



European Society of Regional Anaesthesia & Pain Therapy

## Advanced course of ultrasound-guided nerve blocks

12-13 January 2012

Rigshospitalet, University of Copenhagen

### Background

The use of peripheral nerve blocks has increased almost exponentially during the last 15 years. Most of the peripheral nerves and/or surrounding anatomical structures can be easily identified with ultrasound. Using modern equipment and correct scanning techniques we can follow the advance of the needle and observe the spread of injected local anaesthetics. However, in some patients, the ultrasound images are not as clear as expected. 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-guidance 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, 9 hours of workshops and a highly praised catering programme.



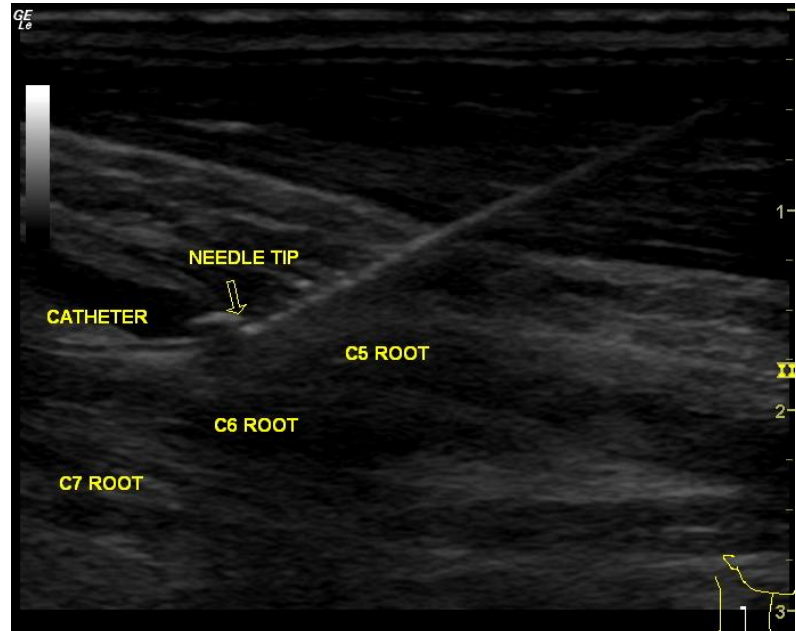
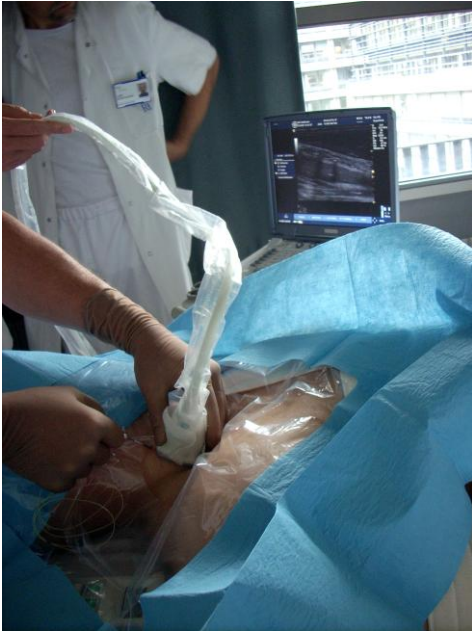
### Programme

#### Day 1:

- The controversy of intraneural injections
- Regional anaesthesia in anaesthetized patients
- Upper extremity blocks (Brachial plexus and branches)
- Lower extremity blocks (Lumbar and Sacral plexuses and branches)

#### Day 2:

- Truncal blocks (neuroaxial, paravertebral, intercostal, abdominal wall)
- Less common blocks (cervical plexus, stellate ganglion, adductor canal, nn. suprascapularis and circumflex)
- Insertion of perineural catheters
- Needle-guidance on animal model
- Image interpretation on a lumbar spine model
- Questions and answers



## Faculty

- **Zbigniew Koscielniak-Nielsen (ZKN)**, Ass. Professor, MD, DMSc, FRCA, Department of Anaesthesia, Rigshospital, Copenhagen University.
- **Thomas Fichtner Bendtsen (TFB)**, Ass. Professor, MD, PhD, Department of Anaesthesia, Aarhus Hospital, Aarhus University.
- **Jens Børglum Neimann (JBN)**, Ass. Professor, MD, PhD, MBA, Department of Anaesthesia, Bispebjerg Hospital, Copenhagen University
- **Bo Gottschau (BGO)**, Ass. Professor, MD, Department of Anaesthesia, Gentofte Hospital, Copenhagen University
- **Jesper Kent Nielsen (JKN)** Ass. Professor, MD, Department of Anaesthesia, Herlev Hospital, Copenhagen University.

## Language

English.

## Course Director

Zbigniew Koscielniak-Nielsen.

## Organiser

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

## Price

3600 DKK, including coffee, meals, 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)