Faglioni, BRA*

12:35 Surgical procedures to reinnervate the hand  
*Luciano Foroni, BRA*

12:50 The Orthopedic view on denervated shoulder  
*Robert Hudek, GER*

Experts panel case discussion

### PN SURGERY IN CENTRAL LESIONS

*Chair: Christian Hagemann, Luciano Foroni*

13:10 Surgical procedures in tetraplegic patients  
*Marc Mahan, USA*

13:25 Surgical procedures in spasticity  
*Christian Hagemann, GER*

13:40 Facial reanimation  
*Anna Zdunczyk, GER*

Discussion

14:00 Lunch break

### PN TUMORS

*Chair: Robert Spinner, Peter Hohenberger*

15:00 Frequent Benign Peripheral Nerve Tumors  
*Fernando Guedes / Evelina Llorian, BRA*

15:15 Malignant Peripheral Nerve Tumors  
*Line Jaques, USA*

15:30 PNT A sarcoma surgeon perspective  
*Peter Hohenberger, GER*

15:45 Rare PNT  
*Robert Spinner, USA*

Experts panel case discussion: Biopsy?

### PAIN

*Chair: Line Jaques, Ana Lovaglio*

16:15 Peripheral nerve surgery in pain  
*Marcelo Magalhães, BRA*

16:30 The Clinical Aspects of Painful Neuroma  
*Allan Belzberg, USA*

16:45 Neurostimulation for Neuropathic Pain  
*Ana Lovaglio, ARG*

17:00 Experts panel case discussion

17:30 Closing remarks

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## PROGRAM | Wednesday, March 26th 2025 | Day 3

09:00 Cadaver dissections

15:00 End of the day