

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, November 30, 2016
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. **Bursting the Bubble on Burst Fractures: Assessment of Spinal Stability – Brial L. Dial, M.D.**
6:50-7:10 A.M. **Osteonecrosis of the Femoral Head Part II: Operative Management – Evan M. Guerrero, M.D.**
7:10-7:30 A.M. **High Pressure Injection of the Hand – A. Jordan Grier, M.D.**



Joint Accreditation Statement: In support of improving patient care, the Duke University Health System Dept of Clinical Education & Professional Development is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the health care team.

Credit Designation Statement: Duke University Health System Dept of Clinical Education and Professional Development designates this educational activity for a maximum of 1 AMA PRA Category 1 Credit(s). Physicians should claim only credit commensurate with the extent of their participation in the activity.

Faculty, Physician Assistants, and Area Orthopaedists are eligible to receive CME credits for this activity; however, they must sign-in on the attendance sheets provided. In order to remain CME compliant, all speakers must sign a Faculty Disclosure Form. Please contact Ms. Sharon Long, CME Associate for Orthopaedic Surgery at Sharon.Long@mc.duke.edu or (919) 684-3170.

Summary of Faculty Disclosure/Planning Committee: The Following speakers and/or planning members have indicated that they have relationship(s) with industry to disclose: Drs. Dial, Guerrero and Grier have nothing to disclose.

WEDNESDAY, November 30, 2016

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Trauma: Case: Acetabular Fractures – Gregory J. Della Rocca, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Anatomy: Flexor and Extensor Forearm and Wrist – Fraser J. Leversedge, M.D. and Marc J. Richard, M.D.</i>		

THURSDAY, December 1, 2016

Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference	6:30 – 7:00 A.M.	1515 Duke North Radiology
<i>Proximal Humerus Fractures</i>		
Hand/ Upper Extremity Radiology Conference [1 st]	6:30 – 7:30 A.M.	1512 Duke North Radiology
Foot and Ankle MRI Conference [2 nd and 4 th]	6:30 – 7:30 A.M.	2125 ASC Conference Room
Orthopaedic Pediatric and Journal Club Conference	7:30 – 8:30 A.M.	107 Lenox Baker Children's Hospital
Musculoskeletal Histopathology Conference	7:45 – 8:45 A.M.	2-2 Cancer Center
Core Skills	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center
<i>Trauma: Proximal Humerus Fractures: ORIF Sawbones Lab – Gregory J. Della Rocca, M.D.</i>		

FRIDAY, December 2, 2016

Adult Reconstruction Case Conference	6:30 – 7:15 A.M.	1515 Duke North Radiology
Foot & Ankle Indications Conference	6:30 – 7:30 A.M.	7683A HAFS Building, 7 th Floor
Hand Surgery Indications Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
Spine Case Conference	6:30 – 7:30 A.M.	1N07 – Cancer Center Radiology Conference Room
Sports Medicine Team Meeting – Faculty and Fellows	6:15 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
<i>Hip Labral Injury – Nonoperative Management, Labral/FAI – Richard C. Mather, III, M.D. and Nicholas "Nick" Potter, P.T.</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

NEXT WEEK

MONDAY, December 5, 2016

Core Interactive	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
<i>Leadership 5</i>		
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Spine Preop Conference 2 nd and 4 th	7:15 – 7:45 A.M.	1512 Duke North Radiology

TUESDAY, December 6, 2016

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Trauma: Articular Fractures – Gregory J. Della Rocca, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Brachial Plexus Injuries – Fraser J. Leversedge, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Posterior Ankle Pathology – Ned Amendola, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

Saturday, December 3, 2016: Resident Applicant Interviews – DSSI

Monday, December 5, 2016: Leaving the Duke Nest – 6:00-8:00pm – Café Parizade – James Nunley, M.D., "Pearls to Consider in Your Job Search" and Joe T. Minchew, M.D. "Medicolegal Ancillary Income"

REFERENCES – GRAND ROUNDS CONFERENCE

Bursting the Bubble on Burst Fractures: Assessment of Spinal Stability – Briar L. Dial, M.D.

- Whitesides T. Traumatic Kyphosis of the Thoracolumbar Spine. CORR. 1977;128:78-92
- Rudol G, Gummerson N. Thoracolumbar Spinal Fractures: Review of Anatomy, Biomechanics, Classification and Treatment. Orthopaedics and Trauma. 2014;2:70-78
- Khurana B, Sheehan S, Sodickson A, Bono C, Harris M. Traumatic Thoracolumbar Spine Injuries: What the Spine Surgeon Wants to know. Radiographics. 2013.
- Chen J, Goswami A, Xu D, Xuan J, Jin H, Zhou F, Wang Y, Wang X. The Radiologic Assessment of Posterior Ligamentous Injury in Patients with Thoracolumbar Fracture. Eur Spine J. 2016 . Epub-ahead of print.
- Denis F. The Three Column Spine and its Significance in the Classification of Acute Thoracolumbar Spinal Injuries. SPINE. 1983;8:817-831.

Osteonecrosis of the Femoral Head Part II: Operative Management – Evan M. Guerrero, M.D.

- Mont MA, Ragland PS, Etienne G. Clin Orthop Relat Res. 2004 Dec;(420):131-8
- Song WS, You JJ, Kim YM, Kim HJ. Clin Orthop Relat res. 2007 Jan;454:139-46.
- Gangji V, De Maertelaer V, Hauzeur JP. Bone. 2011 Nov;49(5):1005-9.
- Hernigou P, Beaujean F. Clin Orthop Relat Res. 2002 Dec;(405):14-23.
- Gangji V, Hauzeur JP, Matos C, De Maertelaer V, Toungouz M, Lambermont M., J Bone Joint Surg Am. 2004 June;86-A(6):1154-60.

High Pressure Injection of the Hand – A. Jordan Grier, M.D.

- Amsdell SL and Hammert WC. High-pressure Injection Injuries in the Hand: Current Treatment Concepts. PRS. 2013;132(4):586e-591e
- Bekler et al. The Surgical Treatment and Outcomes of High-Pressure Injection Injuries of the Hand. J Hand Surg. 2007;32B:394-399.
- Christodoulou L. et al. Functional outcome of high pressure injection injuries of the hand. J Trauma. 2001;50:717-20.
- Dickson RA. High Pressure Injection Injuries of the Hand. A Clinical, Chemical and Histological Study. Hand. 1976 Jun;8(2):189-93
- Hogan C and Ruland R. High-pressure Injection Injuries to the Upper Extremity: A Review of the Literature. J Orthop Trauma. 2006;20(7):503-511.

