

## ORTHOPAEDIC GRAND ROUNDS CONFERENCE

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

### PATIENT SAFETY CONFERENCE

- 6:30-6:50 A.M. **Femoral Head Cut Through - Travis J. Dekker, M.D.**  
 6:50-7:10 A.M. **Imperfect Circles: Distal Femoral Interlock Misplacement in Femoral Intramedullary Nail - Benjamin M. Wooster, M.D.**  
 7:10-7:30 A.M. **Screw Pullout and Postoperative Imaging Following Spine Surgery - Brian L. Dial, 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](mailto: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. Dekker, Wooster and Dial have nothing to disclose.

WEDNESDAY, September 7, 2016		
Core Rounds	7:30 – 8:20A.M.	103 Bryan Research Building
<i>Leadership</i>		
Hand and Upper Extremity Anatomy Lab <i>Flexor and Extensor Digit; Surgical Skills: Thumb Basilar Joint Arthroplasty – LRTI – Fraser J. Leversedge, M.D. and Richard D. Goldner, M.D.</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
THURSDAY, September 8, 2016		
Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/Trauma Conference <i>Proximal Femur Fractures</i>	6:30 – 7:00 A.M.	1515 Duke North Radiology
Hand/ Upper Extremity Radiology Conference [1 <sup>st</sup> ]	6:30 – 7:30 A.M.	1512 Duke North Radiology
Foot and Ankle MRI Conference [2 <sup>nd</sup> and 4 <sup>th</sup> ]	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>Proximal Femur Fractures: ORIF, CMN, Arthroplasty – Rachel M. Reilly, M.D.</i>	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center
FRIDAY, September 9, 2016		
Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
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 <sup>th</sup> 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>Sports Cardiology – Tracy Ray, M.D. and Lee Diehl, M.D.</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, September 12, 2016		
Core Interactive <i>THA/TKA Implant System Basics – Thorsten M. Seyler, M.D., Ph.D.</i>	6:30 – 7:00 A.M.	3 <sup>rd</sup> Floor Classrooms, Trent Semans Center
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Spine Preop Conference 2 <sup>nd</sup> and 4 <sup>th</sup>	7:15 – 7:45 A.M.	1512 Duke North Radiology
TUESDAY, September 13, 2016		
Specialty Core <i>Pediatric Trauma: Physeal Fracture, Extra Physeal Fracture, Transitional Fractures, Non-Accidental Trauma – Robert K. Lark, M.D.</i>	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
Hand and Upper Extremity Conference <i>Peripheral Nerve Injury and Regeneration – Fraser J. Leversedge, M.D.</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>PTTD: Pathomechanics and Classification – Samuel B. Adams, Jr., M.D.</i>	6:30 – 7:15 A.M.	2125 ASC Conference Room
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology
ANNOUNCEMENTS		
Sept 26, 2016 – Leaving the Duke Nest – Parizade, 2200 W Main St, Durham, NC- 6:00-8:00PM – CT Moorman, M.D. - "Work/Life Balance"		

# REFERENCES – GRAND ROUNDS CONFERENCE

## Femoral Head Cut Through - Travis J. Dekker, M.D.

1. Schnell S, Friedman SM, Mendelson DA, Bingham KW, Kates SL. The 1-Year Mortality of Patients Treated in a Hip Fracture Program for Elders. *Geriatric Orthopaedic Surgery & Rehabilitation*. 2010;1(1):6-14. doi:10.1177/2151458510378105.
2. Intiso D1, Di Rienzo F, Grimaldi G, Lombardi T, Fiore P, Maruzzi G, Iarossi A, Tolf M, Paziienza L. Survival and functional outcome in patients 90 years of age or older after hip fracture. *Age Ageing*. 2009 Sep;38(5):619-22. doi: 10.1093/ageing/afp126. Epub 2009 Jul 24.
3. Koval KJ1, Skovron ML, Aharonoff GB, Meadows SE, Zuckerman JD. Ambulatory ability after hip fracture. A prospective study in geriatric patients. *Clin Orthop Relat Res*. 1995 Jan;(310):150-9.
4. Mavrogenis AF, Panagopoulos GN, Megaloikonomos PD, Igoumenou VG, Galanopoulos I, Vottis CT, Karabinas P, Koulouvaris P, Kontogeorgakos VA, Vlamis J, Papagelopoulos PJ. Complications After Hip Nailing for Fractures. *Orthopedics*. 2016 Jan-Feb;39(1):e108-16. doi: 10.3928/01477447-20151222-11. Epub 2015 Dec 30.
5. Lobo-Escolar A1, Joven E, Iglesias D, Herrera A. Predictive factors for cutting-out in femoral intramedullary nailing. *Injury*. 2010 Dec;41(12):1312-6. doi: 10.1016/j.injury.2010.08.009. Epub 2010 Sep 15.

## Imperfect Circles: Distal Femoral Interlock Misplacement in Femoral Intramedullary Nail - Benjamin M. Wooster, M.D.

1. Benirschke S, Melder I, Henley M, Routt M, Smith D, Chapman J, Swiontkowski M. Closed interlocking nailing of femoral shaft fractures: assessment of technical complications and functional outcomes by comparison of a prospective database with retrospective review. *J Orthop Trauma*. 1993; 7(2): 118 – 122.
2. Ode M, Mancha D, Ozilo K, Amupitan I, Taiwo F, Onche I. Interlocking nail screw targeting with the sign interlocking system. *Journal of Dental and Medical Sciences*, 2015; 14(5): 29 – 31.
3. Docquier P, Manche E, Autrique C, Geulette B. Complications associated with gamma nailing: a review of 439 cases. *Acta Orthopaedica Belgica*. 2002; 68(3): 251 – 257.
4. Christos K, Yiannakopoulos M, Anastassios D, Kanellopoulos M. Distal intramedullary nail interlocking. 2005; 19: 410 – 414.

## Screw Pullout and Postoperative Imaging Following Spine Surgery - Brian L. Dial, M.D.

- 1.
- 2.
- 3.

