



European Society of Regional Anaesthesia & Pain Therapy

## Post-graduate course of modern techniques for peripheral nerve blocks

**13-14 January 2011**

**Rigshospitalet, University of Copenhagen**

### **Background**

The use of peripheral nerve blocks has increased almost exponentially during the last 15 years due to new nerve stimulation techniques and atraumatic needles. Unfortunately, the nerve stimulator cannot "see" if the needle tip is intravascular, intrapleural, or on the wrong side of a muscle fascia. However, these structures can be easily identified with ultrasound. Using modern equipment and correct scanning techniques we can identify the nerves, follow the advance of the needle, and observe the spread of injected local anaesthetics. However, in some patients, the ultrasound images are not good enough to identify all structures. Nerve stimulation and/or hydrolocation techniques can be useful adjuncts to localise the tip of the needle and should be considered as "back-up" methods.

### **Course description**

Teaching is largely based on visual input (videos of the most frequently used nerve blocks) and hands-on workshops of nerve blocks on models and manikins. The aim of the course is to give the participants advanced practical knowledge about ultrasound and electrical stimulation for most nerve blocks. The course follows the ASRA/ESRA teaching guidelines and is approved by ESRA for the European Diploma in Regional Anaesthesia. It contains 3 hours of lectures, 8 hours of workshops and a highly praised catering programme.



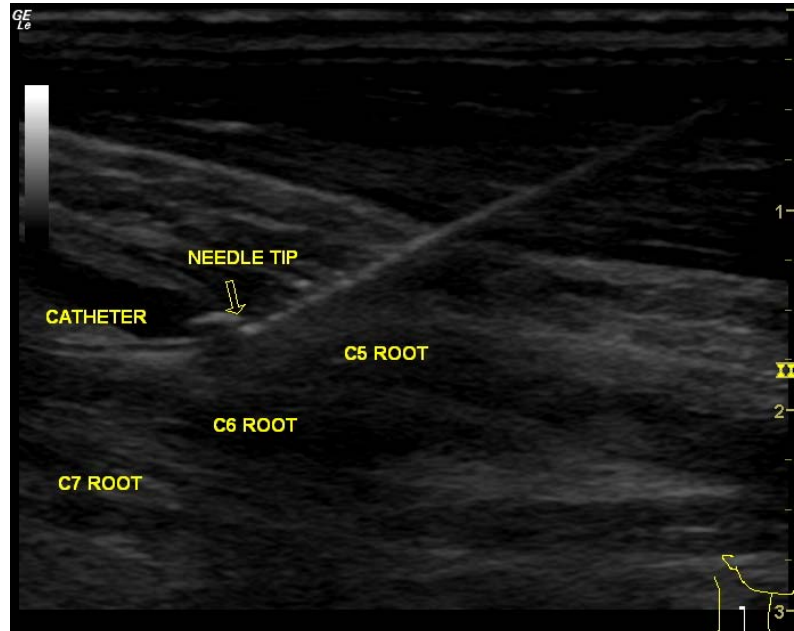
### **Programme**

#### **Day 1:**

- Advantages and disadvantages of different methods of nerve localization
- Principles of ultrasound, scanning techniques and handling of ultrasound machine
- Upper extremity blocks (Brachial plexus and its branches)
- Lower extremity blocks (Lumbar and Sacral plexuses and branches)

#### **Day 2:**

- Truncal blocks
- Pain and less common blocks
- Insertion of perineural catheters
- Training needle-guidance on animal model



### Faculty

- Zbigniew Koscielniak-Nielsen (ZKN), Ass. Professor, MD, DMSc, FRCA, Department of Anaesthesia, Rigshospitalet, Copenhagen University
- Thomas Fichtner Bendtsen (TFB), Ass. Professor, MD, PhD, Department of Anaesthesia, Skejby Hospital, Aarhus University
- Jens Børglum Neimann (JBN), Ass. Professor, MD, PhD, MBA, Department of Anaesthesia, Bispebjerg Hospital, Copenhagen University
- Henrik Rasmussen (HRA) MD, Ass. Professor, Department of Anaesthesia, Rigshospitalet, Copenhagen University
- Bo Gottschau (**BGO**), Ass. Professor, MD, Department of Anaesthesia, Gentofte Hospital, Copenhagen University

### Language

English

### Course Director

Dr. Zbigniew Koscielniak-Nielsen.

### Organiser

Department of Anaesthesia 4231, HOC, Rigshospitalet, Copenhagen University.

### Price

3500 DKK, including coffee, lunches, course material, and dinner Thursday evening.

### No. of participants

30. Six per station.

### Registration

E-Mail to secretary Gitte Blom: [gitte.blom@rh.regionh.dk](mailto:gitte.blom@rh.regionh.dk)