

NERVE PROCEDURES FOR SPASTICITY

WITH TECHNICAL AND ANATOMICAL DEMONSTRATIONS

Sitges (Barcelona, Spain) • 16th-17th May 2025

VENUE: Meliá Sitges • Sitges, Barcelona



J. de Ribera ; le mendiant 1642- Musée du Louvre



www.nervesurgeryspastics.com

Chairmen



Alain GILBERT
(France)



Caroline LECLERCQ
(France)

Including Anatomy video demonstrations organized by



Orlando MERCED-O'NEILL
(USA)



Manuel LLUSA
(Spain)



WELCOME ADDRESS

Dear colleagues,

The treatment of spasticity has been evolving in the last several years.

The advent of new modalities such as various neurotomies, nerve transfers, nerve reset neurotomy.

We believe it is time to assess all these techniques and share experience, tips and results .

This is why we have organized a dedicated symposium on 16th-17th May 2025 in Sitges, Spain.

The meeting will consist of presentations, followed by in depth discussions.

There will be also a session on video techniques and anatomy.

Welcome to Sitges-Barcelona.



Alain GILBERT



Caroline LECLERCQ

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GENERAL INFORMATION

VENUE

Hotel Meliá Sitges 4*

Address: C. de Joan Salvat Papasseit, 38, Sitges, Barcelona

Phone: + 34 938 11 08 11



WHY SITGES

Sitges is a Mediterranean town located just 30 minutes from Barcelona and 20 from its International Airport. It's a trendsetting destination with personality, in a safe residential environment. Sitges is a destination of creative energy, tradition and singularity, with hundreds of years of rich culture and an open, free-thinking mindset. We pride ourselves on being an open and welcoming town. This principle will remain at the heart of the work we do and the support we offer you. Sitges is a fascinating destination to host your meeting, your congress or your convention.

ACCESS TO SITGES

Sitges is well connected by land, sea and air with 2 international airports and with the option of getting to the heart of the town by train, by bus or by car. Furthermore, there is a 35 minutes train ride from Barcelona city center, with trains every 15 minutes throughout the day. When it comes to bringing your event to Sitges, you are spoilt for choice.

At a glance: 25 min. Barcelona Airport 45 min. Reus Airport 35 min. Barcelona AVE train station 45 min. Tarragona AVE train station 35 min. Barcelona Port

REGISTRATION FEES

Registration: April 1st 2025

600€

Regular fee: after April 2nd 2025

750€

Spanish 21% VAT included

ACCOMMODATION

Premium Room Sea View: 265€

Price per night, bed & breakfast included

Spanish 10% VAT included

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LIST OF SPEAKERS

J. ADKINSON (USA)	M. LLUSA (Spain)
S. BENAMIROUCHE (Algeria)	O. MERCED O'NEILL (USA)
F. BESSAA (Algeria)	P. MERTENS (France)
N. BINI (Italy)	P. PANCIERA (Italy)
N. BOULIS (USA)	E. PARK (USA)
J. BROWN (USA)	R. PAULOS (Brazil)
J. CASANAS (Spain)	G. PEGORARO (Italy)
S.R. CHUNG (Singapore)	P. PINO (Chile)
G. COLGAN (Ireland)	D. POWER (UK)
E. CONCHA (Chile)	C. ROSSELIN (France)
B. COULET (France)	M. SINDOU (France)
C. CROWE (USA)	M. SOCOLOVSKY (Argentina)
R. DAVID (France)	N. STURBOIS-NACHEF (France)
T. DELTOMBE (Belgium)	R. TAN (Singapore)
F. FITOUSSI (France)	S. TUFFAHA (USA)
A. GÖHRITZ (Germany)	S. WANG (China)
C. JALOUX (France)	P. WINSTON (Canada)
W. LAM (Singapore)	K. WU (USA)
B. DE LEPELEERE (Belgium)	W. XU (China)
W. LI (China)	P. ZANCOLLI (Argentina)
A. LIM (Singapore)	D. ZLOTOLOW (USA)



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SCIENTIFIC PROGRAM - FRIDAY, MAY 16TH

08:30 - 10:15 h

INTRODUCTION

C. Leclercq (France)

History of Nerve procedures for Spasticity

A. Gilbert (France)

Nerve surgery procedures to treat spasticity one century ago

A. Göhritz (Germany)

What do we know (and don't know) about spasticity

S. Tuffaha (USA)

Spasticity, spastic dystonia, co-contraction: the great misunderstanding

T. Deltombe (Belgium)

Should we perform surgery on patients with dystonia of the upper limb?

W. Lam (Singapore)

Neurosurgical management of Disabling Spasticity in adult patients: decision making

M. Sindou (France)

Neurosurgical management of Disabling Cerebral palsy in children: decision making

M. Sindou (France)

Discussion

10:15 - 13:15 h

NEUROTOMIES

Is there a role for peripheral nerve surgery in the management of spasticity

D. Power (UK)

- Evaluation

C. Leclercq (France), C. Crowe (USA),

G. Colgan (Ireland), P. Zancolli (Argentina)

- Proximal Neurotomies

Rootlets

Update 2025:

What indications in the Upper limb?

P. Mertens (France)

Roots

CLC7 for spasticity

W. Xu (China)

Technique of C7 neurotomy

O. Merced O'Neill (USA), A. Gilbert (France)

Results of C7 neurotomies

A. Gilbert (France), S. Benamirouche (Algeria),

F. Bessaa (Algeria)

Initial Experience and Results with C7

Neurectomy

P. Zancolli (Argentina)

C7 block to predict result

A. Lim (Singapore), R. Tan (Singapore)

Technique and results of T1 neurotomy

S. Wang (China)

Discussion

13:15 - 14:15 h Lunch break

14:15 - 18:00 h

PERIPHERAL NEUROTOMIES

Concept, physiopathology

S. Tuffaha (USA)

Anatomy and techniques (videos)

Around the shoulder

E. Park (USA)

Musculocutaneous

C. Leclercq (France)

Median

P. Pino (Chile)

Radial nerve

B. De Lepeleere (Belgium)

Ulnar nerve

R. Paulos (Brazil)

Distal Median and Ulnar

N. Bini (Italy)

Complete vs selective neurotomies

F. Fitoussi (France)

Troncular technique

P. Mertens (France)

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Hyper-selective neurectomy

C. Leclercq (France)

Long term results of hyperselective neurectomies

S.R. Chung (Singapore)

The role of triceps neurectomy in the spastic upper limb

J. Adkinson (USA)

Hyper selective neurectomy for elbow flexion spasticity assisted by intraoperative measurement and recording

J. Casañas (Spain)

Hypersensitive neurotomy for finger flexors; Anatomy

C. Leclercq (France)

An approach to the fingers flexors motor branches

M. Llusa (Spain), J. Casañas (Spain)

Debate

M. Llusa (Spain), D. Zlotolow (USA)

Special considerations in children

E. Park (USA)

Associated procedures

P. Panciera (Italy)

T1 neurectomy combined with Flexor Pronator Slide

W. Li (China)

Elbow flexor release combined with selective neurectomy of musculocutaneous nerve for spastic elbow flexion deformity in children and adolescents

F. Fitoussi (France)

Nerve decompressions in spastic patients

S. Tuffaha (USA)

Discussion

19:00 - 20:30 h

Welcome Reception at the Swimming Pool Gardens



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SCIENTIFIC PROGRAM - SATURDAY, MAY 17TH

09:00 - 12:00 h

Lower Limb

Anatomy – Approaches (Videos)

M. Llusa (Spain)

L2-L6-S1-S2

M. Llusa (Spain)

Obturator, Femoral; Tibial

M. Llusa (Spain)

Is neurotomy effective in all types of muscle overactivity

T. Deltombe (Belgium)

S2 neurotomies: technique and results

S. Wang (China)

Pre-op assessment in obturator and femoral neurectomies: the place of motion-lab analysis

C. Rosselin (France)

Obturator neurotomies

M. Llusa (Spain), J. Casañas (Spain)

Selective tibial neurotomies

J. Brown (USA)

Tibial neurotomy in equinovarus foot

T. Deltombe (Belgium)

Long term results in lower extremity neurectomies

N. Sturbois-Nachef (France)

Are nerve procedures more suitable than tendon transfers?

B. Coulet (France)

Neurectomies: what are the differences between upper and lower limbs

K. Wu (USA)

Discussion

12:00 - 13:15 h

Reset Neurrhraphy

Experimental

S. Tuffaha (USA)

Research: Creating a clinical model

G. Colgan (Ireland)

Clinical experience

B. Coulet (France)

Early Experience with Cut/Repair for Management of Spasticity

D. Zlotolow (USA)

Results of reset neuroraphy of MC nerve

R. Tan (Singapore), A. Lim (Singapore)

Discussion

13:15 - 14:15 h Lunch break

14:30 - 17:00 h

Nerve transfers

What makes nerve transfers different in spastic surgery?

N. Bini (France), C. Jaloux (France)

Nerve transfers for wrist extension in spastics

P. Rhee (USA), K. Wu (USA)

Side effects

Rehabilitation and cerebral plasticity

G. Pegoraro (Italy)

Increase in mental function after peripheral spasticity surgeries

M. Socolovsky (Argentina)

Gait analysis after C7 neurectomy in children with CP

E. Concha (Chile)

Is there a functional improvement in gait after C7 neurectomy?

F. Bessaa (Algeria), S. Benamirouche (Algeria)

Perspectives

Chemogenetics and other gene therapy approaches to spasticity

N. Boulis (USA)

Chemo and Cryodenervation

P. Winston (Canada)

New developments

R. David (France)

Discussion

17:00 h

CONCLUSIONS

A. Gilbert (France)

