

ULTRASOUND GUIDED BOTULINUM TOXIN INJECTION, CADAVERIC AND HANDS ON TRAINING

Course Director: Dr. Serdar Koçer

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Hands-on Cadaveric Training

SHARING
KNOWLEDGE
IMPROVING
SKILLS

2 Days Course

Small Group

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⁺ ACADEMY




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is available on Android and IOS stores.



www.toxinacademy.com

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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 Muscles **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

Dr. Serdar Kocer, Switzerland

Pr. Laurent Tatu, France

Pr. Luis Filgueira, Switzerland

Dr. Paolo Zerbinati, Italy

Pr. Wolfgang Jost, Germany

Dr. Eric Maupas, France

Dr. Rajiv Reebye, Canada

Dr. Marie-Helene Marion, UK

Dr. Klemen Grabljevec, Slovenia

Dr. François Droz-Bartolet, France

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