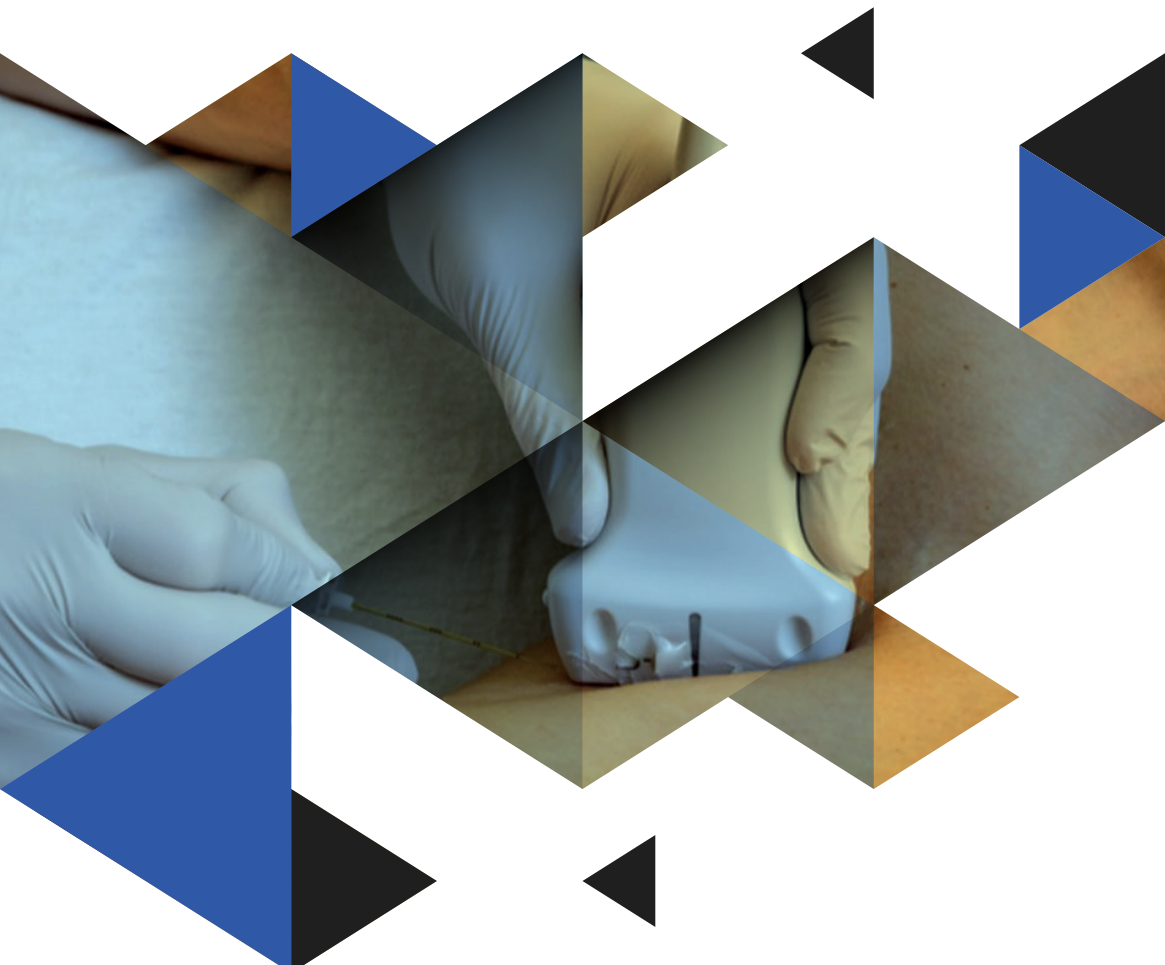




**Hôpital
du Jura**
Nous pour vous !

**UNI
FR**
UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG



ULTRASOUND GUIDED SELECTIVE MOTOR NERVE BLOCKS COURSE

Hands on Training on Cadaver

8-9 JULY 2022

TOXIN +
ACADEMY

University of Fribourg
SWITZERLAND

www.toxinacademy.com

ULTRASOUND GUIDED SELECTIVE MOTOR NERVE BLOCKS COURSE

Hands on Training on Cadaver

TECHNIQUE OF SELECTIVE MOTOR NERVE BLOCK UNDER ULTRASOUND GUIDANCE (UPPER LIMB AND LOWER LIMB) IN THE MANAGEMENT OF SPASTICITY -DYSTONIA

70% time is dedicated to the hands on training on Thiel preparations

Ratio: 1 instructor + 1 full body+ 1 us machine for 4 participants

Free Toxin Academy Application: Atlas of nerves and muscles

Objectives:

Review of the anatomy of peripheral nerves.

Technique for locating motor nerves by ultrasound.

Indications and limits of the nerve blocks.

Patient evaluation after the blocks and decision-making for the treatment of spasticity-dystonia.

Course Director: Dr. Serdar Kocer

Available for: PRM doctors, Neurologist, other specialist involved in the treatment of spasticity.

Location: Anatomy Laboratory, University of Fribourg.

Registration: syildiz@opteamist.com

For Information : echorehab@gmail.com or Whatsapp: +33 6 32 35 25 77

Program D1 : Friday Morning (08:00 - 12:00)

- Peripheral nerve anatomy
- Interest of selective motor nerve blocks in the evaluation of spasticity and dystonia
- Technique for locating the motor nerve by electrostimulation
- Technique for locating the motor nerve by ultrasound. Optimal settings of US machine for nerve identification
- Advantages and limitations of these two techniques
- The products used and the doses
- Precautions to be taken, patient information
- Evaluation before and after the block
- The role of the block in therapeutic decision-making.

ULTRASOUND GUIDED SELECTIVE MOTOR NERVE BLOCKS COURSE

Hands on Training on Cadaver

Program D1: Friday Afternoon: Hands on Training on Cadaver (13:00 - 18:00)

Upper Limb

- Musculo cutaneous nerve block and Elbow flexors assessment
- Proximal and distal block of median nerve and wrist, fingers flexors, fore arm pronators assessment. The role of Intrinsic and extrinsic muscles in the abnormal pattern.
- Radial Nerve block and wrist – fingers extensors assessment
- Proximal and distal Ulnar Nerve block

Program D2: Saturday: Hands on Training on Cadaver (08:00 - 14:00)

Lower Limb

- The anesthetic block of the obturator nerve and its branches. Assessment of hip adductors and medial rotators. Treatment of spasticity with alcohol or phenol injections
- Femoral nerve and its branches (Rectus femoris and Vastus intermedius). Assessment of stiff knee gait pattern
- Sciatic nerve block
- The anesthetic block of the tibial nerve and its branches (Soleus , Gastrocnemius, Tibialis posterior) . Assessment of equinus and equinovarus gait pattern . The block of the distal tibial nerve . Assessment of toe- great toe flexors
- The block of fibular nerve and its branches. Assessment of valgus foot pattern

Peripheral Nerve Blocks in Pain Management

Supra scapular Nerve Block: Anatomy and injection technique.

Indications (Hemiplegic shoulder pain and other indications)

Lateral Femoral Cutaneous Nerve Block: Anatomy and injection technique. Indications.

Evaluation and Conclusion