

EPOS e-learning Advanced Course

07 January 2022

Treatment Principles in Cerebral Palsy

- Prerecorded talks available to watch as of Monday 25 October 2021 to the registered (and paid) participants
- Live virtual day will be held on Friday 07 January 2022

Interactive virtual day on 07 January 2022 - 8:15 Welcome and Introduction (Main Hall)

Duration	Time	Topic	
30'	08:30	Gait case 1 equinus with knee flexion GMFCS II	10 mins presentation of important data / findings
05'		Group Rotation	
30'	09:05	Gait case 2 crouch GMFCS II or III+	10 mins presentation of important data / findings
05'		Group Rotation	
30'	09:40	Gait case 3 crouch and deambulator / crouches GMFCS III- or IV	10 mins presentation of important data / findings
20'	10:10	Break	
30'	10:30	Hip case1 MI 40% age 4	10 mins presentation of important data / findings
05'		Group Rotation	
30'	11:05	Hip case2 MI 70% age 8	10 mins presentation of important data / findings
05'		Group Rotation	
30'	11:40	Hip case3 MI 90-100% age 14	10 mins presentation of important data / findings
50'	12:15	Lunch break	
30'	13:00	Spine case 1 Cobb 15°	10 mins presentation of important data / findings
05'		Group Rotation	
30'	13:35	Spine case 2 Cobb 45°	10 mins presentation of important data / findings
05'		Group Rotation	
30'	14:10	Spine case 3 Cobb 75°	10 mins presentation of important data / findings
30'	14:40	Break	
30'	15:10	Case 1 hyperreflexic gait	10 mins presentation of important data / findings
05'		Group Rotation	
30'	15:45	Case 2 rigid gait	10 mins presentation of important data / findings
05'		Group Rotation	
30'	16:20	Case 3 upper extremity ulnar deviation thumb in palm etc: select a typical frequent problem	10 mins presentation of important data / findings
05'		Rotation to Main Hall	
30'	16:50	Summing up and conclusion	
	17:00	End of the live day	

General information www.epos.org/advanced-courses

Prerecorded talks available to watch from 25 October 2021 until 07 January 2022

Prerecorded talks available to the registered participants to watch in advance prior the live day.

Live virtual day on Friday 07 January 2022 from 8:15 to 17:00

Zoom discussion: a case is presented, and the participants should make suggestions of what, why, and how to assess and treat.

Pre-and Post Exams

This course will include pre- and post exams to measure the level of each participant in the beginning & after the course in order to get a better understanding on how much the information provided during this course increased the level of knowledge of the subject by the participants.

Treatment Principles in Cerebral Palsy

Prerecorded Lectures available as of 25 October 2021 to the participants

Duration	Time	Topic	Speaker
5'	5	Welcome and course structure	Reinald Brunner
20'	25	Cerebral palsy overview	Alexander Krebs
15'	40	Clinical examination	Ana Presedo
15'	55	Normal gait	Martin Svehlik
15'	70	Factors of motor control and development of gait disorders	Reinald Brunner
15'	85	Physical and muscular interactions	Reinald Brunner
15'	100	Movement analysis what is the additional information, impact	Thomas Dreher
15'	115	Gait indices and synergies	Adam Shortland
15'	130	Gait analysis: future options	Reinald Brunner
15'	145	Resistance to fast movements: spasticity and the muscle	Adam Shortland
15'	160	Spasticity treatment: general considerations	Guy Molenaers
15'	175	Botulinum toxin today	Eva Ponten
15'	190	SDR and Baclophen pump	Guy Molenaers
20'	210	Gait disorders in unilateral spastic CP (hemiplegia)	Elke Viehweger
20'	230	Gait disorders in bilateral spastic CP (diplegia)	Thomas Dreher
20'	250	Gait disorders in bilateral spastic CP (tetraparesis)	Adam Shortland
20'	270	Gait disorders in ataxic / dystonic cerebral palsy	Martin Gough
20'	290	Foot deformities	Tim Theologis
20'	310	Knee problems	Ana Presedo
15'	325	Hip rotation and wind sweeping	Uri Givon
15'	340	Muscle surgery versus bony corrections	Thomas Dreher
15'	355	Multilevel approach: surgical or conservative?	Martin Gough
15'	370	Minimal invasive surgery	Tim Theologis
15'	385	Elbow and wrist	Caroline Leclercq
15'	400	Hand and fingers	Caroline Leclercq
15'	415	Hip disease: problem and surveillance	Gunnar Hagglund
15'	430	Early interventions ("prophylaxis")	Guy Molenaers
15'	445	Reconstruction	Reinald Brunner
15'	460	Endoprosthesis and salvage	Uri Givon
15'	475	Spinal deformities: evaluation and follow up; hip or spine first ?	Ilkka Helenius
15'	490	The correct spinal brace	Elke Viehweger
15'	505	Head control	Anne-Laure Simon
15'	520	Minimal invasive spinal surgery	René Castelein
15'	535	Spinal surgery: complications and outcome	Muharrem Yazici
20'	555	Assessment tools	Unni Naranayan
15'	570	What do registers tell us?	Gunnar Hagglund
15'	585	Treatment: What about prophylaxis?	Reinald Brunner
15'	600	The adult patient with CP	Ana Presedo
20'	620	Outcome measurement and decision making	Unni Naranayan