



SMS

(Spasticity Management School)

Toxin Academy

24-25 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

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

Suitable For

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

When

24-25 May 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, Dr. Paolo Zerbinati

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

21 MAY 2024, TUESDAY

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

Serdar Kocer

24 MAY 2023, FRIDAY

08.00-08.30 Introduction

Serdar Kocer

08.30-10.00 Upper and Lower Limb Anatomy Focused on Muscles and Nerves

Christian Hammer, Alessandro Bilella

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

12:30-13:30 **Lunch**

13:30-15:00 Hands on BT-A Injection Training (Upper Limb)

Serdar Koçer, Jonathan Bemporad

15:00- 15:30 **Coffee Break**

15:30-16:30 Hands on Motor Nerve Block Training (Upper Limb)

Serdar Koçer, Jonathan Bemporad

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

Serdar Koçer, Jonathan Bemporad

25 MAY 2023, SATURDAY

08.30-09.00 Surgical Techniques in the Treatment of Upper Limb Spasticity and Indications

Paolo Zerbinati

09.00-09.30 Surgical Techniques in the Treatment of Lower Limb Spasticity and Indications

Paolo Zerbinati

09:30-10:00 **Coffee Break**

10:00-11:30 Hands on Training BT-A Injection Training (Lower Limb)

Serdar Koçer, Jonathan Bemporad

11:30-12:30 Hands on Motor Nerve Block Training (Lower Limb)

Serdar Koçer, Jonathan Bemporad

12:30-13:30 Demonstration of Lower Limb Percutaneous Surgery

Paolo Zerbinati

13:30-14:00 **Lunch**

14:00-14:30 Evaluation