



# SMS

(Spasticity Management School)

# Toxin Academy



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ACADEMY

## 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

To be Familiar with Surgical Techniques for Treating Spasticity and Their Indications

## Suitable For

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

## When

## Location

University of Fribourg, Switzerland

## Course Director

Dr. Serdar Kocer

## Faculty

Dr. Serdar Koçer, Prof. Luis Filgueira, Dr. Jonathan Bemporad, Prof. Christian Hammer, 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)



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ISNeReM  
International Society of Neurology  
and Rehabilitation Medicine

# PROGRAM

Online

24 JUNE 2024, MONDAY

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

**Serdar Kocer**

28 JUNE 2024, FRIDAY

- 08.00-08.30 Introduction  
**Serdar Koçer**
- 08.30-10.00 Upper and Lower Limb Anatomy Focused on Muscles and Nerves  
**Luis Filgueira, Christian Hammer**
- 10.00-10.30 **Coffee Break**
- 10.30-11.00 Upper Limb Spasticity and US Guided Injection Techniques  
**Serdar Koçer**
- 11:00-11:20 Upper Limb Motor Nerve Block Indication and Techniques  
**Jonathan Bemporad**
- 11:20-12:30 Live Demonstration and Hands on Training on Model  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 12:30-13:30 **Lunch**
- 13:30-15:00 Hands on BT-A Injection Training (Upper Limb)  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 15:00- 15:30 **Coffee Break**
- 15:30-16:30 Hands on Motor Nerve Block Training (Upper Limb)  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 16:30-17:00 Lower Limb Spasticity and US Guided Injection Technique  
**Serdar Koçer**
- 17:00-17:30 Lower Limb Motor Nerve Blocks Indications and Techniques  
**François Droz Bartholet**

29 JUNE 2024, SATURDAY

- 09.00-09.30 Ultrasound Guided Percutaneous Tenotomy, Indications and Technique  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 09.30-10.30 Percutaneous Tenotomy, Demonstration and Hands On Training  
**Jonathan Bemporad, Serdar Koçer, François Droz Bartholet**
- 10:30-11:00 **Coffee Break**
- 11:00-12:00 Hands on Training BT-A Injection Training (Lower Limb)  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 12:00-13:00 Hands on Motor Nerve Block Training (Lower Limb)  
**Serdar Koçer, Jonathan Bemporad, François Droz Bartholet**
- 13:00-13:15 Evaluation and Conclusion
- 13:15-14:00 **Lunch**

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