

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, May 17, 2017
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

6:30-6:50 A.M. **Management of Lower Extremity Rotational Abnormalities in Pediatric Patients - Lindsay Kleeman, M.D.**

6:50-7:10 A.M. **Distal Radius Malunion - Evan M. Guerrero, M.D.**

7:10-7:30 A.M. **Medial Ankle Instability - Andrew E. Federer, 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: Dr. Kleeman, Guerrero and Federer having nothing to disclose.

WEDNESDAY, May 17, 2017		
Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Principles of Hemiarthroplasty, Review, TSA – Grant E. Garrigues, M.D.</i>		
Hand and Upper Extremity Anatomy Lab <i>No Surgery Skills/Anatomy Lab</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
THURSDAY, May 18, 2017		
Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference <i>Scapula Fractures</i>	6:30 – 7:00 A.M.	1515 Duke North Radiology
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 <i>Surgical Approaches to the Shoulder: Deltpectoral, Posterior (Judet), Clavicle – Grant E. Garrigues, M.D.</i>	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center
FRIDAY, May 19, 2017		
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 <i>ACL Injury Prevention – Karen M. Sutton, M.D., Feagin Visiting Professor</i>	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab
NEXT WEEK		
MONDAY, May 22, 2017		
Core Interactive <i>No Conference</i>	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Foot and Ankle Conference <i>Forefoot Case Presentations – Douglas W. Schreyack, DPM</i>	6:30 – 7:15 A.M.	2125 ASC Conference Room
Spine Preop Conference 2 nd and 4 th	7:15 – 7:45 A.M.	1512 Duke North Radiology
TUESDAY, May 23, 2017		
Specialty Core <i>Overhead/Throwing Athlete – Lee H. Diehl, M.D.</i>	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
Hand and Upper Extremity Conference <i>No Hand Conference</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology
ANNOUNCEMENTS		
May 31, 2017: State of Duke Orthopaedic Program – Dr. Benjamin A. Alman		
June 7, 2017: No Grand Rounds due to Department Photograph		
June 28, 2017: In lieu of Grand Rounds - Annual Mandatory Resident Orientation for Rising PGY 2-5 Residents, 103 Bryan Research Building, 6:30-8:00 AM		
July 5, 2017: No Grand Rounds		

REFERENCES – GRAND ROUNDS CONFERENCE

Management of Lower Extremity Rotational Abnormalities in Pediatric Patients - Lindsay Kleeman, M.D.

1. Surgical Advisory Panel. American Academy of Pediatrics. Guidelines for referral to pediatric surgical specialists. *Pediatrics* 2002;110:187-91.
2. Blackmur, J.P. and Murray, A.W. Do children who in-toe need to be referred to an orthopaedic clinic? *J Pediatr Orthop B*. 2010; 19: 415–417
3. Lincoln TL, Suen PW. Common rotational variations in children. *JAAOS* 2003; 11(5): 312-320
4. Weinberg DS, Park PJ, Morris WZ, Liu RW. Femoral version and tibial torsion are not associated with hip or knee arthritis in a large osteological collection. *J Ped Orthop* 2017; 37(2):120-128.
5. Tomczak RJ, Guenther KP, Rieber A, Mergo P, et al. MR imaging measurement of the femoral antetorsional angle as a new technique: comparison with CT in children and adults. *AJR* 1997;168:791-794.

Distal Radius Malunion - Evan M. Guerrero, M.D.

1. Haase SC, Chung KC. Management of malunions of the distal radius. *Hand Clin*. 2012 May;28(2):207-16.
2. Sharpe F, Stevanovic M. Extra-articular distal radial fracture malunion. *Hand Clin* 2005;21(3):469–87.
3. Jenkins NH, Mintowt-Czyz WJ. Mal-union and dysfunction in Colles' fracture. *J Hand Surg Br* 1988;13(3):291–3.
4. Altissimi M, Antenucci R, Fiacca C, et al. Long-term results of conservative treatment of fractures of the distal radius. *Clin Orthop Relat Res* 1986;206:202–10.
5. Prommersberger KJ, Fröhner SC, Schmitt RR, Lanz UB (2004) Rotational deformity in malunited fractures of the distal radius. *J Hand Surg A* 29:110–115.

Medial Ankle Instability - Andrew E. Federer, M.D.

1. van Rijn RM, van Os AG, Bernsen RM, Luijsterburg PA, Koes BW, Bierma-Zeinstra SM. What is the clinical course of acute ankle sprains? A systematic literature review. *Am J Med*. 2008 Apr;121(4):324-331.e6. doi: 10.1016/j.amjmed.2007.11.018. Review. PubMed PMID: 18374692.
2. Golanó P, Vega J, de Leeuw PA, Malagelada F, Manzaneres MC, Götzens V, van Dijk CN. Anatomy of the ankle ligaments: a pictorial essay. *Knee Surg Sports Traumatol Arthrosc*. 2016 Apr;24(4):944-56. doi: 10.1007/s00167-016-4059-4. Epub 2016 Apr 1. PubMed PMID: 27052302.
3. Hintermann B, Valderrabano V, Boss A, Trouillier HH, Dick W. Medial ankle instability: an exploratory, prospective study of fifty-two cases. *Am J Sports Med*. 2004 Jan-Feb;32(1):183-90. PubMed PMID: 14754742.
4. Hintermann. "Medial Ankle Instability" *JAAOS*. OKOJ. Vol 9, Sept 2009
5. Knupp M, Lang TH, Zwicky L, Lötscher P, Hintermann B. Chronic Ankle Instability (Medial and Lateral). *Clin Sports Med*. 2015 Oct;34(4):679-88. doi: 10.1016/j.csm.2015.06.004. Epub 2015 Jul 23. Review. PubMed PMID: 26409589.

