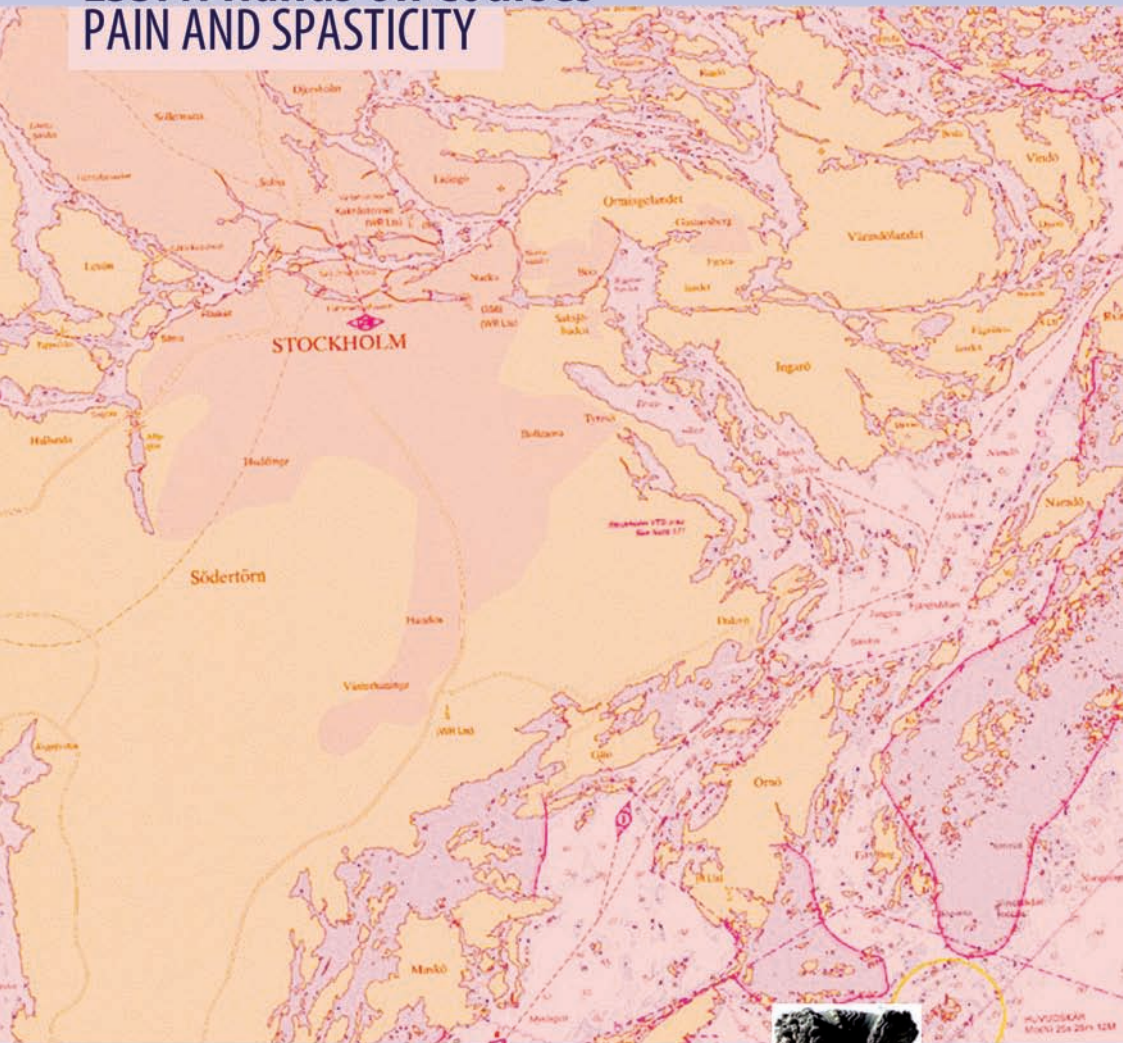


# ESSFN Hands On Courses

## PAIN AND SPASTICITY



May 23<sup>rd</sup>-25<sup>th</sup>, 2016  
Stockholm, SWEDEN



ORGANIZED BY THE EDUCATIONAL COMMITTEE OF THE ESSFN: Jean Régis (France), Jocelyne Bloch (Switzerland), Stephan Chabardes (France), Angelo Franzini (Italy), Jorge Guridi (Spain), Joachim Krauss (Germany), Massimo Sceratti (Italy), Gaston Schechtman (Sweden), Ludvik Zrinzo (UK)

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# ESSFN Hands On Courses

## PAIN AND SPASTICITY

### ESSFN COURSE ON NEUROMODULATION FOR PAIN AND SPASTICITY

**STOCKHOLM, SWEDEN - MAY 23<sup>RD</sup>-25<sup>TH</sup>, 2016**

**DAY 1**

**MONDAY 23 MAY 2016**

- 08.00 - 08.30** *OPENING OF THE REGISTRATION DESK*
- 08.30 - 09.00** **WELCOME TO THE ESSFN COURSE.** *Jean Regis and Gastón Schechtmann*
- 09.00 - 12.00** **PAIN I: FUNDAMENTALS**
- 09.00 - 09.30** **Anatomy and Physiology of Pain: pathways involved in pain**
- 09.30 - 10.00** **Pathophysiology of neuropathic pain**
- 10.00 - 10.30** *COFFEE BREAK (AND OM)*
- 10.30 - 11.10** **Chronic pain syndromes: general concepts and pain assessments**
- 11.10 - 11.40** **Neuroimaging techniques and pain and the role of placebo**
- 11.40 - 12.00** **Navigated transcranial magnetic stimulation in pain**
- 12.00 - 13.00** *LUNCH*
- 13.00 - 17.30** **PAIN II: NEUROSURGICAL APPROACHES**
- 13.00 -13.45** **Historical background of surgical treatments for pain and lesional techniques**
- 13.45 -14.15** **Peripheral Nerve Stimulation: Techniques, indications and clinical experience**
- 14.45 - 15.05** **Intrathecal drugs for neuropathic pain: old and new drugs - clinical trials - is there any indication for intraventricular drug administration?**
- 15.05 -15.30** *COFFEE BREAK*
- 15.30 -16.10** **Spinal cord stimulation: indications, techniques and clinical outcome**
- 16.10 -16.45** **Animal models in neuropathic pain and translational research: from bench to bedside**  
**Drug-enhanced SCS**
- 16.45 -17.15** **Dorsal root ganglion (DRG) stimulation**
- 17.15 - 17.30** **Discussions all together**
- 17.30** *CLOSURE OF THE DAY*

# ESSFN Hands On Courses

## PAIN AND SPASTICITY

DAY 2

TUESDAY 24 MAY 2016

**08.10 - 10.00 PAIN II: NEUROSURGICAL APPROACHES**

**08.10 - 08.30 New stimulation parameter in SCS: high frequency and Burst stimulation**

**08.30 - 09.00 DBS in neuropathic pain: targets of choice related to symptoms & clinical results**

**09.00 - 09.30 Neuromodulation in Cluster headaches and migraine**

**09.30 - 10.00 Motor cortex stimulation: technique and results - is it worth to try?**

**10.00 - 10.30 COFFEE BREAK**

**10.30 - 15.00 PAIN III: FACIAL AND VISCERAL PAIN**

**10.30 - 11.00 Emerging indications of SCS in visceral pain**

**11.00 - 11.20 Trigeminal neuralgia and neuropathy: anatomy - clinical features**

**11.20 - 12.00 Percutaneous techniques in trigeminal neuralgia**

**12.00 - 13.00 LUNCH**

**13.00 - 13.30 Microvascular decompression in facial pain: surgical technical aspects and outcome**

**13.30 - 14.00 Radiosurgery and facial pain: yes, but when?**

**14.00 - 15.00 Hands-on in Pain therapies: implantation techniques, stimulation programming strategies (supported by sponsors) and Transcranial Magnetic stimulation**

**15.00 - 15.30 COFFEE BREAK**

**15.30 - 16.30 Hands-on supported by sponsors**

**16.30 - 17.30 PAIN IV: THERAPY RATIONALE AND ETHICS IN PAIN**

**16.30 - 17.00 Evidence Based Medicine in neuromodulation therapies for pain**

**17.00 - 17.30 Ethical aspects in pain patients - Discussions**

**17.30 CLOSURE OF THE DAY**

# ESSFN Hands On Courses

## PAIN AND SPASTICITY

DAY 3

WEDNESDAY 25 MAY 2016

08.30 - 12.30	<b>SPASTICITY I</b>
08.30 - 09.10	<b>Physiopathology of spasticity and clinical assessment: the perspective of the neurologist</b>
09.10 - 09.30	<b>Conservative treatments, oral medication and intrathecal drug tests</b>
09.30 - 10.00	<b>Ablative neurosurgery for spasticity</b>
10.00 - 10.30	<i>COFFEE BREAK</i>
10.30 - 11.10	<b>Management of spasticity by intrathecal drugs: technique and troubleshooting</b>
11.10 - 11.45	<b>Hands-on in spasticity therapies: pump implantation and programming</b>
11.45 - 12.30	<b>Final Evaluation</b>
12.30	<i>LUNCH</i>

### **OBJECTIVES OF THE ESSFN COURSE ON NEUROMODULATION FOR PAIN AND SPASTICITY**

*After attending this course, participants should have an understanding of:*

- 1. Basic anatomy and physiology related to pain syndromes and spasticity**
- 2. Clinical evidence for the use of neuromodulation therapies in pain and spasticity conditions**
- 3. Current neuromodulation techniques and programming devices for neuropathic pain and spasticity**
- 4. Ethical concerns in Pain and the role of placebo**

*An evaluation is organized at the end of the course.*

*This module can be validated for the ESSFN diploma by attendees arriving before the first course, leaving after the last one and passing the examination only.*