**Focused course in pathophysiology and practical treatment of pain**

**Date: 07.06.2024**

Place: Habiliteringssenteret, Drammen sykehus. Konggata 51 (Entrance: Wergelandsgate 10)

Language: English

**Purpose**: The participants should at the end of the course be able to distinguish between different types of pain (nociceptive, central and peripheral neuropathic pain, mixed pain, idiopathic pain), and competencies to independently identify problems in relation to the treatment of pain in dystonia and spasticity patients. To know when and how to treat peripheral neuropathic pain with botulinum toxin. To evaluate the treatment response and adjust the subsequent treatment.

We expect that the participants to hold basic knowledge of medical treatment of pain and multidisciplinary approach.

**Participants**: Multidisciplinary team working with the treatment of chronic pain with known etiology including secondary to dystonia and spasticity; Anesthesiologist, nurse, physiotherapist, occupational therapist, psychologist.

Neurologist, neuropediatrician, orthopedic surgeon, general practitioner, neurophysiologists.

**Program:**

0830-0900: Registration and coffee

09.00-09.15: Welcome and introduction

09.15-10.30: Pain Pathophysiology and Pain Classification.

Jan Rosner, Associate Professor and Consultant Neurologist, Danish Pain Research Center, Department of Clinical Medicine, Aarhus University

10.30-10.45: Break

10.45-11.15: Clinical assessment and differentiation between types of pain.

Jan Rosner, Associate Professor and Consultant Neurologist, Danish Pain Research Center, Department of Clinical Medicine, Aarhus University

11.15-12.00: Evidence-based treatment of neuropathic pain (peripheral and central)

Jan Rosner, Associate Professor and Consultant Neurologist, Danish Pain Research Center, Department of Clinical Medicine, Aarhus University

12.00-12.45: Lunch

12.45-13.15: Potential mechanisms of action in relation to Botulinum toxin type A in pain management. Senior Consultant Bo Biering-Sørensen

13.15-14.15 Procedures in clinical practice. Patient treatments and interaction with the participants. Bo Biering Sørensen, Jan Rosner and Maja Villseth

Pasient 1: Trigeminus neuralgia.

Pasient 2: Postherpetic neuralgia.

14.15-14.30: Break

14.30-14.45 Pharmacogenetic testing - CYP. Senior Consultant Maja Villseth

14.45-15.45 More patient treatments and discussion. Landing treatment protocols.

Bo Biering Sørensen, Jan Rosner and Maja Villseth

Pasient 3: Pain related to scar/surgery/wound.

Pasient 4: CRPS after trauma to the ulnar nerve.

15.45-16.00: Summary and Evaluation