

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, August 10, 2016
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. Eosinophilic Granuloma of Bone - Nathan L. Grimm, M.D.
6:50-7:10 A.M. Leg Length Discrepancy in Total Hip Arthroplasty: Are the Pants Too Short or Too Long? - Benjamin M. Wooster, M.D.
7:10-7:30 A.M. Microfracture - Daniel J. Scott, M.D., M.B.A.



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. Grimm, Wooster and Scott have nothing to disclose.

WEDNESDAY, August 10, 2016

Core Rounds	7:30 – 8:20a.m.	103 Bryan Research Building
<i>Research – Steven A. Olson, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>No Lab</i>		

THURSDAY, August 11, 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>Surgical Anatomy: Shoulder, Arm, Elbow</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.	Human Fresh Tissue Lab
<i>Surgical Exposures of the Hand & Dorsal Wrist – Suhail K. Mithani, M.D., Hand Faculty and Fellows</i>		

FRIDAY, August 12, 2016

Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>No Conference</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 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>No Conference – Will resume August 26, 2016</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

NEXT WEEK

MONDAY, August 15, 2016

Core Interactive	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
<i>Clinical Examination of the Lower Extremity – Ned Amendola, 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, August 16, 2016

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Distal Radius Fractures – David S. Ruch, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>See Special Core</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Lateral Ankle Instability – James A. Nunley, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

REFERENCES – GRAND ROUNDS CONFERENCE

Eosinophilic Granuloma of Bone - Nathan L. Grimm, M.D.

1. Bertram C, Madert J, Eggers C. Eosinophilic granuloma of the cervical spine. Spine (Phila Pa 1976). 2002 Jul 1;27(13). PubMed PMID:12131737
2. DiCaprio MR, Roberts TT. Diagnosis and management of Langerhans cell histiocytosis. J Am Acad Orthop Surg. 2014 Oct;22(10):643-52. PubMed PMID:25281259
3. El Demellawy D, Young JL, de Nanassy J, Chernetsova E, Nasr A. Langerhans cell histiocytosis: a comprehensive review. Pathology. 2015 Jun;47(4):294-301. PubMed PMID:25938350
4. Elia D, Torre O, Cassandro R, Caminati A, Harari S. Pulmonary Langerhans cell histiocytosis: a comprehensive analysis of 40 patients and literature review. Eur J Intern Med. 2015 Jun;26(5):351-6. PubMed PMID: 25899682
5. Lichtenstein L, Jeffe HL. Eosinophilic granuloma of bone: With report of a case. Am J Pathol. 1940 Sep;16(5):595-604 3. PubMed PMID: 19970524. PubMed Central PMCID: PMC1965122

Leg Length Discrepancy in Total Hip Arthroplasty: Are the Pants Too Short or Too Long? - Benjamin M. Wooster, M.D.

1. Clark C, Huddleston H, Schoch E, Thomas B. Leg Length discrepancy after total hip arthroplasty. JAAOS. 2006;14:38-45
2. Hofmann A, Bolognesi M, Lahav A, Kurtin S. Minimizing leg-length inequality in total hip arthroplasty: use of preoperative templating and an intraoperative x-ray. Am J Orthop. 2008; 37(1):18-23
3. Sulco P, Cottino U, Abdel M, Sierra R. Avoiding hip instability and leg length discrepancy after total hip arthroplasty. Orthop Clin N Am. 2016; 47:327-334.
4. Gurney B, Mermier C, Robergs R, Gibson A, Rivero D. Effects of limb-length discrepancy on gait economy and lower-extremity muscle activity in older adults. JBJS. 2001;83(6):907-915.
5. Wyld V, Whitehouse S, Taylor A, Pattison G, Bannister G, Blom A. Prevalence and functional impact of patient-perceived leg length discrepancy after hip replacement. Int Orthop. 2009;33:905-909.

Microfracture - Daniel J. Scott, M.D., M.B.A.

1. Brittberg M, Lindahl A, Nilsson a, Ohlsson C, Isaksson O, Peterson L. Treatment of deep cartilage defects in the knee with autologous chondrocyte transplantation. N Engl J Med 1994;331:889-895
2. Hunter W. Of the structure and diseases of articulating cartilages, by William Hunter, surgeon. Philos Trans R Soc Lond 1742;42:514-521.
3. Steadman JR, Rodkey WG, Rodrigo JJ. Microfracture: Surgical technique and rehabilitation to treat chondral defects. Clin Orthop Relat Res 2001;381(suppl):S363-S369
4. Blevins FT, Steadman JR, Rodrigo JJ, Silliman J. Treatment of articular cartilage defects in athletes: An analysis of functional outcome and lesion appearance. Orthopaedics 1998;21:761-767: discussion 767-768.
5. Magnusson RA, Dunn WR, Carey JL, Spindler KP. Treatment of focal articular cartilage defect in the knee: A systematic review. Clin Orthop Relat Res 2008;466:952-962.

