9th Annual Mayo Clinic Spine Center: Medical and Surgical Spine Course

January 16-17, 2015

January 15, 2015 – Optional Pre-Course Workshops

Program Schedule

Thursday, January 15, 2015	
Optional Pre-Course Hands-On Lab **Pre-Registration Required (Limited Enrollment)**	
Session 1: 7:00 AM – 12:00 PM Session 2: 2:00 PM – 7:00 PM Location: Center for Procedural Innovation	Hands-On Live Animal Lab: Techniques and Principles of Dural Repair Workshop Directors: Paul M. Huddleston, M.D. and W. Richard Marsh, M.D.

Optional Pre-Course Workshops Pre-Registration Required (Limited Enrollment)	
8:00 AM – 12:00 PM Location: Education Center	Hands-on Musculoskeletal Ultrasound Workshop • Hip/Buttock • Knee • Shoulder • Myofascial/Trigger Points • Nerve Blocks Workshop Directors: John A. Freeman, D.O. and Stephen J. Wisniewski, M.D.
Optional Pre-Course Workshops Pre-Registration Required (Limited Enrollment)	
1:00 PM – 5:00 PM Location: Education Center	Hands-On Physical Exam Skills for the Primary Care and Midlevel Provider • Cervical Spine • Lumbar Spine • Hip, Knee, and SIJ • Shoulder • Physical Therapy Exercise Program • Yoga PT Demonstration Workshop Directors: Ralph E. Gay, M.D. and Randy A. Shelerud, M.D.

Friday, January 16, 2015	
7:00 AM	Registration and Continental Breakfast Education Center Foyer
Spine Pain Pharmacology Horizon	
8:00 AM	Opioid Prescribing: How to Stay Out of Trouble and Opioid Prescribing Basics, New Changes and New Drug Options
8:20 AM	Medical Marijuana: What You Need to Know
9:00 AM	Neuropathic Pain Drugs: Old and New
9:20 AM	MILD
9:40 AM	Panel Discussion and Q & A Session
10:00 AM	Break Exhibits
Hot Topics in Spine Care	
10:15 AM	Legal Pitfalls in Spine Care
10:45 AM	History and Trends in TL Fracture Treatment and Management
11:05 AM	Do the US News and World Report Hospital Quality Ratings Matter?
11:20 AM	Osteoporosis Issues on the Horizon
11:35 AM	Chronic Low Back Pain: Can Spinal Cord Stimulator Technology Treat This?
11:50 AM	Panel Discussion and Q & A Session
12:00 PM	Cases Lunch with Faculty Exhibits

Friday, January 16, 2015 - Continued			
Surgical Versus Medical Spine Tracks – Choose One Track to Follow			
Surgical Spine Track: Tumor		**Medical Spine Track: Current Trends in Assessment and Treatment**	
12:45 PM	Case Presentation and Introduction	12:45 PM	Overview of Spine Assessment
1:10 PM	Epidemiology of Spinal Primary and Metastatic Disease	1:10 PM	The Conundrum of Patients with Back and Hip Pain
1:30 PM	Diagnosis, Management and Outcome of Intradural Spinal Malignancy	1:30 PM	What to Think About in Assessing Patients with Arm Pain
1:50 PM	External Radiation or Proton Beam Therapy for Treatment of Spinal Oncologic Disease	1:50 PM	Assessment and Treatment of Myofascial Pain: Physical Therapy Perspective
2:15 PM	Indications and Outcomes for Medical Oncologic Treatment of Spinal Malignancies	2:10 PM	Panel Discussion with Q & A
2:35 PM	Complex Spinal-Pelvic Reconstruction After Sacral Resection	2:30 PM	BREAK
2:55 PM	Panel Discussion with Q & A	2:45 PM	Fibromyalgia: New Diagnostic Criteria

Friday, January 16, 2015 - Continued			
3:05 PM	BREAK	3:05 PM	Mayo Clinic Fibromyalgia Treatment Program
Surgical Spine Track: Trauma		3:20 PM	Overview of Treatment Options for Low Back Pain
3:20 PM	Surgical Spine: Trauma Case Presentations and Intro	4:00 PM	Panel Discussion with Q & A
3:40 PM	Operative vs. Non-operative Treatment of TL Trauma	4:15 PM	Overview of Therapy Options for Low Back Pain
4:00 PM	Strategies with Cervical Trauma	4:40 PM	What Can a Pain Medicine Specialist Offer Your LBP Patient?
4:20 PM	Controversies in the Use of Steroids with Spinal Cord Trauma	5:00 PM	Panel Discussion with Q & A
4:40 PM	Post Traumatic Deformity in Cervical Spine		
5:00 PM	Panel Discussion with Q & A	5:15 PM	Adjourn
5:15 PM	Adjourn		

Saturday, January 17, 2015	
7:00 AM	Registration and Continental Breakfast Education Center Foyer
The Future of Spine Care: What Will It Look Like?	
8:00 AM	Current State and Future State of Spine Care
8:40 AM	Prevention of Wrong Site Spine Surgery
9:00 AM	Regenerative Medicine and the Disc
9:20 AM	Education for the Low Back Pain Patient
9:40 AM	Break Exhibits
10:00 AM	The Advanced Practitioner Perspective: Spine Care of the Future
10:30 AM	Physical Therapy in the ER: Mayo Experience
10:50 AM	Setting up the Spinal Cord Injury Care Team
11:05 AM	Private Practice Spine Care Team Model Implementation
11:20 AM	How Work Disabled Patients are Different and Why Should it Matter to You
11:35 AM	Panel Discussion and Q & A Session
12:00 PM	Cases Lunch with Faculty Exhibits

Saturday, January 17, 2015 - Continued			
Surgical Versus Medical Spine Tracks – Choose One Track to Follow			
Surgical Spine Track: Degenerative Spine		**Medical Spine Track: Current Trends in Assessment and Treatment**	
		Therapy and Other Treatment Tools	
12:45 PM	Case presentations and Intro	12:45 PM	Physical Therapy Exercise for Low Back Pain
1:10 PM	Degenerative Spondylolisthesis	1:10 PM	Physical Therapy Exercise for Neck Pain
1:30 PM	ACDF vs. TDR	1:30 PM	The Forgotten Role of History and Physical
1:50 PM	Degenerative Scoliosis	1:50 PM	Alternative Exercise to a Back Therapy Program
2:10 PM	Laminectomy Versus Laminoplasty	2:10 PM	Panel Discussion with Q & A
2:30 PM	Surgical Specific Issues with Osteoporosis	2:30 PM	BREAK
2:50 PM	Panel Discussion with Q & A	2:45 PM	Acupuncture for Chronic Pain
3:05 PM	BREAK	3:05 PM	Lumbar Facet Injections or Medial Branch Blocks - Same Thing for Same Problem?

Saturday, January 17, 2015 - Continued			
Surgical Spine Track: Infection Moderator:		3:25 PM	Manipulation for Back Pain
3:20 PM	Case presentations and Intro	3:45 PM	Panel Discussion with Q & A
3:40 PM	Value of Biopsy in Treatment of Spondylodiscitis	**Surgery Challenges in the Primary Care Providers Office**	
4:00 PM	Antibiotic Treatment of Spondylodiscitis	4:00 PM	Surgery Summary for Primary Care Docs – What You Need To Know
4:20 PM	Infection Versus Tumor: The Value of Frozen-section for Urgent Surgical Diagnosis	4:20 PM	Cervical Myelopathy
4:40 PM	Implant Associated Spine Infections	4:40 PM	Presentation Title: TBD.
5:00 PM	Panel Discussion with Q & A	5:00 PM	Panel Discussion with Q & A
5:15 PM	Adjourn	5:15 PM	Adjourn