

# **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

28-29 June 2024

# Location

University of Fribourg, Switzerland

#### **Course Director**

Dr. Serdar Kocer

# Faculty

Dr. Serdar Kocer, Prof. Luis Filqueira, 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)





# **PROGRAM**

ტnline	24 JUNE 2024, MONDAY
Spastic Patient Assessment and Clinical Decision Making	
	opedic Examination se Evaluation: Dynamic EMG, Motor Nerve Blocs
Serdar Koce	
28 JUNE 2024, FRIDAY	
08.00-08.30	Introduction
00 70 10 00	Serdar Koçer
00.30-10.00	Upper and Lower Limb Anatomy Focused on Muscles and Nerves <b>Luis Filgueira, Christian Hammer</b>
10.00-10.30	
10.30-11.00	Upper Limb Spasticity and US Guided Injection Techniques
11:00-11:20	Serdar Koçer Upper Limb Motor Nerve Block Indication and Techniques
11.00 11.20	Jonathan Bemporad
11:20-12:30	Live Demonstration and Hands on Training on Model
40 70 47 70	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet
12:30-13:30 13:30-15:00	Lunch Hands on BT-A Injection Training (Upper Limb)
13.30-13.00	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet
15:00-15:30	
15:30-16:30	Hands on Motor Nerve Block Training (Upper Limb)
16:30-17:00	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet Lower Limb Spasticity and US Guided Injection Technique
10.30-17.00	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
09.30-10.30	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet Percutaneous Tenotomy, Demonstration and Hands On Training
00.00 10.00	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)
12:00-13:00	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet Hands on Motor Nerve Block Training (Lower Limb)
12.00 10.00	Serdar Koçer, Jonathan Bemporad, François Droz Bartholet
13:00-13:15	Evaluation and Conclusion
13:15-14:00	Lunch



