International FES Centre®

Electrical stimulation for functional improvement of the upper extremity from clinical reasoning to evidence-based practice

20 and 21 November 2020
Online course with Zoom App
Electrical stimulation for functional improvement of the upper extremity

Objective: To learn the theoretical and practical foundations of functional electrical stimulation of the upper extremity.

Programme and course topics

Friday, 20 November 2020 9 am to 5 pm
Saturday, 21 November 2020 8.30 am to 4 pm

Course content

- To learn the differences in stimulation between lower and upper motor neuron damage
- To explain muscle physiology in various diseases (stroke, spinal cord injury, brachial plexus palsy, Guillain-Barré syndrome, peripheral nerve injuries)
- To find out about forms of current, stimulation parameters, and stimulation protocols
- To present different application examples for the various diseases
- To find out about stimulation in function and activity
- To learn how to program sequences of movement in the upper extremity
- To process cases provided by participants from daily practice in small groups of five
- To gain an insight into the current evidence of functional electrical stimulation
- To obtain information about transcutaneous spinal cord stimulation

The detailed programme will be available on:
www.paraplegie.ch/International FES Centre®area
**Target audience**

- Physicians working in the field of neurology, orthopaedics and rehabilitation.
- Physiotherapists and occupational therapists who treat patients with upper and lower motor neuron damage in their practice/clinic. These may be patients who have had a stroke, or who have a spinal cord injury or other neurodegenerative diseases. Patients with peripheral nerve damage caused by accident or disease are also a participant target group.

**Preparation**

Four weeks before the start of the course, participants will be sent practice-relevant articles on the individual topics by e-mail so that they can prepare. Course participants who would like to process cases from their own practice are requested to send these in summarised form with anonymised details to the Course Administration team by two weeks before the start of the course at the latest: fes.spz@paraplegie.ch.

**Course language**

English

**Costs**

CHF 280.–

**Credits**

SGPMR Credits are requested

**Registration**

Registration deadline: 30 September 2020

Registrations will be accepted in the order they arrive. The course organisers reserve the right to cancel the course if there are insufficient participants.

Minimum number of participants: 20

Please register using the online registration form on our [Website](#).

**Execution**

The course will be conducted exclusively online, using the Zoom app. We recommend participation in the course with a laptop (not with a tablet or mobile phone). The Zoom app should be installed and tested on the laptop before the course begins.
**Cancellation**

If you are unable to attend the course, please contact the organiser in writing or by e-mail as soon as possible. Cancellation costs and administrative fees will be charged to the customer. In the case of cancellations up to 22 days before the start of the course, participants will be charged CHF 20.00 / EUR 15.00 to cover administrative costs. The organiser is entitled to charge the following cancellation fees from 21 days before the start of the course:

- **21 to 15 days before the start of the course**: 30% of the course fees
- **14 to 8 days before the start of the course**: 50% of the course fees
- **7 to 1 days before the start of the course**: 80% of the course fees
- **Cancellation on the first day of the course/No show**: 100% of the course fees

**Course management / Speakers**

- Dr. Ines Bersch-Porada, Head of the International FES Centre® in the Swiss Paraplegic Centre Nottwil
- Prof. DDr. Winfried Mayr, Associate Professor, Medical University of Vienna, Center for Medical Physics and Biomedical Engineering
- Thomas Schick, MSc Neurorehabilitation, FES-Lecturer

**Information**

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