

# TOXIN ACADEMY TRAINING & MASTERCLASS PROGRAM



**Course Director: Dr. Serdar Koçer**  
**Venue:** Department of Anatomy  
University of Fribourg, Switzerland



We limit the number of registrations to guarantee a ratio of anatomical preparation, ultrasound and supervisor of 1 for 4 to 6 participants. Priority will be given to the first registrants.

Some of our training courses benefit from European CME credits or credits from the Swiss Society of Neurology and Swiss Society of PMR. Please enquire if you require training credits.

For more information you can check our website  
**[www.toxinacademy.com](http://www.toxinacademy.com)**  
or scan the QR code

Accessible by direct train from Zürich and Geneva airports and with change from Basel - Mulhouse Airport in 1h30 minutes

## Contact

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SHARING  
**KNOWLEDGE**  
IMPROVING  
**SKILLS**





# SMS

(Spasticity Management School)  
(2 days training)

## Learning Objectives

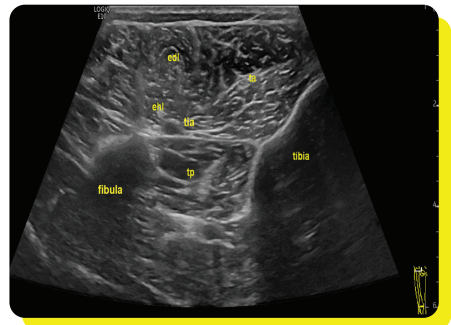
- Assessment of Spastic Patient
- Spastic Movement Patterns and Muscles Involved in These Patterns
- Review the Anatomy of Upper Limb - Lower Limb (Muscles and Nerves)
- Botulinum Toxin Injection Techniques and Ultrasound Guided Injections
- Basics of Dynamic EMG
- Motor Nerve Blocs under Ultrasound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

## Suitable For

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

## Program

- Online Session: Assessment of Spastic Patient 1h30
- Anatomy Course (Wet Lab), Muscle and Nerves of The Upper and Lower Limb 1h00
- Upper Limb Spasticity: Patterns and Injection Techniques Hands-On Training 3h00
- Upper Limb Spasticity Motor Nerve Blocks Hands-On Training 2h00
- Lower Limb Spasticity: Patterns and Injection Techniques, Hands-On Training 3h00
- Upper Limb Spasticity Motor Nerve Blocks Hands-On Training 2h00
- Associated Treatments: Surgery, Orthoses, Rehabilitation 1h30



# ULTRASOUND GUIDED BOTULINUM TOXIN TREATMENT IN DYSTONIA AND SPASTICITY (2 DAYS TRAINING)

## Learning objectives

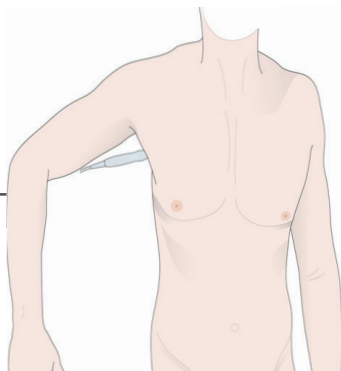
Assessment of spastic patient, clinical decision making in the spasticity management  
Target muscles selection in spasticity  
Cervical dystonia, semiology and patterns  
Anatomy of head and neck.  
Anatomy of upper extremity  
Anatomy of lower extremity  
Ultrasound guided Botulinum Toxin injection technique

## Suitable for

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

## Program

Head and Neck Anatomy 1h  
Cervical Dystonia, Facial and Oro Mandibular Dystonia: Assessment, Patterns and Injections 1h  
Hands on Training on Cadaver 2h  
Upper Limb Anatomy 45min  
Upper Limb Spasticity Patterns, 45min  
Upper Limb Injections, Hands on Training 2h30min  
Lower Limb Anatomy 45min  
Lower Limb Spasticity Patterns, 45min  
Lower Limb Injections, Hands on Training 2h30min  
Conclusion 30min



**TOXIN** +  
ACADEMY

# TOXIN ACADEMY MASTERCLASS

(3 DAYS)

## BOTULINUM TOXIN TREATMENT IN CLINICAL MEDICINE

The Toxin Academy MasterClass aims to bring together once a year (early July) clinicians involved in the therapeutic management of spastic or dystonic patients to exchange knowledge and provide access to special anatomical preparations to improve our skills.

### Topics

- Adult Upper Limb Spasticity
- Adult Lower Limb Spasticity
- Spasticity in Cerebral Palsy
- Cervical Dystonia
- Focal Limb Dystonia
- Blepharospasm, Facial Hemispasm
- Oro mandibular Dystonia and Tremor
- Chronic Sialorrhea
- Overactive Bladder
- Migraine

### Workshops

- Anatomy of Head and Neck
- Anatomy of Upper and Lower Limb
- Head and Neck Ultrasound Guided Injections
- Upper Limb Ultrasound Guided Injections
- Lower Limb Ultrasound Guided Injections
- Spastic Patient Assessment and Clinical Decision Making
- Dystonic Patient Assessment and Clinical Decision Making
- Motor Nerve Blocks
- Surgical Treatment in the Spasticity
- Rehabilitation and Self Rehabilitation
- Chronic Migraine and BT-A Indications and Injection Technique
- Overactive Bladder and Treatment with BT-A Injections
- Deep Brain Stimulation and Focused Ultrasound Surgery in Dystonia

