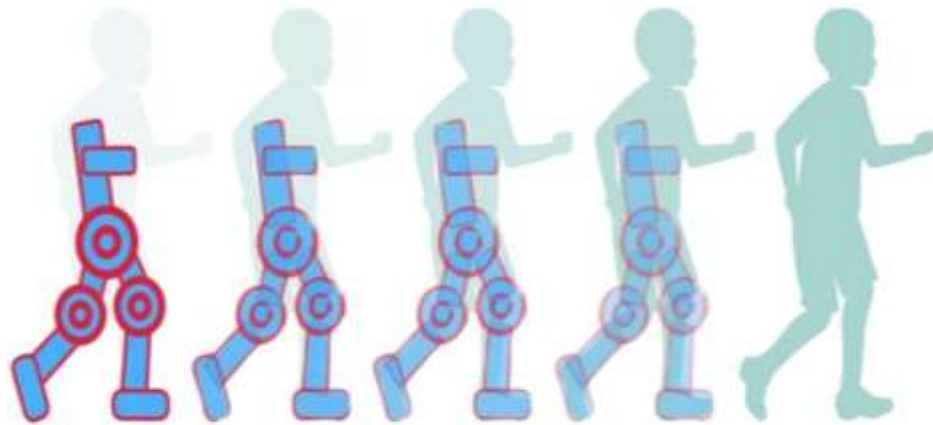


MADRID, 28 – 29 NOVEMBER 2024



INNOVATION AND CONTROVERSIES IN **CEREBRAL PALSY**: A MULTIDISCIPLINARY UPDATE

HOSPITAL INFANTIL UNIVERSITARIO NIÑO JESÚS-
MADRID

(ASSEMBLY HALL)

FINAL PROGRAM

On November 28 and 29, we will hold a multidisciplinary meeting with an ambitious program that will present needs, innovative projects, and controversies in cerebral palsy. The dynamic will be flexible with at least two speakers on each topic, the first of whom will be in charge of leading the presentation while the rest will enrich the message.

We are convinced that the experience will be beneficial for all attendees, whether in person or online. We look forward to seeing you there.

INNOVATION AND CONTROVERSIES IN CEREBRAL PALSY: A MULTIDISCIPLINARY UPDATE

Thursday, 28th of November

9:15 Opening ceremony .

Celia García Menéndez. General Director of Humanization, Attention and Safety in patients care. Madrid Region's Health Bureau.

Table 1 – Technological innovation in robotic physiotherapy

9:30-9:40 Clinical guide for using Alas 2030. **Olga Arroyo - Ignacio Martínez**

9:40-9:50 Evaluation of results in the ATLAS 2030 in cerebral palsy. **Pilar Castro - Carlota García**

9:50-10:00 Explorer: when robotics is developed in the natural environment. **Cristina Rodríguez - Carlota García**

10:00-10:10 “Discover To Walk”: a paradigm shift in early gait training. **Eduardo Rocón - Pablo Romero**

10:10-10:20 Advances in Lokomat therapy: obtaining the determining factors in gait. **Elisa López - Nora Sanz**

10:20-10:30 Armeo: robotic physiotherapy in the upper limb. **Susana Cartas - Paula Serrano**

10:30-10:40 Robotic physiotherapy in specialized centers. Patient selection, advantages, treatment guidelines. **Irene Arredondo - Beatriz Marugán - Nuria Boñar – Sergio Lerma**

10:40-11:00 Round table/questions

11.00 – Break/Coffee

Table 2 – Technology applied to the study and treatment of spasticity

11:30-11:40 Transcranial magnetic stimulation: when therapy is applied at “ground level” **David Mansilla - Sergio Lerma**

11:40-11:50 New application of movement analysis in cerebral palsy. **Ana Presedo - Álvaro Pérez-Somarriba**

11:50-12:00 Innowalk: the importance of good postoperative physiotherapy. **Idoia Gandarias - Ignacio Martínez**

12:00-12:10 Use of assisted bipedestators and walkers in cerebral palsy. **Ginny Paleg - Sergio Lerma**

12:10-12:30 Round table/questions

Table 3 – Treatment of the patient outside of health centers: new references

12:30-12:40 Rehabilitative management in special education, and the function of inclusive education. **Elisabeth Machota - Luis Perales - Ana Losada - Nuria Boñar**

12:40-12:50 Integration of Good physiotherapy practices at home. **Ana Mendoza - Ana Herreros**

12:50-13: The CIF framework in the evaluation of follow-up and treatment results. **Carmen Matey - Sergio Muñoz**

13:00-13:10 Measuring treatment outcomes based on patient requests and patient expectations: “PROMS” and “PERMS”: the importance of listening. **David Farrington - Ignacio Martínez**

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13:10-13:20 Scales for measuring quality of life: the importance of distinguishing between ambulant and non-ambulant patients. **Marta Badía - Patricia Ferrand.**

13:20-13:30 The “Walcs Classification System”: the overall assessment of the patient and their environment. **Ignacio Martínez – Cristina Rodríguez**

13:30-14:00 Round table/questions

14.00 – Break/lunch

Table 4 – The transition to adulthood and the importance of the multidisciplinary team

16:00-16:10 Implementation of models of transition to adulthood. **Toni Compte- Ignacio Martínez**

16:10-16:20 How to resolve patient needs: the role of the expert patient and social worker. **Pilar Munuera - Claudia Tecglen – Carlos Martín**

16:20-16:30 Connecting different specialties: recognizing the role of a nurse acting as a case manager for improving connections between health specialists and social workers . **Salvi Aleza - Pilar Herreros**

16:30-16:40 New models of patient follow-up: improving efficiency thanks to telemedicine. **Rosa Egea – Andrés Díaz del Castillo**

16:40-17:00 Round table/questions

17.00 – Break/coffee

Table 5 – Multidisciplinary work models in health areas

17:30-17:40 The importance of being a reference center: the need to function as a team within the hospital and outside it with other centers. **Carlos Alfonso - Ignacio Martínez**

17:40-17:50 The value of a biomedical engineer within the team: the need for efficient use of data to optimize patient care. **Paula Arias – Pablo Romero**

17:50 – 18: The role of family associations and patronage: The need for new socio-cultural models for our patients. **Agustina Borrás - Paloma Pastor**

18.00-18:20. Round table/questions

18:20-18:30 Closing

Friday, 29th of November

Table 1 – Controversies in the management of spasticity

9:00-9:10 Controversies in the use of botulinum toxin. Avoiding muscle damage and optimizing results. **Anja Van Camperhout - Ignacio Martínez**

9:10-9:25 Indications, technique and results of supra-selective dorsal rhizotomy. **Mónica Morante - Alejandro Cubillos**

9:25-9:35 Global management of spasticity with intrathecal baclofen pump. **Monica Ursei – Fowo Sylvain**

9:35-9:45 Combining global spasticity management with orthopedic problems. **Anja Van Camperhout – Ignacio Martínez**

9:45-10:00 Round table/questions

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Table 2 – Hip

10:00-10:10 Hip surveillance program in cerebral palsy. Update and adaptation in Spain. **María de los Llanos - Alberto Álvaro Alonso**

10:10-10:20 Preventive surgery for dislocation. Controversies in soft tissue release and guided growth of the proximal femur. **María Galán - Ana Ramírez**

10:20-10:30 Femoral osteotomies in reconstructive hip surgery. **Michail Kokkinakis - Belén Carsi**

10:30-10:40 Acetabular osteotomies in reconstructive hip surgery. **Laura Montes - Belén Carsi**

10:40-10:50 Palliative surgery. From Castle and McHale to proximal femoral resection with greater trochanter. **Ignasi Sanpera - Ignacio Martínez**

10:50-11:00 Total hip arthroplasty: when, why, and how. **Daniel Pacha - Ángel Palazón**

11:00-11:20 Round table/questions

11.20 – Break/coffee

Table 3- Spine

12:00-12:10 Spine surgery in GMFCS Level V patients. Pros and cons. **Jose María López - Rosa Egea**

12:10-12:25 Early onset treatment. From corsets to growing bars vs bipolar instrumentation. **Rafael González- Jose María López**

12:25-12:35 Achievements and pending issues regarding the influence of spinal correction on gait. **Rosa Egea- Ignacio Martínez**

12:35-12:50 Round table/questions

Table 4 –Foot and Ankle

12:50-13:00 Non-arthrodesis solutions for spastic flatfoot. **Michail Kokkinakis - Ignacio Martínez**

13:00-13:10 Management of equinus deformity vs drop foot. **Carlos Prato - Ignacio Martínez**

13:10-13:20 Spastic clubfoot in hemiplegia From toxin to talo-calcaneal-navicular realignment. **María Galán - Ana Ramírez**

13:20-13:30 Arthrodesis in spastic flatfoot: from medial column arthrodesis to triple arthrodesis. **Ana Ramírez - Carlos Alfonso Bravo**

13:30-13:40 Forefoot pathology in cerebral palsy. **Carlos Prato – Ignacio Martínez**

13:40-14:00 Round table/questions

14:00 – Break/lunch

Table 5 – Upper limb

15:30-15:40 Tendon transfers and soft tissue release. **Ignasi Sanpera - Sergio Martinez**

15:40-15:50 Bone surgery in the upper limb. **Sergio Martinez - Ignasi Sanpera**

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15:50-16:00 From botulinum toxin to selective neurotomies: when and how.
Patricia Ferrand - Gonzalo Pintado

16:00-16:20 Round table/questions

Table 6 – Knee

16:20-16:30 Surgery to improve the support phase. From soft tissue to distal femoral osteotomy through guided growth. **Cristina Alves - Manuel Fraga**

16:30-16:40 Treatments to improve the swing phase. Transfers versus resection of the rectus femoris at the distal level. **Hugo Garlito - Cristina Alves**

16:40-16:50 Lowering the patellar tendon versus plication. Indications and reflections. **José Manuel Martínez - Ignacio Martínez**

16:50-17:00 Round table/questions

17:00 – Break/Coffee

Table 7 – Multilevel Surgery

17:20-17:35 Multilevel percutaneous lengthening: debunking the myth, integrating its contribution. **Sergio Lerma - Ignacio Martínez**

17:35-17:45 Multilevel surgery with intramedullary nailing: Advantages, tricks and tips. **Belén Carsi - Carlos Prato**

17:45-17:55 Strategies and decision making in multilevel surgery. From choosing the best candidates for surgery to the diagnostic matrix including treatment portfolio: how we do it. **Ana Ramírez - Ignacio Martínez**

17:55-18:05 Rehabilitation and orthoses after multilevel surgery. Common problems and recommendations. **Ignacio Martínez - Álvaro Pérez-Somarrriba - Patricia Ferrand**

18:05-18:30 Round table/questions

18:30 Closing ceremony

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EXTERNAL SPEAKERS

Children's Orthopaedics

Michail Kokkinakis. Hospital “Evelina London Children’s of Guy’s and St Thomas”, London, United Kingdom

Anja Van Camperhout. Hospital Universitario UZ, Leuven, Belgium

Ana Presedo. Hôpital Robert Debré, Paris, Francia

Cristina Alves. Hospital Pediátrico de Coimbra, Portugal

Belén Carsi. Hospital North Midlands, Stoke on Trent, United Kingdom

Monica Ursei. Hôpital Purpan – CHU, Toulouse, Francia

Ignasi Sanpera. Hospital Universitario Son Espases, Palma de Mallorca

David Farrington. Orthopediatria, Sevilla

Daniel Pacha. Hospital Vall d'Hebron, Barcelona

Laura Montes. Hospital Universitario Donostia, Guipúzcoa

Toni Compte. Hospital Sant de Déu, Barcelona

Alberto Álvaro. Hospital General Universitario Gregorio Marañón, Madrid

María de los Llanos Rodríguez. Hospital Materno Infantil Teresa Herrera, a Coruña

Carlos Alfonso. Hospital Universitario Virgen del Rocío, Sevilla

José María López. Hospital Universitario Virgen del Rocío, Sevilla

José Manuel Martínez. Orthopediatria, Sevilla

Carlos Prato. Hospital Universitario HM Sanchinarro, Madrid

Children's Rehabilitation

Olga Arroyo. Hospital General Universitario Gregorio Marañón, Madrid

Patricia Ferrand. Hospital Universitario Virgen del Rocío, Sevilla

Mónica Morante. Instituto de Rehabilitación Infantil Teletón, Chile

Elisabeth Machota. Hospital Universitario 12 de Octubre, Madrid

Elisa López. Hospital Nacional de Paraplégicos, Toledo

Neurosurgery

Alejandro Cubillos. Instituto de Rehabilitación Infantil Teletón, Chile

Fowo Sylvain. Hôpital Purpan – CHU, Toulouse, Francia

Paediatric Physiotherapy

Ginny Paleg. CanChild Centre for Childhood Disability Research, Canadá

Sergio Lerma. La Salle Centro Universitario, Madrid

Ana Herrero. CEO&Founder en Unika 380, Madrid

Ana Mendoza. I.E.S Calatalifa, Madrid

Carmen Matey. Universidad Europea Miguel de Cervantes, Valladolid

Sergio Muñoz. Hermanas Hospitalarias, Valencia

Marta Badía. Universidad de Salamanca, Salamanca

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Pilar Castro. Centro Atades, Zaragoza

Luis Perales. C.E.E Numen, Madrid

Nuria Boñar. Fundación Bobath, Madrid

Beatriz Marugán. Centro RIE, Madrid

Irene Arredondo. Clínica Glavic, Madrid

Idoia Gandarias. Clínica ortopédica Pitxufritos, Bilbao

Nora Sanz. Fundación Nipace, Guadalajara

Nuria Ferrer. Fundación Nipace, Guadalajara

Patients - Associations - Families

Claudia Tecglen. Entidad Convives con Espasticidad, Madrid

Ana Losada. Representación Usuario Colegio de Integración, Madrid

Paloma Pastor. Fundación Sin Daño, Madrid

Agustina Borrás. Confederación ASPACE, Madrid

Engineering

Eduardo Rocón. Consejo Superior de Investigaciones Científicas, Madrid

Pablo Romero. Consejo Superior de Investigaciones Científicas, Madrid

Social Work

Pilar Munuera. Universidad Complutense, Madrid

INTERNAL SPEAKERS

Neuro - Orthopaedic Unit (Pediatric Orthopedic Department)

Ignacio Martínez

Ana Ramírez

María Galán

Manuel Fraga

Hugo Garlito

Álvaro Pérez-Somarriba

DEPARTMENT PEDIATRIC ORTHOPEDIC DEPARTMENT

Ángel Palazón

Rafael González

Rosa Egea

Sergio Martínez

REHABILITATION DEPARTMENT

Susana Cartas

NEUROPHYSIOLOGY DEPARTMENT

David Mansilla

NURSING

Pilar Herreros

Salvi Aleza

RESEARCH FOUNDATION

Andrés Díaz del Castillo

Cristina Rodríguez

Carlota García

Carlos Martín

Paula Arias