

# ULTRASOUND GUIDED BOTULINUM TOXIN INJECTION ANATOMICAL AND HANDS ON TRAINING

FRIBOURG, SWITZERLAND

## FACULTY

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## FRIDAY

**08:45-09:00 Welcome and Introduction**

**09:00-10:00 Upper Limb Session**

- ❖ Upper Limb Spasticity and Dystonia: Abnormal Patterns, Target Muscles, Anatomy of Upper Limb Muscles and Nerves **(40 min.)**
- ❖ Review of the Anatomical Structures of the Upper Limb in the Laboratory **(20 min.)**

**10:00-10:15 COFFEE BREAK**

**10:15-12:45 Hands on Training on Cadaver: Injection of Upper Limb Muscles Under Ultrasound Guidance (2 hours 30)**

**12:45-14:00 LUNCH**

**14:00-15:15 Head and Neck Session**

- ❖ Cervical Dystonia: Patterns and Semiology, Anatomy of Cervical Muscles **(45 min.)**
- ❖ Review of the Anatomical Structures of the Head and Neck Region in the Laboratory **(30 min.)**

**15:15-15:30 COFFEE BREAK**

**15:30-18:00 Hands on Training on Cadaver: Injection of Neck Muscles Under Ultrasound Guidance (2 hours 30 min.)**

## SATURDAY

**09:00-10:00 / Lower Limb Session**

- ❖ Lower Limb Spasticity and Dystonia. Gait Abnormalities. **(40 min.)**
- ❖ Anatomy of Lower Limb Muscles and Nerves **(20 min.)**

**10:00-10:15 COFFEE BREAK**

**10:15-12:45 Hands on Training on Cadaver: Injection of Lower Limb Muscles Under US Guidance (2 hours 30 min.)**

**12:45-13:00 Conclusion**