



# SMS

(Spasticity Management School)

# Toxin Academy

3-4 May 2024

## Learning Objectives

Assessment of Spastic Patient  
Spastic Movement Patterns and Muscles Involved in These Patterns  
Review the Anatomy of Upper Limb - Lower Limb (Muscles and Nerves)  
Botulinum Toxin Injection Techniques and Ultrasound Guided Injections  
Basics of Dynamic EMG  
Motor Nerve Blocs under Ultrasound Guidance

## Suitable For

Rehabilitation Specialist, Physiotherapist, Orthopedic Surgeons, Neurologist, Pediatric Neurologist, Neurosurgeon

## When

May 03-04, 2024

## Location

University of Fribourg, Switzerland

## Course Director

Dr. Serdar Kocer

## Faculty

Dr Serdar Koçer, Prof. Luis Filgueira, Dr. Jonathan Bemporad, Prof. Christian Hammer, Prof Laurent Tatu, Dr Francois Droz Bartholet

2 Hours Online and 14 Hours Hands-on Course

## Credits

Swiss Society of Neurology, Swiss Society of Physical Medicine, and Rehabilitation, EACCME (depending on number of participants)

**TOXIN**   
**ACADEMY**



# PROGRAM

Online

30 APRIL 2024, TUESDAY

Spastic Patient Assessment and Clinical Decision Making  
Neuro Orthopedic Examination  
Complex Case Evaluation: Dynamic EMG, Motor Nerve Blocs

**Serdar Kocer**

3 MAY 2024, FRIDAY

08.00-08.30 Introduction

**Serdar Kocer**

08.30-10.00 Upper Limb Spasticity, Review of the BT-A Treatment Indications,  
Injection Technique, Upper Limb Motor Nerve Blocs Indications, Technique

**Serdar Kocer**

10.00-10.15 **Coffee break**

10.15-11.00 Review of Upper Limb Anatomy Muscles and Nerves on the Anatomy Lab.

**Luis Filgueira, Christian Hammer, Laurent Tatu**

11.00-13.00 Hands-on Training, Upper Limb Muscles Injection on Cadaver

**Serdar Kocer, Jonathan Bemporad, Francois Droz Bartholet**

13.00 -14.00 **Lunch**

14.00 -15.30 Lower Limb Spasticity, Review of the Indications and Injection Technique,  
Upper Limb Motor Nerve Blocs Indications, Technique

**Serdar Kocer, Jonathan Bemporad**

15.30-15.45 **Coffee Break**

15.45-16.00 Review of Lower Limb Anatomy Muscles and Nerves on the Anatomy Lab

**Luis Filgueira, Christian Hammer, Laurent Tatu**

16.00-18.00 Hands-on Training, Lower Limb Muscles Injections on Cadaver

**Serdar Kocer, Jonathan Bemporad, Francois Droz Bartholet**

4 MAY 2024, SATURDAY

08.30-10.30 Upper Limb Motor Nerve Blocs Hands on Training

**Serdar Kocer, Francois Droz Bartholet, Jonathan Bemporad**

10.30-11.00 **Coffee Break**

11.00-13.00 Lower Limb Motor Nerve Blocs Hands on Training

**Serdar Kocer, Jonathan Bemporad, Francois Droz Bartholet**

13.00-13.15 Evaluation and Summary

**Serdar Kocer, Luis Filgueira**

13.15-14.00 **Lunch**

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