

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, February 24, 2016

103 Bryan Research Building

7:00 – 8:00 A.M.

7:00-7:20 A.M. An Acceptable Place for Performance Enhancing Drugs: Achieving Fusion in Foot and Ankle Surgery – Joseph J. Kavolus, M.D.

7:20-7:40 A.M. Ceramic Bearings in Total Hip Arthroplasty – Lindsay T. Kleeman, 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: Doctors Kavolus and Kleeman have nothing to disclose.



WEDNESDAY, February 24, 2016

Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Surgical Skills: Flexor Tendon Repair & Pulley Reconstruction – Fraser J. Leversedge, M.D., Suhail K. Mithani, M.D., Jeremy J. Miles, M.D.</i>		

THURSDAY, February 25, 2016

Fracture/ Trauma Conference	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Fractures of the Hand and Digits – Megan S. Crosmer, 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>Thigh and Knee Jeopardy</i>		

FRIDAY, February 26, 2016

Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Hip Impingement – Steven A. Olson, 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 Journal Club	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>ACL Reconstruction – William E. Garrett, Jr., M.D., Ph.D./ Sports Fellowship Interviews</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>Approaches to the Elbow, Forearm, and Hand – Marc J. Richard, M.D.</i>		

NEXT WEEK

MONDAY, February 29, 2016

Attending Orthopaedic Lecture Series Conference	6:30 – 7:00 A.M.	2002 Duke North Hospital
<i>Patient Selection and Practice Management – David E. Attarian, M.D., FRSC</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 1, 2016

Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Upper Extremity Reconstruction Ladder – Case Presentation: Suhail K. Mithani, M.D., Detlev Erdmann, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:30 A.M.	2125 ASC Conference Room
<i>Cavovarus Foot and Ankle Deformity – Kamran S. Hamid, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

March 2, 2016 – Grand Rounds – Fraser J. Leversedge, M.D. – “Getting a Grasp of Hand Conditions Through Anatomic Explanations: From Swan-Neck to SCAC Wrist”

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.

April 11, 2016 – Leaving the Duke Nest – 6:00-8:00pm, Café Parizade, 2200 W Main St., Durham, NC

April 25 – 27, 2016 – J. Leonard Goldner Visiting Professor – David G. Little, MBBS., Ph.D.

May 4, 2016 – No Grand Rounds due to Orthopaedic Department Photograph

REFERENCES – GRAND ROUNDS CONFERENCE

An Acceptable Place for Performance Enhancing Drugs: Achieving Fusion in Foot and Ankle Surgery – Joseph J. Kavolus, M.D.

1. Lin SS1, Montemurro NH, Krell ES Orthobiologics in Foot and Ankle Surgery. Acad Ortho Surg 2016 Feb;24(2): 2-11 doi: 10.5435/JAAOS-D-14-00155.
2. Benninger E1, Zingg PO1, Kamath AF2, Dora C1. Cost analysis of fresh –frozen femoral head allografts: is it worthwhile to run a bone bank? Bone Joint J. 2014 Oct;96-B(1):1307-11. doi: 10.1302/0301-620X.96B10.33486
3. Timothy T. Roberts and Andrew J. Rosenbaum. Bone grafts, bone substitutes and orthobiologics. The bridge between basic science and clinical advancements in fracture healing. Organogenesis. 2012 Oct 1; 8(4): 114-124.
4. Daniels TR1, Younger AS2, Penner MJ3, Wing KJ3, Le IL4, Russell IS4, Lalonde KA5, Evangelista PT6, Quito JD7, Glazebrook M8, DiGiovanni CW9. Prospective Randomized Controlled Trial of Hindfoot and Ankle Fusions Treated with rhPDGF-BB in Combination with a I3-TCP-Collagen Matrix. Foot Ankle Int 2015 Jul;36(7):739-48. Doi 10.1177/1071100715576370, 2015 April 6
5. Bibbo C1, Patel DV, Haskell MD. Recombinant bone morphogenetic protein-2 (rhBMP-2) in high-risk and hindfoot fusions. Foot Ankle Int. 2009 Jul;30(7): 597-603. Doi: 10.3113/FAI.2009.0597

Ceramic Bearings in Total Hip Arthroplasty – Lindsay T. Kleeman, M.D.

1. Winter M, Griss P, Scheller G, Moser T. Ten to 14-year old results of a ceramic hip prosthesis. Clin Orthop Relat Res 1991; 282:73-80.
2. Yon TR, Rowe SM, Jung ST, Seon KJ, et al. Osteolysis in association with a total hip arthroplasty with ceramic bearing surfaces. J Bone Joint Surg 1998; 80(10):1459-67.
3. Kurtz SM. UHMWPE Biomaterials Handbook 2nd Ed. Ann Arbor: Elsevier 2009. Print
4. Basu B, Kalin M. Tribology of ceramics and composites: A materials science perspective. Hoboken, NJ: John Wiley & Sons 2011. Print
5. Valenti JR, Rio JD, Amillo S. Catastrophic Wear in a Metal-on-Ceramic Total Hip Arthroplasty. J Arthroplasty 2007; 22(6):920–22.

