

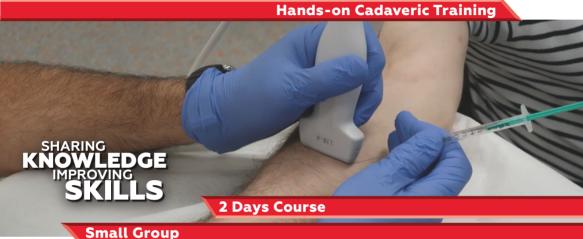




ULTRASOUND GUIDED BOTULINUM TOXIN INJECTION, CADAVERIC AND HANDS ON TRAINING

Course Director: Dr. Serdar Koçer

Department of Anatomy University of Fribourg, Switzerland



SAVE the DATES 2023

- 24-25 FEBRUARY 2023
- 17-18 MARCH 2023 (FRENCH SESSION) Fully Booked
- 21-22 APRIL 2023
- 19-20 MAY 2023

- 29 JUNE 1 JULY 2023, MASTERCLASS
- 25-26 AUGUST 2023
- 1-2 SEPTEMBER 2023 Fully Booked
- 14-15-16 SEPTEMBER 2023, MSK COURSE

TOXIN *



TOXIN ACADEMY MOBILE APPLICATION is available on Android and IOS stores.







VIRTUAL TEACHING PROGRAM (3 Sessions of 90 Minutes)

- Session 1: Botulinum Toxin Injection Techniques Use of Ultrasound Guidance to Improve Accuracy Optimization of Images and Basic Settings Choice of Equipment
- Session 2: Examination of the Spastic Patient (Neuro-Orthopedic Examination) Abnormal Patterns in Spasticity and Muscles Involved
- Session 3: Clinical Examination of the Dystonic Patient Abnormal Patterns and Involved Muscles

PROGRAM DAY 1

Introduction 30 min: Technique of Ultrasound Guided Botulinum Toxin Injections

Head and Neck Session: 4 hours 15 minutes

Cervical Dystonia: Patterns and Semiology, Anatomy of Cervical Muscles 60 min. presentation Facial and Oro Mandibular Dystonia: Semiology, Anatomy of Facial Musles 30 min. presentation Review of the Anatomical Structures of the Head and Neck Region in the Laboratory 45 min. Hands on Training on Cadaver: Injection of Neck Muscles and Salivary Glands Under Ultrasound Guidance 120 min.

Upper Limb Session 4 hours 15 minutes

Upper Limb Spasticity and Dystonia: Abnormal Patterns, Target Muscles, Anatomy of Upper Limb Muscles and Nerves 60 min.

Review of the Anatomical Structures of the Upper Limb in the Laboratory 45 min.

Hands On Training on Cadaver: Injection of Upper Limb Muscles Under Ultrasound Guidance 150 min.

PROGRAM DAY 2

Lower Limb Session 4 hours 15 minutes

Lower Limb Spasticity and Dystonia: Gait Abnormalities and Abnormal Patterns, Target Muscles, Anatomy of Lower Limb Muscles and Nerves 60 min.

Review of the Anatomical Structures of the Upper Limb in the Laboratory 45 min.

Hands on Training on Cadaver: Injection of Lower Limb Muscles Under Ultrasound Guidance 150 min.

Conclusion-Evaluation 15 min.

FACULTY

<u>Dr. Serdar Kocer, Switzerland</u> <u>Pr. Laurent Tatu, France</u> <u>Pr. Luis Filgueira, Switzerland</u> <u>Dr. Paolo Zerbinati. Italy</u> <u>Pr. Wolfgang Jost, Germany</u> <u>Dr. Eric Maupas, France</u> <u>Dr. Rajiv Reebye, Canada</u> <u>Dr. Marie-Helene Marion, UK</u> <u>Dr. Klemen Grabljevec, Slovenia</u> <u>Dr. François Droz-Bartolet, France</u>

Toxin Academy courses are accredited by Swiss Neurological Society and European Accreditation Council for Continuing Medical Education (EACCME).