

NEUROSURGERY  
SERVICE  
HM HOSPITALES  
IN LEÓN

# Pediatric Brachial Plexus Revisited

19 y 20 November 2021 – LEÓN (SPAIN)



## COURSE DIRECTORS:

Dr. Javier Robla Costales  
Dr. Alain Gilbert



## VENUE:

Real Colegiata de San Isidoro  
Plaza de San Martino, 5 - 24003 León

[www.peripheralnervecourse.com](http://www.peripheralnervecourse.com)

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We are happy to announce the celebration of this monographic meeting on pediatric brachial plexus; not only for the meeting itself, but for the opportunity to meet again and share our experiences in peripheral nerve and brachial plexus surgery after these complicated months of pandemic that we have lived through. To carry out this meeting, all the necessary sanitary measures will be taken to carry it out with absolute safety.

This course covers all aspects of the pediatric brachial plexus, not just obstetric brachial palsy. Aspects related to tumors and viral infections of the pediatric plexus, which are not usually addressed in peripheral nerve courses, will be addressed in the same way.

To begin with, the new diagnostic tools in obstetric plexus injuries will be presented. In a second part, the approaches to these injuries, the strategy, repair methods and results of these techniques will be discussed.

We are waiting for you in León, a unique place to share our experiences.

**Alain & Javier**

## Confirmed Speakers

J. Bahm (Aachen) - J. Casanas (Barcelona) - J. Clifton (Guadalajara) - E. Concha (Santiago de Chile) - Z. Dailana (Larissa) - E. DeVinney (Florida) - K. Doi (Yamaguchi) - S. Ferraresi (Rovigo) - F. Guedes (Rio De Janeiro) - A. Lovic (Madrid) - M. Merle (Luxemburg) - P. Pino (Santiago de Chile) - W. Pondaag (Leiden) - P. Raimondi (Milano) - M. Socolovsky (Buenos Aires) - X. Soldado (Barcelona)- D. Zlotolow (Philadelphia) - L. Yang (Michigan)

- **12:00 h. OBP**  
Why is OBP different from the Adult traumatic plexus - J. Robla (León)  
Neuroplasticity in babies - M. Socolowski (Buenos Aires)  
Baffling clinical pictures, are they all weird OBP cases? - S. Ferraresi (Rovigo)  
What about bilateral OBP? - A. Gilbert (Barcelona)
- **12:30 h. Discussion**
- **13:00 h. The new tools**  
Rootlets imaging with high resolution MRI - L. Yang (Michigan)  
Is intra operative histology reliable ? - J. Bahm (Aachen)  
Intra-operative nerve stimulation ? - A. Lovic (Madrid)  
INR and evaluation of the roots - J. Casanas (Barcelona)  
Tips on examination :  
How to examine elbow flexion and Biceps - P. Raimondi (Milan)
- **13:30 h. Discussion**
- **14:00 h. Lunch**
- **15:00 h. Technique**  
Is the timing of surgery important for the quality of results ? - J. Clifton (Guadalajara)  
Can direct sutures give better results ? - J. Bahm (Aachen)
- **15:30 h. Discussion**
- **16:00 h. Grafts and Allografts . Conduits?**  
Is there a place for conduits in BPbrepair? - M. Merle (Luxemburg)  
Use of Allografts in OBP : results of the U.S. register - E. Devinney (Florida)  
A follow-up on Allografts cases - E. Concha (Santiago de Chile)  
A series of 42 cases of OBP treated with allografts - A. Gilbert (Barcelona),  
P. Raimondi (Milan), S. Benamirouche (Algiers ), F. Bessaa (Algiers)
- **16:30 h. Discussion**
- **17:00 h. Nerve transfers : proximal and distal**  
Proximal:  
Surgical Anatomy of SAN - Z. Dailana (Larissa)  
SAN to SSN: How to minimize risks - A. Lovic (Madrid)  
Nerve Transfers for External Rotation - F. Soldado (Barcelona)  
No recovery of ER at one year : early Nerve Transfer or Late Tendon transfer? - J. Casanas (Barcelona)  
Intercostal nerve transfers in Babies: Yes or No? - F. Soldado (Barcelona) vs. P. Raimondi (Milan)  
Distal nerve transfers:  
What are the indications of Distal Nerve Transfers - J. Casanas (Barcelona)
- **18:00 h. - 19:00 h. Discussion**

- **09:00 h. Indications**  
Why an evolution in indications?  
C5-C6:  
Why pre-op diagnosis of rupture or avulsion is important - A. Gilbert (Barcelona)  
C5-C6-C7:  
The role of C7 - P. Raimondi (Milan)  
Importance of C7 - W. Pondaag (Leiden)  
Complete:  
CLC7 in babies? difficulties and technical hints - A. Gilbert (Barcelona)  
CLC7 in primary surgery? - A. Gilbert (Barcelona)  
Experience with CLC7 - D. Zlotolow (Philadelphia)
- **09:40 h. Discussion**
- **10:15 h. Strategy**  
Strategy in OBP
- **11:15 h. - 11:45 h. Coffee break**
- **11:45 h. Viral infections of the BP: Flaccid Myelitis**  
AFM in babies - D. Zlotolow (Philadelphia)  
Nerve transfers in AFM - P. Pino (Santiago de Chile)  
AFM in Europe: nerve transfers - J. Bahm (Aachen)  
Experience in Japan - K. Doi (Yamaguchi)
- **12:30 h. Discussion**
- **13:00 h. Traumatic BP**  
Experience with Traumatic Brachial Plexus injuries in children - A. Gilbert (Barcelona)  
Discussion
- **14:00 h. – 15:00 h. Lunch**
- **15:00 h. Tumors of the BP** S. Ferraresi (Rovigo)  
Experience with tumors of PBP - F. Guedes (Rio de Janeiro)
- **15:15 h. Discussion**
- **15:30 h. Late Repair** P. Raimondi (Milan)  
Is reoperation of the plexus possible? - A. Gilbert (Barcelona)
- **16:00 h. Discussion**
- **16:30 h. Results**  
Evaluation of results. What about a common system?  
The I-Pluto register - W. Pondaag (Leiden)  
The Ranger system of multicenter case collection - E. Devinney (Alachua)  
The handicap of team differences - J. Bahm (Aachen)
- **16:50 h. Discussion**
- **17:15 h. Grafts versus Nerve transfers: any scientific results?**  
Suprascapular Nerve Reconstruction: Grafts vs. Nerve transfers - W. Pondaag (Leiden)  
Variability of results in SAN-SSN transfer - A. Gilbert (Barcelona)  
Biceps reconstruction: Grafts vs. Nerve transfers - J. Clifton (Guadalajara)  
A difficult choice: primary Nerve Transfer vs. Secondary Tendon transfer - M. Merle (Luxemburg)
- **17:50 h. Discussion**
- **18:15 h. Our Ultimate goal: the Hand**  
Evaluation of hand function P. Raimondi (Milan)  
Results on the Hand – A. Gilbert (Barcelona)
- **18:30 h. Discussion**