



UNIVERSITÀ
DEGLI STUDI
DI TORINO



SURGERY AND REHABILITATION OF THE SPASTIC LOWER LIMB IN PEDIATRIC PATIENTS

28-29 April 2023 TORINO, Italy

SURGERY AND REHABILITATION OF THE SPASTIC LOWER LIMB IN PEDIATRIC PATIENTS

FRIDAY 28 APRIL 2023

8.00 Registration of participants

8.30 Welcome: **A. Aprato, G. Massazza, A. Massé, M. A. Minetto, R.M. Toniolo**

8.45 – 9.15 Introduction: **Taking Care of Children and their Families.**

Chairs: **A. Aprato, N. Bini**

The point of view of the Paediatric Neuropsychiatrist. The diagnosis and the neurological management
C. Marinaccio

The point of view of the Physiatrist. The rehabilitation management
P. Imazio

The point of view of the neuro-orthopedist
C. Leclercq
Debate

9.15 – 10.30 **Gait Analysis**

Chairs: **E. Castelli, A. Krebs**

Essential biomechanics, Normal gait biomechanics - Kinematics and Kinetics
M. Sangeux

Communicating gait data and diagnostic of gait deviation
R. Brunner
Clinical cases

10.30 - 11.00 *Coffee Break & hands on the ultrasound*

11.00 – 12.45 **Botulinum Toxin / Echography**

Chairs: **S. Carda, R.J. Csepan**

Anatomical Principles **C. Boulay**

Rehabilitation tools after injections
A. Baricich

Use of BT as a diagnostic tool
N. Sturbois Nachev

Non responders **C. Boulay**

12.45 - 13.05 **Role of Neurosurgery (Baclofen pump / SDR)** **Dr. Peretta, Dr. Pilloni**

Chairs: **A. Baricich, R.M. Toniolo**

13.05 - 13.20 **Hypersensitive neurectomy**

Chairs: **N. Bini, L. Conforti**

Principles **N. Sturbois Nachev**

Experience in Children **C. Leclercq**

13.20 – 14.30 *Lunch & hands on the ultrasound*

14.30 - 16.30 **Hip**

Chairs: **A. Aprato, C. Boulay**

Intro

Follow up of the hip in the CP children
M. Jozwiak

Hip pain: identifying the cause to relieve the symptom
M. Jozwiak

Reduce and/or remove the load, what effect on the risk of dislocation?
R. Brunner

Surgical Timing and Techniques:

Tendon releases **G. Marré Brunenghi**

Percutaneous fibrotomic release **P. F. Costici**

Pinning **N. Portinaro**

Osteotomies **A. Krebs**

Rescue procedures: resection arthroplasty, others
R. J. Csepan
Debate

Rehabilitation before and after surgery
R. Brunner

16.30 - 17.00 *Coffee Break & hands on the ultrasound*

17.00 - 18.45 **Knee**

Chairs: **G. Trisolino, R. Brunner**

Intro

The 2 most common attitude: Excessive knee flexion during stance phase and limited knee flexion during swing phase
A. Presedo

Development of crouch gait after treatment of the foot
A. Krebs
Stiff knee gait **R. Brunner, A. Presedo**

Surgical Timing and Techniques:

Tendon releases and transfers **A. Presedo**

Osteotomies **A. Krebs**

Neurectomies **N. Sturbois Nachev**

Rehabilitation before and after surgery
S. Carda

SATURDAY 29 APRIL 2023

08.30 - 10.30 Foot

Chairs: **A. Andreacchio, A. Presedo**

Intro

All types of equinus **E. Morakis**

Other deformities **E. Morakis**

The role of Peroneus Longus **E. Boulay**

Surgical Timing and Techniques:

Tendon releases and transfers **E. Morakis**

Osteotomies **E. Morakis**

Neurectomies **N. Sturbois Nacheff**

Complications: Recurrence, Overcorrection

R. Csepan

Debate

Rehabilitation before and after surgery

A. Cersosimo, E. Castelli

10.30 - 11.10 Multilevel Surgeries

Chairs: **R. Brunner, P. Monorchio**

From clinical examination to GAIT analysis,
to non-operative and

operative taking charge **A. Presedo**

The Spine

To operate or not, surgical techniques

M. Cravino, P. Cinnella

Rehabilitation before and after surgery

A. Cersosimo, E. Castelli

Debate

11.10 - 11.40 Coffee Break

11.40 - 13.00 Transition from Childhood

Chairs: **L. Conforti, A. Krebs**

Intro

Loss of walking ability **S. Carda**

Pain: where does it come from?

Osteoarticular? Spasticity? Other..

A. Baricich

Complications of late referral **L. Conforti**

The adolescent affected by CP **M. Jozwiak**

Debate

Satisfaction survey

*Hands on the ultrasound:
try to identify muscles with the help of
M. Petraz*

Radiologist from Regina Margherita Hospital

FACULTY

Andreacchio Antonio, Milano (IT)

Aprato Alessandro, Torino (IT)

Baricich Alessio, Novara (IT)

Bini Nathalie, Torino (IT)

Boulay Christophe, Marseille (F)

Brunner Reinald, Basel (CH)

Carda Stefano, Lausanne (CH)

Castelli Enrico, Roma (IT)

Cersosimo Antonella, Bologna (IT)

Cinella Pasquale, Torino (IT)

Conforti Luigi, Chieri (IT)

Costici Pier Francesco, Roma (IT)

Cravino Mattia, Torino (IT)

Csepan Robert J., Wien (A)

Imazio Paola, Torino (IT)

Jozwiak Marek, Poznan (PL)

Krebs Alexander, Wien (A)

Leclercq Caroline, Paris (F)

Marinaccio Cristina, Torino (IT)

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Massazza Giuseppe, Torino (IT)

Massé Alessandro, Torino (IT)

Minetto Marco Alessandro, Torino (IT)

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Morakis Emmanouil, Manchester (UK)

Peretta Paola, Torino (IT)

Petraz Marco, Torino (IT)

Pilloni Giulia, Torino (IT)

Portinaro Nicola, Milano (IT)

Presedo Ana, Paris (F)

Sangeux Morgan, Basel (CH)

Sturbois Nacheff Nadine, Paris (F)

Toniolo Renato Maria, Roma (IT)

Trisolino Giovanni, Bologna (IT)

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SCIENTIFIC COMMITTEE

Aprato Alessandro

Head of Orthopedic Pediatric Department
Regina Margherita Hospital (Torino, IT)

Bini Nathalie

Orthopedic Pediatric Department
Regina Margherita Hospital (Torino, IT)

CONGRESS VENUE

NH Collection Torino Santo Stefano
Via Porta Palatina, 19
10122 Torino, Italy

ECM

For Italians only:

L'evento è accreditato nel Programma Nazionale
ECM - Age.Na.S per **150 partecipanti**:

Medico Chirurgo (specialista in Medicina Fisica
e Riabilitazione, Neurologia, Neurochirurgia,
Ortopedia e Traumatologia), **Tecnico Ortopedico**,
Fisioterapista, **Terapista della neuro e
psicomotricità dell'età evolutiva**

ID Evento: **486 - 373436**

Crediti: **8,4**

Full information in the website

www.symposiacongressi.com/orthoped-torino-2023

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