

## ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, September 21, 2016  
103 Bryan Research Building  
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. **Pediatric Septic Hip – Andrew E. Federer, M.D.**  
 6:50-7:10 A.M. **A Bummed Knee: Evaluation of the Painful Primary TKA - Brian L. Dial, M.D.**  
 7:10-7:30 A.M. **Adult Osteonecrosis of the Femoral Head-Part One: Non-operative Management – Evan M. Guerrero, 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. Federer, Dial and Guerrero have nothing to disclose.

### WEDNESDAY, September 21, 2016

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Pediatric Fractures – Robert D. Fitch, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Thumb Basilar Joint Arthroplasty/Reconstruction</i>		

### THURSDAY, September 22, 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: Carpal Tunnel &amp; Distal Ulnar Tunnel</i>		
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	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center
<i>1)Carpal Tunnel, 2)CUTR and 3)eCTR – Fraser J. Leversedge, M.D. and Suhail K. Mithani, M.D.</i>		

### FRIDAY, September 23, 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 <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
<del>Sports Medicine Conference – No Conference</del>	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
<i>Quarterly Sports Medicine Business Meeting</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

### NEXT WEEK

### MONDAY, September 26, 2016

Core Interactive	6:30 – 7:00 A.M.	3 <sup>rd</sup> Floor Classrooms, Trent Semans Center
<i>Ankle Fractures – Selene G. Parekh, M.D., M.B.A.</i>		
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 27, 2016

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Shoulder Instability RTC Injury – Dean C. Taylor, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>See Special Core Conference above</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Patient Safety Conference – Andrew R. Harston, M.D., Ryan P. Mulligan, M.D. and Matthew G. Stewart, M.D.</i>		
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

## Pediatric Septic Hip – Andrew E. Federer, M.D.

1. Peltola H. Management of a child with suspected acute septic arthritis. Arch Dis Child. 2012;97:287-92
2. Cieslak TJ, Rajnik M: Fetal breech presentation predisposes to subsequent development of septic arthritis of the hip. Pediatr Infect Dis J 2005;24(7):650-652.
3. Narang A, Mukhopadhyay K, Kumar P, Bhakoo ON: Bone and joint infection in neonates. Indian J Pediatr 1998;65(3):461-464.
4. Cook PC. Transient synovitis, septic hip, and Legg-Calve-Perthes disease: an approach to the correct diagnosis. Pediatr Clin North Am. 2014 Dec;61(6):1109-18. Di:10.1016/j.pcl.2014.08.002.
5. Samzam MM: The role of ultrasound in differentiating septic arthritis from transient synovitis of the hip in children. J Pediatr Orthop B 2006;15(6):418-422.

## A Bummed Knee: Evaluation of the Painful Primary TKA - Brian L. Dial, M.D.

1. Baker PN, Van Der Meulen JH, Lewsey J, Gregg PJ, National Joint Registry England Wales. The role of pain and function in determining patient satisfaction after total knee replacement. Data from National Joint Registry for England and Wales. J Bone Joint Surg Br. 2007;89:7.
2. Kurtz S, Ong K, Lau E, Mowat F, Halpern M. Projection of Primary and Revision Hip and Knee Arthroplasty in the U.S. from 2005-2030. JBJS 2007;89:4.
3. Mandalia V, Eyres K, Schnaz P, Toms A.D. Evaluation of patients with a painful total knee replacement. The Bone & Joint Journal. 2008
4. Parvizi J, Heller S, Berend K, Della Valle C, Springer Bryan. Periprosthetic Joint Infections: The Algorithmic Approach and Emerging Evidence. Inst Course Lect 2015;64:51-60.
5. Parratte S, Pagnano M. Instability After Total Knee Arthroplasty. JBJS. 2008;90:1.

## Adult Osteonecrosis of the Femoral Head-Part One: Non-operative Management – Evan M. Guerrero, M.D.

1. Mont MA, Hungerford DS. Non-traumatic avascular necrosis of the femoral head. J Bone Joint Surg Am. 1995 Mar;77(3):459-74
2. Mankin HJ. Nontraumatic necrosis of bone (Osteonecrosis). N Engl J Med. 1992 May 28;326(22):1473-9.
3. Mont MA, Cherian JJ, Sierra RJ, Jones LC, Lieberman JR. Nontraumatic Osteonecrosis of the Femoral Head: Where do We Stand Today? A Ten-Year Update. J Bone Joint Surg Am. 2015 Oct 7;97(19):1604-27
4. Seamon J, Keller T, Saleh J, Cui Q/ The pathogenesis of nontraumatic osteonecrosis. Arthritis. 2012;2012:601763.
5. Rajpura A, Wright AC, Board TN. Medical Management of Osteonecrosis of the Hip: a Review. Hp Int. 2011 Jul-Aug;21(4):385-92

