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American
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The AANS/CNS Joint Section on Pain Presents:

Neuroablation and Neuromodulation for Pain: Expanding the Neurosurgeon's Toolbox

May 19 & 20, 2017 NCase Training Lab at Northwestern University

Thursday, May 18, 2017

Time	Location	
3:30-5:30P	Hyatt Regency Magnificent Mile – Struderville Meeting room	Early check in

**Friday, May 19, 2017
Neuroablation**

Time	Location - Hyatt Chicago Magnificent Mile	Topic	Faculty
7:00AM	Struderville Mtg Room	Continental Breakfast and early check in	
8:00-8:35A	Struderville Mtg Room	Types of Pain and Common Pain Syndromes (highlighting the physiology and anatomy of pain pathways)	Sharona Ben-Haim, MD
8:40-9:15A	Struderville Mtg Room	Cancer pain overview and Percutaneous spinal cord and brainstem procedures for pain (Cordotomy, Myelotomy, Trigeminal Nucleottractotomy, etc)	Ashwin Viswanathan, MD
9:20-9:55A	Struderville Mtg Room	Open spinal cord procedures for pain (Open Myelotomy, Dorsal Rhizotomy, DREZ, Nucleus Caudalis)	Parag Patil, MD
9:55-10:15A	Struderville Mtg Room	Break	
10:15-10:55A	Struderville Mtg Room	Cranial Neuroablation for Pain (Thalamotomy, cingulotomy, hypophysectomy, centrolateral thalamotomy etc)	Sameer Sheth, MD
10:55-11:30AM	Struderville Mtg Room	Treatment of Trigeminal Neuralgia (Gasserian compression, lesioning and rhizotomy, radiosurgery)	Jennifer Sweet, MD
11:30AM		Collect boxed lunches and walk to NCase Training Center	



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Time	Location – Ncase Training	Topic	Faculty
12:00-1:00P	NCASE Training Center – Dry lab	Luncheon Presentation - Basic principles for RF ablation, needle selection, lesion size and shape (egg whites vs raw chicken breast)	Ahmed Raslan, MD
1:00-4:00P		Cadaver Workshops	
	Station 1 – CT scanner	Percutaneous ablative spinal procedures-cadaveric specimen (torso with cephalus)	
	Station 2 – Wet Lab	Open spinal cord procedures (open cadaver cervical and thoracic spine, microscope)	
	Station 3 – Wet Lab	Ablative techniques for Trigeminal Neuralgia (cephalus only)	
4:30P		Adjourn for the day	
6:00P		Evening event at Annex at Northwestern or Hyatt Regency	



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Saturday, May 20, 2017
Neuromodulation

Time	Location – Ncase	Topic	Faculty
7:30AM	Lecture Hall	Continental Breakfast and early check in	
8:00-8:35A	Lecture Hall	Indications (Failed Back Syndrome, CRPS, etc)	Jason Schwalb, MD
8:35-9:05A	Lecture Hall	Spinal Cord Stimulation: New Treatment Paradigms (High Frequency and Burst Stimulation, DRG)	Steven Falowski, MD
9:10-9:40A	Lecture Hall	Deep Brain Stimulation for Pain: Targets and Efficacy/ Motor Cortex Stimulation	Andre Machado, MD
9:40-9:50A	Lecture Hall	Break	
9:50-10:20A	Lecture Hall	Spinal Cord Stimulation: Pearls and Pitfalls - Include different methodologies for lead placement	Joshua Rosenow, MD
10:25-10:55AM	Lecture Hall	Targeted Drug Delivery (basics including ITB as well as cervical catheters, foramen magnum catheters, intraventricular catheters)	Jennifer Sweet, MD
10:55-11:30AM	Lecture Hall	Peripheral Nerve Stimulation (ONS, facial, subcutaneous, eponymic – ulnar, ilioinguinal, sciatic, retrograde C1-2, etc)	Konstantin Slavin, MD
12:00-1:00P	Luncheon Session – Lecture Hall	Luncheon Session - Reimbursement Economics, billing for procedures, financial aspects of starting a practice, network development	Julie Pilitsis, MD
1:30-4:30P		Cadaver Workshops	
	Station 1 – Wet Lab	Spinal Cord Stimulation and Percutaneous Lead Placement – Closed Torso	
	Station 2 – Wet Lab	Spinal Cord Stimulation – Laminectomy for Paddle Placement – open Cadaver Torso	
	Station 3 – Wet Lab	Occipital Nerve Stimulation – Stimulator placement – Cadaver neck with Cephalus	
	Station 4 – Dry Lab	Sciatic paddles, ulnar nerve paddles (need ultrasound machine vs open)	
4:30P		Adjourn for the day	



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Other items

Figure out model for percutaneous cordotomy (cadaver neck vs simulator)

Get access to a Foramen Ovale Simulator (Brainlab)

Create thumb drive with resources for starting a practice