

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, March 9, 2016

103 Bryan Research Building

7:00 – 8:00 A.M.

7:00-7:20 A.M. Pigmented Villonodular Synovitis – Matthew D. Crawford, M.D.

7:20-7:40 A.M. Veni, vidi, vici VISI and DISI – E. Grant Sutter, M.D.

7:40-8:00 A.M. Diagnosis and Management of Acute Achilles Tendon Ruptures – Alexander J. Lampley, 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. Crawford, Sutter and Lampley have nothing to disclose.



WEDNESDAY, March 9, 2016

Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Upper Extremity Tendon Transfers – Fraser J. Leversedge, M.D. and Katherine C. Faust, M.D.</i>		

THURSDAY, March 10, 2016

Fracture/ Trauma Conference	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Forearm, Wrist, and Hand Fractures in the Pediatric Patient – Kathleen D. Rickert, M.D.</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
Orthopaedic Basic Science Conference	5:30 – 7:00 P.M.	0101A Duke Clinic Bldg.
<i>Leg Anatomy</i>		

FRIDAY, March 11, 2016

Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>TJ Infection Topics – Edward Hendershot, M.D.</i>		
Adult Reconstruction Preoperative Conference	6:15 – 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 M&M Conference – David S. Ruch, M.D.	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 with Dean Taylor, M.D.	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>Peds Knee – ACL – Jonathan C. Riboh, M.D. and Kevin M. Dale, M.D.</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab
Basic Surgical Skills (for PGY 1 Residents)	9:00 A.M. – 1:00 P.M.	0044A Human Fresh Tissue Lab
<i>No Basic Skills</i>		

NEXT WEEK

MONDAY, March 14, 2016

Attending Orthopaedic Lecture Series Conference	6:30 – 7:00 A.M.	2002 Duke North Hospital
<i>Extremity Salvage and Reconstruction – Suhail K. Mithani, M.D.</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, March 15, 2016

Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Vascular Disorders of the Upper Extremity – David S. Ruch, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:30 A.M.	2125 ASC Conference Room
<i>Insertional Achilles Tendinopathy – James A. Nunley, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

March 23, 2016 – Grand Rounds – Matthew J. Hilton, PhD., Assoc Prof of Orthopaedic Surgery and Cell Biology – “Cell Signaling Regulation of Skeletal Repair”

March 30, 2016 – Grand Rounds – George S. Aitken Lecturer – Robert M. Peroutka, M.D. “Arthroplasty – From Evolution to Transformation”

April 11, 2016 – Leaving the Duke Nest – 6:00-8:00pm, Café Parizade, 2200 W Main St., Durham, NC – Chet Deshmukh MBA, OTR/L and Frances T. Mock, J.D.

April 25 – 27, 2016 – J. Leonard Goldner Visiting Professor – David G. Little, MBBS, Ph.D. “Current and Future Treatment of Perthes Disease”

REFERENCES – GRAND ROUNDS CONFERENCE

Pigmented Villonodular Synovitis – Matthew D. Crawford, M.D.

1. Auregan JC, Klouche S, Bohu Y, Lefevre N, Herman S, Hardy P. Treatment of pigmented villonodular synovitis of the knee. *Arthroscopy*. 2014 Oct;30(10): 1327-41.
2. Levy DM, Haugom BD, Nho SJ, Gitelis S. Pigmented Villonodular Synovitis of the Hip: A Systematic Review. *Am J Orthop (Belle Mead NJ)*. 2016 Jan;45(1):23-8.
3. Murphey MD, Rhee JH, Lewis RB, Fanburg-Smith JC, Flemming DJ, Walker EA. Pigmented villonodular synovitis: radiologic-pathologic correlation. *Radiographics*. 2008 Sep-Oct;28(5):1493-518
4. Ogilvie-Harris DJ, McLean J, Zarnett ME. Pigmented villonodular synovitis of the knee. The results of total arthroscopic synovectomy, partial, arthroscopic synovectomy, and arthroscopic local excision. *J Bone Joint Surg Am*. 1992 Jan;74(1):119-23.
5. Ota T, Urakawa H, Kozawa E, Ikuta K, Hamada S, Tsukushi S, Shimoyama Y, Ishiguro N, Nishida Y. Expression of colony-stimulating factor 1 is associated with occurrence of osteochondral change in pigmented villonodular synovitis. *Tumour Biol*. 2015 Jul;36(7):536107.

Veni, vidi, vici VISI and DISI – E. Grant Sutter, M.D.

1. Caggiano and Matullo. *Orthop Clin North Am.* 2014;45(1):129-140.
2. Kitay and Wolfe. *J Hand Surg Am.* 2012;37(10):2175-2196.
3. Shin et al. *J Am Acad Orthop Surg.* 2000;8(3):170-179

Diagnosis and Management of Acute Achilles Tendon Ruptures – Alexander J. Lampley, M.D.

1. Maffulli N.: Rupture of the Achilles tendon. *J Bone Joint Surg Am* 1999; 81:pp. 1019-1036.
2. Huttunen TT, Kannus P, Rolf C., et al: Acute Achilles tendon ruptures: incidence of injury and surgery in Sweden between 2001 and 2012. *Am J Sports Med* 2014;42:pp. 2419-2423.
3. Cetti R, Henriksen LO, Jacobsen KS. A new treatment of ruptured Achilles tendons. A prospective randomized study. *Clin Orthop Relat Res.* 1994 Nov;(308):155-65.
4. Hartgerink P., Fessell DP, Jacobson JA, et al: Full versus partial-thickness Achilles tendon tears: sonographic accuracy and characterization in 26 cases with surgical correlation. *Radiology* 2001; 220: pp. 406-412.
5. Willits K., Amendola A, Bryant D., et al: Operative versus nonoperative treatment of acute Achilles tendon ruptures: a multicenter randomized trial using accelerated functional rehabilitation. *J Bone Joint Surg Am* 2010; 92: pp. 2767-2773.

