

BARCELONA

17th-18th May 2023

HANDS-ON ANATOMY COURSE

BARCELONA

19th-20th May 2023

**REPAIR OF THE
LUMBO-SACRAL
PLEXUSES AND THEIR
TERMINAL BRANCHES**

CHAIRMEN OF THE SYMPOSIUM

Alain GILBERT



Shufeng WANG



CHAIRMEN OF THE ANATOMY COURSE

J. CASAÑAS



M. LLUSÀ



O. MERCED-O'NEILL



www.lumbosacralplexus.org

Program



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WELCOME ADDRESS

Dear Colleague,

After being postponed because of the pandemic, the Meeting on Lumbosacral Plexuses will be held on 17th-18th May 2023. I had confirmation by Shufeng WANG that he will soon be allowed to travel.

If you feel you can contribute on this difficult and rarely discussed subject of Sacro-iliac plexuses and their branches in the lower limb, do not hesitate to write to me.

The meeting will be preceded on 15th-16th May by a hands-on anatomy course on the subject where Dr. Wang can demonstrate his approaches for a limited number of participants using fresh cadavers.

More information will be given soon.

Looking forward to meeting you in Barcelona.

Organizing Committee



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GENERAL INFORMATION

VENUES



Hands On - Anatomy Course

Wednesday May 17th and Thursday May 18th, 2023

University of Barcelona - Dissection Lab
Campus Clinic de Ciències de La Salut de La Facultat De Medicina
Casanova Street 143, Floor 0, 08036 Barcelona



Repair of the lumbo-sacral plexuses and their terminal branches

Friday May 19th and Saturday May 20th, 2023

Majestic Hotel
Passeig de Gràcia, 68, 08007 Barcelona

WEBSITE

www.lumbosacralplexus.org

REGISTRATION FEES

Registration Platform available at the website
www.lumbosacralplexus.org

Hands On - Anatomy Course

Fee: 1.500€

Repair of the lumbo-sacral plexuses and their terminal branches

500€ Before April 1st, 2023

600€ After April 2nd, 2023

VAT included

TECHNICAL SECRETARIAT

TORRESPARDO
Congress Management

Napols 187 2nd floor • 08013 Barcelona - Spain

www.torrespardo.com

Contact person: Maria Unzué

m.unzue@torrespardo.com





GENERAL INFORMATION

ECO-FRIENDLY & PAPERLESS

The Course is a paperless, sustainable and environmental friendly event encouraging the use of recyclable material

SMOKING

Our Course is a non-smoking event

ATTENDANCE

The Course usually attracts between 150 and 200 delegates from all over Europe and from all over the World.

The Hands-On Anatomy Course has a limited attendance of 28 delegates, first come first served.

LUNCH AND REFRESHMENTS

Repair of the lumbo-sacral plexuses and their terminal branches

Friday May 19th and Saturday May 20th, 2023

Coffee breaks are included in the participants' registration fee.

Wine & Cheese reception is also included in the registration fee, planned to be held on Friday May 19th, late afternoon.

Lunches are not included

Hands On - Anatomy Course

Wednesday May 17th and Thursday May 18th, 2023

Coffee breaks and lunches are included in the participants' registration fee.

LIABILITY

By registering to the Course and / on Hand on Anatomy event, and/or by participating in the exhibition joined to the Courses, participants and exhibitors agree that neither the Organising Committee nor the Course Secretariat do not assume any responsibility for damage or injuries to persons or property during the Events. Participants and exhibitors are advised to organize their own health, travel and personal insurances.

LETTER OF INVITATION

Upon request, the Chairman of the Local Organising Committee will be pleased to send a personal letter of invitation to registered participants so as to enable participants to obtain visas for attending the Event. These invitation letters cannot be considered as an offer of financial support by the organisers and will only be provided to registered participants once the payment has been received.

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ACCOMMODATION

Participants are free to stay in any hotel of their choice.

However we have a block of rooms reserved at the MAJESTIC Hotel (<https://majestichotelgroup.com/fr/barcelona/hotel-majestic>), probably the most elegant hotel in Barcelona, with a very special price.

RATES

Single Room City view: 319€
Double Room City view: 346€
+ 6,25€ City Tax per person

Breakfast included
10% VAT not included

Online accommodation reservation:
<https://www.lumbosacralplexus.org/lumbosacralplexus2023/accommodation>



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VENUE

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REGISTRATION FEES

Fee: 1.500€



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COURSE FORMAT **HANDS-ON ANATOMY COURSE**

17th-18th May 2023

THE COURSE IS DIVIDED IN 4 MODULES

MODULE 1
WEDNESDAY MORNING 17 MAY

**ANTERIOR LUMBAR
AND SACRAL PLEXUS**

MODULE 2
WEDNESDAY AFTERNOON 17 MAY

**SACRAL PLEXUS
AND GLUTEAL REGION**

MODULE 3
THURSDAY MORNING 18 MAY

**LOWER EXTREMITY ANTERIOR NERVES
ANATOMY, SURGICAL APPROACHES AND NERVE
TRANSFERS (ANTERIOR)**

MODULE 4
THURSDAY AFTERNOON 18 MAY

**LOWER EXTREMITY POSTERIOR NERVES
ANATOMY, SURGICAL APPROACHES
AND NERVE TRANSFERS LOWER
EXTREMITY (POSTERIOR)**

Number of participants limited to 2 for each operative field.

**It will be a unique occasion to see demonstrations
by Pr Wang from Beijing and to dissect under his supervision**



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PROGRAM

HANDS-ON ANATOMY COURSE

17th-18th May 2023

WEDNESDAY, MAY 17th

- 09:00-10:00h** **Course presentation**
A. Gilbert, M. Llusa, J. Casañas, MR. Morro, O. Merced-O Neill
THEORETICAL SESSION MODULE 1
Lumbar and sacral plexuses:
Intrabdominal lumbar and anterior sacral approach
- 10:00-10:30h** **Coffee break**
- 10:30-13:30h** **PRACTICAL SESSION**
LUMBAR AND SACRAL PLEXUSES:
INTRABDOMINAL LUMBAR AND ANTERIOR SACRAL APPROACH. SUPINE POSITION
- **Anatomy of the lumbar plexus, sacral plexus and its branches**
S. Wang
Slide Show Barcelona Group
M. Llusa, A. Carrera
 - **Approach to the lumbar plexus and its branches: iliohypogastric, ilioinguinal, genitofemoral and lateral femoral cutaneous nerves intrabdominal course**
S. Wang
 - **Intrabdominal nerve transfer from obturator to femoral**
S. Wang
 - **Approach to the intrapelvic sacral plexus and its branches**
S. Wang
 - **Transsacral-transgluteal approach to prepiriform sciatic nerve**
S. Ferraresi
- 13:30-15:00h** **Lunch**
- 16:00-16:00h** **THEORETICAL SESSION MODULE 2**
Sacral plexus and gluteal region
- 16:00-19:00h** **PRACTICAL SESSION**
SACRAL PLEXUS AND GLUTEAL REGION. PRONE POSITION
- **Anatomy and posterior dissection of the lumbar, sacral, pelvic and gluteal region. Subgluteal space. Suprapiriform and infrapiriform spaces**
M. Sokolovsky, J. Bahm
 - **Approaches to the posterior femoral cutaneous nerve, proximal sciatic nerve and superior and inferior gluteal nerves**
M. Sokolovsky, J. Bahm
 - **Approach to the pudendal nerve**
V. Vanaclocha
 - **Approaches to the posterior sacral nerve and its branches. Posterior approach to the cauda equina**
J. Robla



THURSDAY, MAY 18th

- 09:00-10:00h** **THEORETICAL SESSION MODULE 3**
Lower extremity anterior nerves anatomy, surgical approaches and nerve transfers (anterior)
- 10:00-10:30h** **Coffee break**
- 10:30-13:30h** **PRACTICAL SESSION**
LOWER EXTREMITY ANTERIOR NERVES ANATOMY, SURGICAL APPROACHES AND NERVE TRANSFERS (ANTERIOR). SUPINE POSITION
- **Lateral femoral cutaneous nerve. Anatomy and surgical approach. (meralgia paresthetica)**
S. Ferraresi
 - **Femoral nerve. Anatomy and surgical approach. Intra-extra abdominal approach to the femoral nerve**
S. Ferraresi
 - **Obturator nerve. Anatomy and surgical approach**
V. Vanaclocha
 - **Nerve transfer from obturator to femoral nerve**
V. Vanaclocha
 - **Common Fibular nerve: superficial and deep fibular nerve. Anatomy and surgical approach**
R. Morro
 - **Nerve transfer: Gastocnemius branch to tibialis anterior branch. Soleus branch to tibialis anterior branch**
J. Casañas
- 13:30-15:00h** **Lunch**
- 15:00-16:00h** **THEORETICAL SESSION MODULE 4**
Lower extremity posterior nerves anatomy,
Surgical approaches and nerve transfers lower extremity (posterior)
- 16:00-19:00h** **PRACTICAL SESSION**
LOWER EXTREMITY POSTERIOR NERVES ANATOMY, SURGICAL APPROACHES AND NERVE TRANSFERS LOWER EXTREMITY (POSTERIOR)
- **Demonstration : New Tendon Transfer for Correction of Drop-foot in Common Peroneal Nerve Palsy**
I. Marcoccio
 - **Sciatic nerve in the thigh. Anatomy and surgical approach**
M. Llusa
 - **Sciatic nerve in the popliteal fossa. Anatomy and surgical approach**
R. Morro
 - **Sural nerve. Anatomy and surgical approach. Sural nerve graft technique**
R. Morro
 - **Tibial nerve in the leg and ankle. Anatomy and surgical approach**
M. Llusa
 - **Nerve transfer of the sural nerve to plantar nerves**
M. Llusa
 - **Free time of trainees to review their favorite dissection**

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FACULTY

O. ASZMAN (Austria)

J. BAHM (Germany)

B. BATTISTON (Italy)

E. BASSO (Italy)

E. BAUTRANT (France)

M. BECKER (Germany)

J. BROWN (USA)

J. CASAÑAS (Spain)

J. CLIFTON (Mexico)

E. DEVINNEY (USA)

N. FELICI (Italy)

S. FERRARESI (Italy)

J.N. GOUBIER (France)

F. GUEDES (Brazil)

A. HAGEMANN (Germany)

A. HANNA (USA)

N. KHAVANIN (USA)

T. KRETSCHMER (Austria)

L. LOPEZ (Mexico)

M. LLUSA (Spain)

I. MARCOCCIO (Italy)

M. MERLE (France)

R. MORADI (IRAN)

A. NASCIMENTO (Portugal)

L. RASULIC (Serbia)

F. SENES (Italy)

M. SOCOLOVSKY (Argentina)

P. TITOLO (Italy)

S. TUFFAHA (USA)



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SCIENTIFIC PROGRAM
**REPAIR OF THE LUMBO-SACRAL PLEXUSES
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FRIDAY, 19th MAY 2023

- 09:00h** Anatomy of lumbosacral plexus
M. Llusa (Spain)
- 09:30h** Detailed histomorphometric/ axonal analysis of the entire lumbosacral plexus with all relevant branches
O. Azman (Austria)
- 09:45h** Surgical approach of lumbar plexus
S. Wang (China)
- 10:15h** Surgical approach of sacral plexus
S. Wang (China)
- 10:45h** Endoscopically assisted Piriformis-to- Knee Surgery of sciatic, peroneal, and tibial nerves
T. Kretschmer (Austria)
- 11:00h COFFEE BREAK
- 11:30h** DISCUSSION
- 12:15h** Traumatic lesions of lumbosacral Plexus: indications and results
S. Wang (China)
- 13:00h** Injuries to LS plexus: surgical indications and results
S. Ferraresi (Italy)
- 13:25h** Conservative treatment of lumbosacral plexus palsy after pelvic ring fractures
A.Hagemann, J. Bahm (Germany)
- 13:30h BREAK
- 14:30h** DISCUSSION
- 15:00h** Tumors of the lumbosacral plexuses
F. Guedes (Brazil)
- 15:20h** Lumbo sacral tumors: to each its own approach
S. Ferraresi (Italy)
- 15:40h** Decision making in LS plexus Tumors: modular surgical approach
T. Kretschmer (Austria)
- 16:00h** DISCUSSION

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- 16:30h Reconstruction of Hip Stabilization via the Subcostal Nerve Transfer in Global Sacral Plexus Injuries**
O. Aszman (Austria)
- 16:42h Nerve transfers from the arms to the legs**
M. Becker (Germany)
- 17:00h Protocol for treatment of chronic neuropathic pain of L.S. plexus**
A. Nascimento (Portugal)
- 17:10h DISCUSSION**
- 17:30h Results of repair with Allografts of lower limb nerves**
E. Devinney (USA)
- 17:45h Functional results after lower limb nerves repair**
N. Felici (Italy)
- 17:55h Resensibilization of the foot sole**
M. Llusa Spain)
- 18:05h DISCUSSION**
- 18:30 Wine and cheese - Get together**
- 20:00h End of the day.**



SATURDAY, 20th MAY 2023

PROXIMAL BRANCHES

08:30h **Anatomy of the proximal branches**

M. LLusa (Spain)

08:50h **Clinical reports on various selective sensory nerve transfers to re-establish sensation in relevant regions of the lumbosacral area**

O. Aszman (Austria)

09:05h **Childbearing pudendal nerve and sacral roots lesions**

E. Baurant (France)

09:25h **Somatic-autonomic nerve transfers: Restoring bladder function**

J. Brown (USA)

09:35h **DISCUSSION**

DISTAL BRANCHES - THE SCIATIC NERVE

10:00h **Pyramidal and Ischiofemoral Syndrome**

M. Llusa (Spain)

10:10h **Compression at the Piriformis**

M. Socolovsky (Argentina)

10:20h **Excursion length in sciatic nerve**

J. Brown (USA)

10:30h **Joint flexion in Sciatic nerve repair**

M. Socolowski (Argentina)

10:40h **Repair of Sciatic nerve in war injuries**

R. Moradi, J. Gousheh (Iran)

10:55h **Sciatic nerve injuries in hip replacement**

J. Casanas (Spain)

11:05h **Reconstruction of severe sciatic lesions**

A.Nascimento (Portugal)

11:15h **Latrogenic Sciatic nerve injury**

L. Lopez (Mexico)

11:25h **Contralateral peroneal nerve transfer for sciatic nerve reconstruction in avulsion injuries: anatomical study**

B. Battiston, P.Titolo (Italy)

11:35h **Pediatric injection in sciatic nerve**

F. Senes (Italy)

11:45h **COFFEE BREAK**

12:15h **DISCUSSION**

FEMORAL NERVE - OBTURATOR TO FEMORAL NERVE TRANSFER

12:45h **Treatment of Quadriceps paralyses by nerve transfers**

J.N. Goubier (France)

12:55h **Obturator to femoral nerve transfer**

S. Tuffaha (USA)

13:05h **Can motor nerve transfers solve femoral or peroneal nerve injuries?**

J. Bahm (Germany)

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13:15h BREAK

14:30h DISCUSSION

15:00h **Meralgia paresthetica**

A. Hannah (USA)

15:15h **Meralgia: myths and facts**

E. Basso (Italy)

15:30h DISCUSSION

PERONEAL NERVE

M. Merle (France)

16:00h **Peroneal nerve lesions within the lumbosacral plexus disorders**

L. Rasulic (Serbia)

16:10h **Peroneal nerve injury and compression in Football players**

J. Clifton (Mexico)

16:20h **Acute peroneal nerve repair in a bullfighter**

J. Clifton (Mexico)

16:30h **Management of common peroneal nerve stretch/rupture/avulsion injuries**

S. Tuffaha (USA)

16:40h **Peroneal nerve lesion in traumatic and sport injuries. Are all the same pattern?**

J. Casanas (Spain)

16:50h **Common peroneal nerve: nerve repair, tendon transfers or both?**

E. Basso (Italy)

17:00h **Lateral gastrocnemius nerve transfer to the peroneal nerve?**

J. Clifton (Mexico)

17:10h **Synergistic LE muscle pairings**

N. Khavanin (USA)

17:20h **Tendon transfers for drop foot: technique and results**

I. Marcoccio (Italy)

17:30h DISCUSSION

18:30h End



MORE INFORMATION

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