

CANADIAN NEUROMODULATION SOCIETY  
Société Canadienne de Neuromodulation



# **Interventional Pain and Neuromodulation Procedures Workshop for Trainee Physicians**

**Sunday, February 8<sup>th</sup> to Tuesday, February 10<sup>th</sup>, 2026  
Dalhousie University, Halifax, Nova Scotia**

**Venue:** QEII Skills Centre (B04), Halifax, NS.

**Course Director:** Dr. Lutz Weise  
**Course Coordinator:** Ally Klassen



**Please contact [Ally.Klassen@nshealth.ca](mailto:Ally.Klassen@nshealth.ca) for more details about registration.  
Registration deadline and the last day for refunds is January 12<sup>th</sup>, 2026.**

# Day 1 - Sunday, February 8<sup>th</sup>, 2026



## 0830 - 0900 - Registration / Welcome Address

### 0900 - 1030 - Lecture Block 1

0900 - 0930 Cervical and lumbar facet nerve supply: Intra-articular injections, innervation blocks and RF ablation. *Philip Chan, MD*

0930 - 1000 Lumbar sympathetic plexus, superior hypogastric plexus, ganglion impar blocks. *Jill Osborn, MD*

1000 - 1030 Lumbar and sacral epidural, transforaminal & nerve root blocks. *Philip Chan, MD*

### 1030 - 1045 - Coffee Break

### 1045 - 1215 - Lecture Block 2

1045 - 1115 Ultrasound for cervical, lumbar, and sacral spine procedures. *Anuj Bhatia, MD*

1115 - 1145 Ultrasound for peripheral nerve blocks (suprascapular nerve, ilioinguinal and iliohypogastric nerves, intercostal nerves, pudendal nerve, & stellate ganglion). *Manikandan Rajarathinam, MD*

1145 - 1215 Ultrasound for major joint injections. *Abeer Alomari, MD*

### 1215 - 1300 - Lunch

### 1030 - 1215 - Lecture Block 3

1300 - 1330 Spinal Cord Stimulation for pain: conventional and new modes (HF, DTM, Layered Waveforms, Burst). *Anuj Bhatia, MD*

1330 - 1400 Dorsal root ganglion and nerve root stimulation. *Antonios El-Helou, MD*

1400 - 1430 Intrathecal therapy for cancer pain. *Ehtesham Baig, MD*

### 1430 - 1445 - Coffee Break

### 1445 - 1615 - Lecture Block 4

1445 - 1515 Tips on radiation safety and ultrasound scanning for neuromodulation and pain procedures. *Manikandan Rajarathinam, MD*

1515 - 1545 Novel indications for spinal cord stimulation (spinal cord injury, autonomic dysfunction, spasticity). *Lutz Weise, MD*

1545 - 1615 Complications of interventional pain procedures. *Ivan Cohen, MD*

### 1615 - 1630 - Evaluation and Feedback

# Day 2 - Monday, February 9<sup>th</sup>, 2026



## 0800 - 0850 - Morning Lectures

0800 - 0825 Diagnostic imaging of the spine for pain procedures and neuromodulation.  
*Anuj Bhatia, MD*

0825 - 0850 Sacral nerve stimulation (SNS) for overactive bladder, bowel incontinence and pelvic pain. *Ashley Cox, MD*

## 0850 - 0900 - Housekeeping

## 0900 - 1215 - Morning Demonstrations and Practice (Float: Anuj Bhatia, Lutz Weise)

1. Facet Joint - Lumbar & SI-Joint procedures. *Ivan Cohen*
2. Cervical Facet Joint & Nerve root procedures. *Manikandan Rajarathinam*
3. Transforaminal, Epidural & Sympathetic Plexus procedures. *Philip Chan*
4. Ultrasound Guided Joint Injections. *Abeer Alomari*

0900 - 0945 Rotation One

0945 - 1030 Rotation Two

## 1030 - 1045 Coffee Break

1045 - 1130 Rotation Three

1130 - 1215 Rotation Four

## 1215 - 1300 - Lunch

## 1300 - 1615 - Afternoon Demonstrations and Practice (Float: Anuj Bhatia)

1. Intrathecal Catheter & Pump Procedures. *Ehtesham Baig*
2. SCS - Thoracic, Percutaneous Trials and Permanent Procedures. *Lutz Weise*
3. SCS Surgical Techniques. *Antonios El-Helou*
4. Ultrasound-Guided Peripheral Nerve Blocks I: Suprascapular, Intercostal, Ilioinguinal/Iliohypogastric nerves, ESP block. *Abeer Alomari & Manikandan Rajarathinam*

1300 - 1345 Rotation One

1345 - 1430 Rotation Two

## 1430 - 1445 Coffee Break

1445 - 1530 Rotation Three

1530 - 1615 Rotation Four

## 1615 - 1630 - Evaluation and Feedback

## 1730 - Complimentary Course Dinner - all Faculty and Attendees are invited

# Day 3 - Tuesday, February 10<sup>th</sup>, 2026



## 0800 – 0840 – Morning Lecture

0800 – 0840 Technical aspects of MIS, Open Surgical Paddle and Neuromonitoring.  
*Lutz Weise, PhD*

## 0900 – 1215 – Morning Demonstrations and Practice (Float: Manikandan Rajarathinam)

1. DRG and Nerve root Stimulation Procedures. *Antonios El-Helou*
2. Sacral Nerve Stimulation Procedures. *Ashley Cox*
3. Minimally Invasive Surgical SCS. *Lutz Weise*
4. Ultrasound-Guided Spine Procedures. *Anuj Bhatia*

0900 – 0945 Rotation One

0945 – 1030 Rotation Two

## 1030 – 1045 Coffee Break

1045 – 1130 Rotation Three

1130 – 1215 Rotation Four

## 1215 – 1300 – Lunch

## 1300 – 1630 – Afternoon Demonstrations and Practice (Float: Abeer Alomari)

1. Spine Procedures (Lumbar sympathetic Plexus, Vertebroplasty). *Philip Chan & Jill Osborn*
2. SCS Cervical Procedures. *Anuj Bhatia*
3. Open Surgical SCS Procedures. *Lutz Weise*
4. Ultrasound-Guided Peripheral Nerve Blocks II: Stellate Ganglion, Greater Occipital, Sciatic & Ankle Nerves. *Manikandan Rajarathinam*

1300 – 1345 Rotation One

1345 – 1430 Rotation Two

## 1430 – 1445 Coffee Break

1445 – 1530 Rotation Three

1530 – 1615 Rotation Four

## 1615 – 1630 – Farewell, Feedback and Certificates

## FACULTY

**Abeer Alomari**, University of Toronto, Toronto

**Anuj Bhatia**, University of Toronto, Toronto

**Ehtesham Baig**, University of Toronto, Toronto

**Philip Chan**, McMaster University, Hamilton

**Ivan Cohen**, Dalhousie University, Halifax

**Ashely Cox**, Dalhousie University, Halifax

**Antonios El-Helou**, University of Sherbrooke, Sherbrooke

**Jill Osborn**, University of British Columbia, Vancouver

**Manikandan Rajarathinam** Western University, London

**Lutz Weise**, Dalhousie University, Halifax



## **Additional Details**

### **Anticipated attendees**

Fellows and residents in Pain Medicine, Neurosurgery, and other allied specialties are invited to attend. The course will be restricted to **20 participants**.

**Please contact [Ally.Klassen@nshealth.ca](mailto:Ally.Klassen@nshealth.ca) for more details and to register.**

### **Course Fee:**

**\$ 800** that includes lectures, workshops, PDFs of the presentations, and a complimentary course dinner on Monday, February 9<sup>th</sup>, 2026.

### **Venue:**

QEII Skills Centre (B04 & B44)  
Bethune Building, Victoria General Hospital,  
5820 University Ave. Halifax NS

### **List of Near-by Accommodations**

#### ***Lord Nelson Hotel (~5 min walk)***

*(902) 423-6331*

*1515 South Park Street, Halifax NS, B3J 1G9*

#### ***Garden South Park Inn (~5 min walk)***

*(902) 492-8577*

*1263 South Park Street, Halifax NS, B3J 2Y2*

#### ***Atlantica Hotel Halifax (~20 min walk)***

*(902) 423-1161*

*1980 Robie Street, Halifax NS, B3H 3G5*

#### ***Four Points by Sheraton (~15 min walk)***

*(902) 423-4444*

*1496 Hollis St, Halifax, NS B3J 3Z1*

#### ***Residence Inn by Marriott Halifax Downtown (~15 min walk)***

*(902) 422-0493*

*1599 Grafton Street, Halifax NS, B3J 2C3*

#### ***The Westin Nova Scotian (~15 min walk)***

*(902) 421-1000*

*1181 Hollis Street, Halifax NS, B3H 2P6*