



Friday, 17 November 2023

09.00 – 09.30 am	Welcome, introduction of speakers Explanation of the procedure in a hybrid setting <i>Ines Bersch-Porada</i>
09.30 – 09.50 am	The history of gait using electrical stimulation <i>Winfried Mayr</i>
09.50 – 10.50 am	Myoelectric orthoses - Guidelines 1. DGNR (Deutsche Gesellschaft für Neurorehabilitation) <i>Thomas Schick</i> 2. AWMF (Arbeitsgemeinschaft der Wissenschaftlichen Medizinischen Fachgesellschaften) <i>Ines Bersch-Porada</i> 3. Delphi FES clinical practice guidelines <i>Ines Bersch-Porada</i>
10.50 – 11.10 am	Mobility vs. therapy using electrical stimulation inducing systems <i>Thomas Schick</i>
11.10 – 11.40 am	Break
11.40 – 12.10 pm	What is the technical potential of foot-drop systems? <i>Winfried Mayr</i>
12.10 – 12.30 pm	Differences among the most common foot-drop systems <i>Ines Bersch-Porada</i>
12.30 – 01.00 pm	From the evaluation towards handing-over a device – Indications for walking with electrical stimulation inducing systems <i>Ines Bersch-Porada</i>
01.00 – 02.00 pm	Break
02.00 – 02.30 pm	Functional training with electrical stimulation as a preparation for walking <i>Thomas Schick</i>
02.30 – 03.00 pm	Transcutaneous spinal cord stimulation (tSCS) and peripheral stimulation as modalities for neuromodulation and improvement of walking functions in upper and lower motor neuron lesions - Possibilities and limitations, Part 1 <i>Winfried Mayr</i>
03.00 – 03.30 pm	Break
03.30 – 04.00 pm	Transcutaneous spinal cord stimulation (tSCS) and peripheral stimulation as modalities for neuromodulation and improvement of walking functions in upper and lower motor neuron lesions - Possibilities and limitations, Part 2 <i>Winfried Mayr</i>
04.00 – 04.45 pm	Walking with devices inducing the activation of plantar flexors and dorsiflexors in the corresponding walking phases using electrical stimulation <i>Ines Bersch-Porada</i>
04.45 – 05.15 pm	The myths of gait restoration by electrical stimulation <i>Ines Bersch-Porada, Winfried Mayr, Thomas Schick</i>
Followed by	End of first day of course / Aperitif

Saturday, 18 November 2023

- 08.30 – 09.00 am Interference of the reflex activity in upper motor neuron lesions
Thomas Schick
- 09.00 – 09.30 am Sensory vs. motor stimulation in walking
Ines Bersch-Porada
- 09.30 – 10.00 am Verticalization and therapeutic walking in lower motor neuron lesions (LMNL)
Winfried Mayr
- 10.00 – 10.30 am Break**
- 10.30 am – 12.30 pm Practical part with participation of 3 patients and their own systems
- 12.30 – 01.00 pm Conclusion of the course for the online participants:**
Feedback and perspectives for 2024
- 12.30 – 01.30 pm Break on-site participants**
- 01.30 – 03.45 pm Practical part: trial of a selection of systems by the on-site participants
- 03.45 – 04.00 pm End of course with feedback and perspectives for 2024**
Ines Bersch-Porada

Last updated April 3rd of 2023 / Subject to change without prior notice

Yours sincerely

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International FES Centre®

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