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11th Mayo Clinic Medical and Surgical Spine Course: Comprehensive Cervical Spine Update

January 13-14, 2017 – General Session
January 12, 2017 – Optional Workshops

Thursday, January 12, 2017		
Optional Pre-Course Sessions Additional Fees Apply		
Pre-Course Session 1: Hands-On Physical Exam Workshop for the Primary Care and Midlevel Provider Location: Education Center / Phoenix Campus		
7:30 AM	Registration & Breakfast	
8:00 AM	Stations:	Moderator: Karen Newcomer, M.D.
	• Cervical Spine	Randy A. Shelerud, M.D.
	• Lumbar Spine	Toni J. Hanson, M.D. / Matthew A. Butters, M.D.
	• Hip, Knee, and SIJ	Jeffrey M. Thompson, M.D./ Ralph E. Gay, M.D.
	• Shoulder	Russell Gelfman , M.D./ Wenchun Qu, M.D., M.S., Ph.D.
	• Physical Therapy Exercise Program	Sudeep Jain, P.T., D.P.T., Sandra S. Flatten, P.T., D.P.T., Cert. M.D.T.
• Yoga PT Demonstration	Pauline H. Lucas, P.T., D.P.T., W.C.S.	
12:00 PM	Adjourn	

Optional Pre-Course Sessions - Continued

Additional Fees Apply

Pre-Course Session 2:

Hands-On Musculoskeletal Ultrasound Workshop

Location: Education Center / Phoenix Campus

12:30 PM	Registration	
1:00 PM	Stations:	Moderators: John A. Freeman, D.O. Mark Friedrich B. Hurdle, M.D.
	• Hip/Buttock	Mark Friedrich B. Hurdle, M.D.
	• Knee	Michael Derr, D.O.
	• Shoulder	John Sollenberger, M.D.
	• Myofascial/Trigger Points	John A. Freeman, D.O.
	• Nerve Blocks	Matthew J. Pingree, M.D.
5:00 PM	Adjourn	
Pre-Course Session 3:		
Hands-On Posterior Approaches to the CSP Lab		
Location: Center for Procedural Innovation / Scottsdale Campus		
6:30 AM	Registration and Breakfast	
7:00 AM	Laminoplasty: Indications, Technique and Complications	Key Note Speaker: John G. Heller, M.D.
7:40 AM	Lecture on Techniques for the day and Lab Orientation Talk	Lab Faculty: Mohamad Bydon, M.D. Bradford L. Currier, M.D. Brett A. Freedman, M.D. John G. Heller, M.D. Paul M. Huddleston, M.D. W. Richard W. Marsh, M.D. Jamal McClendon, Jr., M.D. Mark A. Pichelmann, M.D. Michael J. Yaszemski, M.D., Ph.D.
8:00 AM-12:45 PM	Hands-On Human Cadaver Lab	Paul M. Huddleston, M.D. W. Richard Marsh, M.D. Brett A. Freedman, M.D.
12:45PM	Wrap-Up and Closing Remarks	Paul M. Huddleston, M.D. W. Richard Marsh, M.D. Brett A. Freedman, M.D.
1:00 PM	Adjourn	

Friday, January 13, 2017		
General Session		
Location: Education Center / Phoenix Campus		
6:30 AM	Registration and Breakfast	
7:00 AM	Introduction to the Course	Ralph E. Gay, M.D.
Cervical Spine Overview		
7:15 AM	Epidemiology of Cervical Spine Disorders	Russell Gelfman , M.D.
7:35 AM	Clinical Anatomy and Biomechanics of the Cervical Spine	Vance T. Lehman, M.D.
7:55 AM	Cervical Spine Examination and Clinical Pearls	Brian E. Grogg, M.D.
8:15 AM	Imaging the Cervical Spine for Trauma	Vance T. Lehman, M.D.
8:35 AM	Panel/Q & A Session	Ralph E. Gay, M.D.
9:05 AM	Break	
Trauma		
9:25 AM	Mechanisms of Traumatic Injury	Michael J. Yaszemski, M.D., Ph.D.
9:45 AM	Clearing the Cervical Spine	Brett A. Freedman, M.D.
10:05 AM	Post-Trauma Surgical Management Overview and SLICS Grading	Brett A. Freedman, M.D.
10:25 AM	Post-Trauma Medical Management Overview	Jeanne M. Huddleston, M.D.
10:45 PM	The Surgeon's Role in Determining Cost	John G. Heller, M.D.
11:30 AM	Panel/Q & A Session	Paul M. Huddleston, M.D.
12:00 PM	Lunch	
Surgical Cases and Discussion		
12:45 PM	Controversies in Senile Occipito-Cervical and Dens Trauma	Bradford L. Currier, M.D.
1:30 PM	Surgical vs Non-Surgical Treatment of Central Cord Syndrome	Jamal McClendon, Jr., M.D.
2:15 PM	Cervical Deformity	Bradford L. Currier, M.D.
3:00 PM	Arthroplasty vs. ACDF	Mohamad Bydon, M.D.
3:45 PM	Panel/Q&A Session	Mark A. Pichelmann, M.D.
4:00 PM	Adjourn	

Saturday, January 14, 2017**General Session****Location: Education Center / Phoenix Campus****Cervical Radiculopathy and Stenosis**

6:30 AM	Breakfast	
7:00 AM	Natural History and Basic Science of Disc Disease	Wenchun Qu, M.D., M.S., Ph.D.
7:20 AM	Imaging CSP for Stenosis and Radic	Timothy P. Maus, M.D.
7:40 AM	Medical Management	Randy A. Shelerud, M.D.
8:00 AM	Interventional Pain Management	Timothy P. Maus, M.D.
8:20 AM	Surgical Management	Ahmad Nassr, M.D.
8:40 AM	Panel/Q & A Session	W. Richard Marsh, M.D.
9:00 AM	Break	

Cervical Degenerative and Inflammatory Disorders

9:20 AM	Evaluation and Differential Diagnosis	Russell Gelfman , M.D.
9:40 AM	Current Evidence for Management of Neck Pain, Updated Results from the Bone and Joint Decade Task Force on Neck Pain and Associated Disorders	Keynote Speaker: Scott Haldeman, M.D.
10:20 AM	Interventional Pain Management for Cervicalgia and the Cervicogenic Headache – Efficacy, Safety, and Technique	Greta B. Liebo, M.D.
10:40 AM	Surgical Management	Mark A. Pichelmann, M.D.
11:00 AM	The Global Burden of Spinal Disorders and Current Initiatives to Address This Burden	Keynote Speaker: Scott Haldeman, M.D.
11:40 AM	Panel/Q&A Session	Moderator: Paul M. Huddleston, M.D.
12:00 PM	Lunch	

Non-Surgical Cases and Discussion

12:45 PM	Chronic Mechanical Neck Pain	Ralph E. Gay, M.D. and Lisa J. Mattingly, B.S.N., R.N., C.R.R.N.
1:30 PM	Cervical Myelopathy	Kathleen M. McEvoy, M.D., Ph.D.
2:15 PM	Cervical Radiculopathy or Shoulder Pathology – which is it?	Brian G. Case, APRN, CNS, M.A.N.
3:00 PM	Paresthesias	Kathleen M. McEvoy, M.D., Ph.D.
3:45 PM	Panel/Q&A Session	Randy A. Shelerud, M.D.
4:00 PM	Adjourn	