

# TOXIN ACADEMY MASTERCLASS

## Therapeutic Uses of Botulinum Toxin: Indications and Injection Techniques

University of Fribourg – Fribourg, Switzerland

**Dr. Serdar Koçer, Course Director**, (PMR, Switzerland)  
**Dr. Francois Droz Bartholet** (PMR Specialist, France)  
**Dr. Laurent Tatu** (Neurologist, France)  
**Dr. Jonathan Bemporad** (PMR, Italy)  
**Dr. Paolo Zerbinati** (Orthopedic Surgeon, Italy)  
**Dr. Alain Kaelin** (Neurologist, Switzerland)  
**Dr. Andreas Gantenbein** (Neurologist, Switzerland)  
**Dr. Shabnam Shahpasand** (ENT Surgeon, Germany)

**Dr. Elke Viehweger** (Pediatric Orth. Surgeon, Switzerland)  
**Dr. Tobias Baumer** (Neurologist, Germany)  
**Dr. Julia Waskönig** (Neurologist, Switzerland)  
**Dr. Michael Walch** (Anatomist, Switzerland)  
**Pr. Christian Hammer** (Anatomist, Switzerland)  
**Dr. Anna Castagna** (Neurologist, Italy)  
**Dr. Natale Di Bella** (PMR, Switzerland)  
**Dr. Eric Mauppas** (PMR, France)

*The list of speakers/instructors is not final.*

FACULTY

### HANDS-ON PROGRAM

- **Head and Neck: BoNT-A Injection Techniques Including Masticatory Muscles and Salivary Glands** (1h 30min)
- **Botulinum Toxin (BoNT-A) in Migraine: Indications, Application Techniques** (1h 30min)
- **Facial Anatomy, Facial Ultrasound** (1h 30min)
- **Anatomy of Upper and Lower Limb** (1h 30min)
- **Motor Nerve Blocks in the Assessment and Treatment of Spasticity** (1h 30min)
- **Upper Limb: Techniques of US Guided BoNT-A Injections** (1h 30min)
- **Lower Limb: Techniques of US Guided BoNT-A Injections** (1h 30min)
- **Surgery in the Treatment of Spastic Upper and Lower Limb (Demonstration on Anatomical Preparation)** (1h 30min)



## THEORETICAL PROGRAM

- Physiological and Pathological Muscle: Structure and Function
- Facial Anatomy Action of the Facial Muscles in the Expression of Our Emotions
- Cervical Muscles Anatomy: Function and Dysfunction
- Lower Limb Muscles Activity During Normal Gait
- BoNT-A Injections for Chronic Headaches & Facial Pains: Indications and Injection Techniques
- Neurogenic Over Active Bladder & BoNT-A
- BoNT-A Injections for Chronic Sialorrhea
- Assessment of Patient with Cervical Dystonia and Clinical Decision Making
- Indications of Treatment with Botulinum Toxin in Maxillofacial Pathologies
- Spasticity Management in Children
- Multimodal Management of Complex Cases in Spasticity
- Multimodal Treatment with BoNT and Rehabilitation Approaches in Dystonia
- Visual Gait Analysis and Dynamic EMG
- Blepharospasm, Jaw and Tongue Dystonia, Meige Syndrome
- Surgical and Percutaneous Interventions in the Management of Spasticity
- Focal Limb Dystonia and Tremor

**DURATION OF TRAINING:** 2.5 days ( Thursday morning to Saturday noon)

**INTENDED FOR:** Neurologists, PMR, Orthopedic Surgeons, Neurosurgeons, Physiotherapists and Occupational Therapists