

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-14 Attendees)	
7:30 AM – 1:30 PM Location: Center for Procedural Innovation	Hands-On Live Surgical Skills Lab - Techniques and Principles of Dural Repair Lab Course Directors: <i>Paul M. Huddleston, M.D.</i> <i>Jamie J. Van Gompel, M.D.</i> Lab Faculty: <i>Barry D. Birch, M.D.</i> <i>Bradford L. Currier, M.D.</i> <i>Jeremy L. Fogelson, M.D.</i> <i>Feizhou Lu, M.D., Ph.D.</i> <i>Xiaosheng Ma, M.D., Ph.D.</i> <i>W. Richard Marsh, M.D.</i> <i>Stephen Pirris, M.D.</i> <i>Peter S. Rose, M.D.</i> <i>Michael J. Yaszemski, M.D., Ph.D.</i>

Optional Pre-Course Workshops Pre-Registration Required (Limited Enrollment – 25 Attendees)	
<p>8:00 AM – 12:00 PM</p> <p>Location: Education Center</p>	<p>Hands-on Musculoskeletal Ultrasound Workshop</p> <ul style="list-style-type: none"> • Hip/Buttock – <i>Jeffrey S. Brault, D.O.</i> • Knee – <i>Mark Friedrich B. Hurdle, M.D.</i> • Shoulder – <i>Bryan K. Ganter, M.D.</i> • Myofascial/Trigger Points – <i>John A. Freeman, D.O.</i> • Nerve Blocks – <i>Matthew J. Pingree, M.D.</i> <p>Workshop Directors: <i>John A. Freeman, D.O. and Stephen J. Wisniewski, M.D.</i></p>
Optional Pre-Course Workshops Pre-Registration Required (Limited Enrollment – 48 Attendees)	
<p>1:00 PM – 5:00 PM</p> <p>Location: Education Center</p>	<p>Hands-On Physical Exam Skills for the Primary Care and Midlevel Provider</p> <ul style="list-style-type: none"> • Cervical Spine – <i>Keith A. Bengtson, M.D. and Randy A. Shelerud, M.D.</i> • Lumbar Spine – <i>Stephen F. Noll, M.D. & Kirsten S. Paynter, M.D.</i> • Hip, Knee, and SIJ – <i>Jeffrey M. Thompson, M.D., Peter T. Dorsher, M.D.</i> • Shoulder – <i>Russell Gelfman, M.D. and Karen L. Newcomer, M.D.</i> • Physical Therapy Exercise Program – <i>Sudeep Jain, P.T., D.P.T., Sandra Flatten, P.T., D.P.T, Cert. MDT, Lauren M. Bounds, P.T., D.P.T., O.C.S., Louise M. Ciarleglio, P.T.</i> • Yoga PT Demonstration – <i>Pauline H. Lucas, P.T., D.P.T., W.C.S.</i> <p>Workshop Directors: <i>Ralph E. Gay, M.D.</i> <i>Karen L. Newcomer, M.D.</i> <i>Randy A. Shelerud, M.D.</i></p>

Friday, January 16, 2015	
7:00 AM	Registration and Continental Breakfast Mayo Clinic Education Center
7:15 AM	Open Case Discussions Cases – Non-Surgical (Education Center) *Attendees bring your interesting cases to discuss. Moderators: <i>Brian G. Case, R.N., C.N.S.</i> and <i>Michael P. Halasy, P.A.-C.</i>
Spine Pain Pharmacology Horizon Moderator: <i>Randy A. Shelerud, M.D.</i>	
8:00 AM	Fracture Liaison Service (FLS) Model of Secondary Fracture Prevention <i>Michael D. Whitaker, M.D.</i>
8:20 AM	How to Prescribe Opioids and Stay out of Trouble <i>Halena M. Gazelka, M.D.</i>
8:40 AM	Blurred Boundaries: The Therapeutics and Politics of Medical Marijuana <i>J. Michael Bostwick, M.D.</i>
9:20 AM	Neuropathic Pain Drugs: Old and New <i>Keith A. Bengtson, M.D.</i>
9:40 AM	Panel Discussion and Q & A Session
9:55 AM	Break and Exhibits Mayo Clinic Education Center
Hot Topics in Spine Care Moderator: <i>Guest Speaker - Hamilton Hall, M.D., F.R.C.S.C.</i>	
10:15 AM	Legal Pitfalls in Spine Care – Disclosing Adverse Outcomes: How to Break Bad News <i>J Robert Sonne, J.D.</i>
10:35 AM	Innovative Sacroiliac Arthrodesis and Fixation Techniques <i>David Polly, M.D.</i>
11:00 AM	Do the US News and World Report Hospital Quality Ratings Matter? <i>Jeanne M. Huddleston, M.D.</i>
11:15 AM	PILD: Percutaneous Image-Guided Lumbar Decompression for Lumbar Spinal Stenosis – Vertos Medical mild® Procedure <i>James J. Chien, M.D.</i>
11:35 AM	SCS for Axial Low Back Pain – Does it Work? <i>John A. Freeman, D.O.</i>

11:50 AM	Panel Discussion and Q & A Session
12:00 PM	Lunch with Faculty and Exhibits Mayo Clinic Education Center

Friday, January 16, 2015 – Continued			
Surgical Versus Medical Spine Tracks – Choose One Track to Follow			
Surgical Spine Track: Tumor Moderator: <i>Jeremy L. Fogelson, M.D.</i>		Medical Spine Track: Current Trends in Assessment and Treatment Moderator: <i>John A. Freeman, D.O.</i>	
12:45 PM	Case Presentation and Introduction <i>Jeremy L. Fogelson, M.D.</i>	12:45 PM	Current State and Future Indications for Vertebroplasty and Kyphoplasty <i>John (Jack) Lane, M.D.</i>
12:55 PM	Primary and Metastatic Spine Tumors – Epidemiology, Management <i>Peter S. Rose, M.D.</i>	1:10 PM	The Conundrum of Patients with Back and Hip Pain <i>Jeffrey S. Brault, D.O.</i>
1:10 PM	Diagnosis, Management and Outcome of Intradural Spinal Malignancy <i>Stephen Pirris, M.D.</i>	1:30 PM	What to Think About in Assessing Patients with Arm Pain <i>Keith A. Bengtson, M.D.</i>
1:30 PM	Radiation Therapy for Spinal Oncologic Disease <i>Sameer R. Keole, M.D.</i>	1:50 PM	Vertebral Osteomyelitis – IDSA Workgroup Recommendations <i>Elie F. Berbari, M.D.</i>
1:55 PM	Medical Oncologic Treatment of Spinal Malignancies and Outcomes <i>Kelly K. Curtis, M.D.</i>	2:20 PM	Panel Discussion with Q & A
2:20 PM	Complex Spinal-Pelvic Reconstruction After Sacral Resection <i>Michael J. Yaszemski, M.D., Ph.D.</i>	2:35 PM	BREAK

2:40 PM	Panel Discussion with Q & A	2:55 PM	Fibromyalgia: New Diagnostic Criteria <i>Jeffrey M. Thompson, M.D.</i>
3:00 PM	BREAK	3:05 PM	Fibromyalgia: The Mayo Clinic Rochester Fibro (&CF) Clinic <i>Jeffrey M. Thompson, M.D.</i>
Surgical Spine Track: Trauma Moderator: <i>Stephen Pirris, M.D.</i>		3:15 PM	Assessment and Treatment of Myofascial Pain: Physical Therapy Perspective <i>Louise M. Ciarleglio, P.T.</i>
3:20 PM	Case Presentations and Introduction <i>Stephen Pirris, M.D.</i>	3:30 PM	Panel Discussion with Q & A
3:45 PM	Subaxial Cervical Trauma: Surgical Indications and Approach Selection <i>Feizhou Lu, M.D., Ph.D.</i>	3:45 PM	Conservative Back Pain Treatment. "Where's the Beef" (...or Evidence) <i>Stephen F. Noll, M.D.</i>
4:10 PM	Controversies in the Use of Steroids with Spinal Cord Trauma <i>Mark W. Christopherson, M.D.</i>	4:20 PM	Overview of Therapy Options for Low Back Pain <i>Sudeep Jain, P.T., D.P.T.</i>
4:35 PM	Treatment of Cervical Spine Deformities: Pearls and Pitfalls <i>Bradford L. Currier, M.D.</i>	4:35 PM	What Can a Pain Medicine Specialist Offer Your LBP Patient? <i>Tim J. Lamer, M.D.</i>
5:00 PM	Panel Discussion with Q & A	5:00 PM	Panel Discussion with Q & A
5:15 PM	Adjourn	5:15 PM	Adjourn

Saturday, January 17, 2015	
7:00 AM	Continental Breakfast Mayo Clinic Education Center
7:15 AM	Open Case Discussions Cases – Non-Surgical (Education Center) *Attendees bring your interesting cases to discuss. Moderators: <i>Brian G. Case, R.N., C.N.S.</i> and <i>Michael P. Halasy, P.A.-C.</i>
The Future of Spine Care: What Will It Look Like? Moderator: <i>Paul M. Huddleston, M.D.</i>	
8:00 AM	Current State and Future State of Spine Care Guest Speaker: <i>Hamilton Hall, M.D., F.R.C.S.C.</i>
8:40 AM	Prevention of Wrong Site Spine Surgery <i>Bradford L. Currier, M.D.</i>
9:00 AM	Stem Cell Transplantation for Intervertebral Disc Generation <i>Wenchun Qu, M.D., Ph.D.</i>
9:20 AM	Education for the Low Back Pain Patient - Back Basics 101 <i>Stephen F. Noll, M.D.</i>
9:40 AM	Panel Discussion and Q & A Session
9:55 AM	Break and Exhibits Mayo Clinic Education Center
The Future of Spine Care: What Will It Look Like? (Continued) Moderator: <i>Bryan K. Ganter, M.D.</i>	
10:15 AM	The Advanced Practitioner Perspective: Spine Care of the Future <i>Brian G. Case, R.N., C.N.S. & Michael P. Halasy, P.A.-C.</i>
10:35 AM	Physical Therapy in the ER: Mayo Experience <i>Sara F. Goetzing, P.T., D.P.T.</i>
10:55 AM	Setting up the Spinal Cord Injury Care Team <i>Mark W. Christopherson, M.D.</i>
11:15 AM	Implementation of a Low Back Pain Guideline <i>Kevin G. Hardesty, D.C.</i>
11:30 AM	Work-Disabled Patients are Different: Is Activity Coaching the Wave of the Future? <i>Russell Gelfman, M.D.</i>
11:45 AM	Panel Discussion and Q & A Session
12:00 PM	Lunch with Faculty and Exhibits Mayo Clinic Education Center

Saturday, January 17, 2015 – Continued			
Surgical Versus Medical Spine Tracks – Choose One Track to Follow			
Surgical Spine Track: Degenerative Spine Moderator: <i>W. Richard Marsh, M.D.</i>		Medical Spine Track: Current Trends in Assessment and Treatment Moderator: <i>Ralph Gay, M.D.</i>	
		Therapy and Other Treatment Tools	
12:45 PM	Case presentations and Introduction <i>W. Richard Marsh, M.D.</i>	12:45 PM	Physical Therapy Exercise for Low Back Pain <i>Sandra S. Flatten, P.T.</i>
1:00 PM	Degenerative Spondylolisthesis <i>Barry D. Birch, M.D.</i>	1:10 PM	Physical Therapy Exercise for Neck Pain <i>Lauren M. Bounds, P.T., D.P.T., O.C.S.</i>
1:20 PM	ACDF vs. TDR <i>Ahmad Nassr, M.D.</i>	1:30 PM	The Forgotten Role of History and Physical Guest Speaker: <i>Hamilton Hall, M.D., F.R.C.S.C.</i>
1:40 PM	Degenerative Scoliosis <i>Jeremy L. Fogelson, M.D.</i>	1:50 PM	Alternative Exercise to a Back Therapy Program <i>Pauline H. Lucas, P.T., D.P.T., W.C.S.</i>
2:00 PM	Laminectomy Versus Laminoplasty <i>Feizhou Lu, M.D., Ph.D.</i>	2:10 PM	Panel Discussion with Q & A
2:25 PM	Surgical Specific Issues with Osteoporosis <i>Michael J. Yaszemski, M.D., Ph.D.</i>	2:25 PM	BREAK
2:50 PM	Panel Discussion with Q & A	2:45 PM	Acupuncture for Chronic Pain <i>Tony Y. Chon, M.D.</i>
3:00 PM	BREAK	3:05 PM	Lumbar Facet Injections or Medial Branch Blocks – Same Thing for Same Problem? <i>Christopher Wie, M.D.</i>

Surgical Spine Track: Infection Moderator: Michael J. Yaszemski, M.D., Ph.D.		3:25 PM	Spinal Manipulation for Back Pain <i>Kevin G. Hardesty</i>
3:20 PM	Case Presentations and Introduction <i>Michael J. Yaszemski, M.D., Ph.D.</i>	3:45 PM	Panel Discussion with Q & A
3:30 PM	Antibiotic Treatment of Spondylodiscitis <i>Elie F. Berbari, M.D.</i>	Surgery Challenges in the Primary Care Providers Office Moderator: <i>Joseph W. Furst, M.D.</i>	
4:00 PM	Implant Associated Spine Infections <i>Paul M. Huddleston, M.D.</i>	4:00 PM	Surgery Summary for Primary Care Docs – What You Need To Know <i>Barry D. Birch, M.D.</i>
4:20 PM	Expert Panel Discussion Questions submitted throughout this track will be answered by expert faculty during this time.	4:20 PM	Cervical Myelopathy <i>Jeremy L. Fogelson, M.D.</i>
		4:40 PM	Expert Panel Discussion <ul style="list-style-type: none"> • Questions submitted throughout this track will be answered by expert faculty during this time.
5:15 PM	Adjourn	5:15 PM	Adjourn