

**INTERVENTIONAL PAIN MANAGEMENT TECHNIQUES USING FLUOROSCOPIC
GUIDANCE AND ULTRASOUND**

NOVEMBER 6-7, 2010

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO

Dental School

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DAY 1 LECTURES

TIME	TOPIC	SPEAKER	ID#
7:00 – 7:20	Registration and Breakfast		
7:20 – 7:30	Program Overview and Faculty Introductions	Maxim Eckmann, M.D.	1
7:30 – 8:10	Basic Fluoroscopic Concepts and Anatomy	Maunak Rana, M.D.	2
8:10 – 8:15	Q&A / Break		
8:15 – 8:40	Head and Neck Blocks	Samer Narouze, M.D.	3
8:40 – 8:45	Q&A / Break		
8:45 – 9:10	Sympathetic Blocks	Kenneth Candido, M.D.	4
9:10 – 9:15	Q&A / Break		
9:15 – 9:40	Radiofrequency Ablation for Spine Pain	Maxim Eckmann, M.D.	5
9:40 – 9:45	Q&A / Break		
9:45 – 10:10	Overview of Disc Stimulation and Percutaneous Intradiscal Therapies	Kenneth Candido, M.D.	6
10:10 – 10:15	Q&A / Break		
10:15 – 10:40	Spinal Cord Stimulation for Pain Management	Jeff Barr, M.D.	7
10:40 – 10:45	Q&A / Break		
10:45 – 11:10	Ultrasound Guided Injections	Samer Narouze, M.D.	8
11:10 – 11:45	Q&A / Lunch (2 nd Floor)		

DAY 1 WORKSHOPS

	WORKSTATION 1	WORKSTATION 2	WORKSTATION 3	WORKSTATION 4	WORKSTATION 5
11:45–12:30	Sympathetic Blocks: Celiac Plexus Lumbar Hypogastric Impar Dr. Ramamurthy	Lumbar/Caudal Epidural Blocks: Interlaminar Catheter Transforaminal Dr. Alvarado	Lumbar Medial Branch Radiofrequency Lesioning and Blocks Dr. Eckmann	Cervical/Thoracic Medial Branch Radiofrequency Lesioning and Blocks Dr. Rana	
12:30 – 12:45	Q&A, Free Exploration				
12:45 – 1:30	Sympathetic Blocks: Celiac Plexus Lumbar Hypogastric Impar Dr. Candido	Lumbar/Caudal Epidural Blocks: Interlaminar Catheter Transforaminal Dr. Eckmann	Lumbar Medial Branch Radiofrequency Lesioning and Blocks Dr. Barr	Cervical/Thoracic Medial Branch Radiofrequency Lesioning and Blocks Dr. Edell	Ultrasound Guided Blocks: Stellate Ganglion Brachial Plexus Intercostal Dr. Narouze
1:30 – 1:45	Q&A, Free Exploration				
1:45 – 2:30	Sympathetic Blocks: Celiac Plexus Lumbar Hypogastric Dr. Ramamurthy	Lumbar/Caudal Epidural Blocks: Interlaminar Catheter Transforaminal Dr. Alvarado	Lumbar Medial Branch Radiofrequency Lesioning and Blocks Dr. Eckmann	Cervical/Thoracic Medial Branch Radiofrequency Lesioning and Blocks Dr. Rana	Ultrasound Guided Blocks: Stellate Ganglion Brachial Plexus Intercostal Dr. Narouze
2:30 – 2:45	Q&A, Free Exploration				
2:45 – 3:30	Intradiscal Techniques: Disc Stimulation Disc Decompression IDET Dr. Rana	Spinal Cord Stimulation Trial: Thoraco-Lumbar Dr. Alvarado	Peripheral Field Stimulation Trial: (Thoraco-Lumbar) (Occipital) Dr. Barr	Cervical Epidural: Transforaminal Dr. Candido (SUPINE)	Ultrasound Guided Blocks: Stellate Ganglion Brachial Plexus Intercostal Dr. Narouze
3:30 – 3:45	Q&A, Free Exploration				
3:45 – 4:30	Intradiscal Techniques: Disc Stimulation Disc Decompression IDET Dr. Candido	Spinal Cord Stimulation Implant: Thoraco-Lumbar Dr. Alvarado	Head and Neck Blocks: Mandibular Maxillary Gasserian Ganglion Stellate Ganglion Dr. Ramamurthy/ Eckmann	Peripheral Field Stimulation Trial: (Thoraco-Lumbar) (Occipital) Dr. Barr	Ultrasound Guided Blocks: Stellate Ganglion Brachial Plexus Intercostal Dr. Narouze
4:30 – 4:45	Q&A, Free Exploration				
4:45 – 5:30	Intradiscal Techniques: Disc Stimulation Disc Decompression IDET Dr. Rana	Spinal Cord Stimulation Trial: Cervical Dr. Edell	Head and Neck Blocks: Mandibular Maxillary Gasserian Ganglion Stellate Ganglion Dr. Ramamurthy/ Eckmann	Cervical Epidural: Transforaminal Dr. Candido	Ultrasound Guided Blocks: Stellate Ganglion Brachial Plexus Intercostal Dr. Narouze
5:30–5:45	Q&A, Adjourn				

DAY 2 LECTURES

7:00 - 7:30	Breakfast		ID#
7:30 - 8:00	Intrathecal Therapy For Spasticity	Gerhard Friehs, M.D.	9
8:00 - 8:30	Intrathecal Therapy For Pain	Thomas Edell, M.D.	10
8:30 - 9:00	Vertebral Augmentation	Maunak Rana, M.D.	11
9:00 - 9:15	Q&A / Break		

DAY 2 WORKSHOPS

	WORKSTATION 1	WORKSTATION 2	WORKSTATION 3	WORKSTATION 4	WORKSTATION 5
9:15 – 9:45	Intrathecal Pump Implantation: Catheter Dr. Friehs	Spinal Cord Stim Trial: Cervical Dr. Edell	Vertebral Augmentation Dr. Rana	Cooled RF: Lumbar Disc Biacuplasty Dr. Barr	Ultrasound Guided Blocks: Lumbar Facet, Lumbar Paravertebral, Sacroiliac Joint Dr. Narouze
9:45 – 10:15	Intrathecal Pump Implantation: Pocket Dr. Friehs	Spinal Cord Stim Implant: Cervical Dr. Edell		Cooled RF: Sacroiliac Joint Neurotomy Dr. Barr	
10:15 – 10:30	Q&A, FREE EXPLORATION				
10:30 – 11:00	Vertebral Augmentation Dr. Rana	Intrathecal Pump Implantation: Catheter Dr. Friehs	Spinal Cord Stim Trial: Cervical Dr. Barr	Cooled RF: Lumbar Disc Biacuplasty Dr. Edell	Ultrasound Guided Blocks: Lumbar Facet, Lumbar Paravertebral, Sacroiliac Joint Dr. Narouze
11:00 – 11:30		Intrathecal Pump Implantation: Pocket Dr. Friehs	Spinal Cord Stim Implant: Cervical Dr. Barr	Cooled RF: Sacroiliac Joint Neurotomy Dr. Edell	
11:30 – 12:00	QUICK BREAK/LUNCH				
12:00 – 12:30	Spinal Cord Stim Trial: Cervical Dr. Edell	Vertebral Augmentation Dr. Rana	Intrathecal Pump Implantation: Catheter Dr. Friehs	Cooled RF: Lumbar Disc Biacuplasty Dr. Barr	Ultrasound Guided Blocks: Lumbar Facet, Lumbar Paravertebral, Sacroiliac Joint Dr. Narouze
12:30 – 1:00	Spinal Cord Stim Implant: Cervical Dr. Edell		Intrathecal Pump Implantation: Pocket Dr. Friehs	Cooled RF: Sacroiliac Joint Neurotomy Dr. Barr	
1:00 – 1:15	Q&A, FREE EXPLORATION				
1:15 – 1:45	<i>Free Exploration</i> Dr. Edell	<i>Free Exploration</i> Dr. Rana	<i>Free Exploration</i> Dr. Friehs	<i>Free Exploration</i> Dr. Eckmann	