

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, May 11, 2016

103 Bryan Research Building

7:00 – 8:00 A.M.

- 7:00-7:20 A.M. **Radiation A Molecular Crash Course in Principles and Orthopaedic Applications – Joseph J. Kavolus II, M.D.**
- 7:20-7:40 A.M. **Unicompartmental Knee Arthroscopy – William A. Byrd, M.D.**
- 7:40-8:00 A.M. **Prophylactic Antibiotics in Prevention of Surgical Site Infections in Orthopaedic Surgery – Benjamin M. Wooster, 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, Byrd and Wooster have nothing to disclose.



WEDNESDAY, May 11, 2016

Hand and Upper Extremity Anatomy Lab <i>Clavicle Fracture Repair – Grant E. Garrigues, M.D., Fraser J. Leversedge, M.D., Katherine C. Faust, M.D.</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
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THURSDAY, May 12, 2016

Fracture/ Trauma Conference <i>Interpreting X-rays of the Pelvis – Steven A. Olson, M.D.</i>	6:15 – 7:15 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
Orthopaedic Basic Science Conference <i>No Conference due to the Piedmont Meeting</i>	5:30 – 7:00 P.M.	0101A Duke Clinic Bldg.

FRIDAY, May 13, 2016

Comprehensive Hip and Knee Reconstruction <i>No Conference due to the Piedmont Meeting</i>	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 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 with Dean Taylor, M.D.	6:15 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference <i>Adhesive Capsulitis – Christopher Kim, M.D. and June Kennedy, P.T.</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
Basic Surgical Skills (for PGY 1 Residents) <i>Hand – Marc J. Richard, M.D.</i>	9:00 A.M. – 1:00 P.M.	0044A Human Fresh Tissue Lab

NEXT WEEK

MONDAY, May 16, 2016

Attending Orthopaedic Lecture Series Conference <i>Finding A Job – Selene G. Parekh, M.D., M.B.A.</i>	6:30 – 7:00 A.M.	2002 Duke North Hospital
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, May 27, 2016

Hand and Upper Extremity Conference <i>Intrinsic Flaps of the Hand – Howard Levinson, M.D.</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>Forefoot Case Presentations – Douglas W. Schreyack, D.P.M.</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

May 18, 2016 – Research Grand Rounds – Amy L. McNulty, PhD - "Developing Biologic Strategies to Enhance Meniscus Repair"

May 25, 2016 – JRU Visiting Professor: Scott H. Kozin, M.D., Chief of Staff, Shriners Hospital for Children, Philadelphia – "Pediatric Nerve Injuries"

Grand Rounds June 8, 25, 22 will be held in the Nanalin Duke Conference Room 147

No Grand Rounds June 29, 2016 or July 6, 2016. Grand Rounds will resume July 13, 2016

REFERENCES – GRAND ROUNDS CONFERENCE

Radiation A Molecular Crash Course in Principles and Orthopaedic Applications – Joseph J. Kavolus II, M.D.

1. External Beam Radiation Therapy for Orthopaedic Pathology – Horowitz D, Gross CE, Frank RM, Hsu AR, Diaz A, Gitelis S. J Am Acad Orthop Surg. 2015 Aug;23(8):e9-e10. Doi:5435/JAOS-D-15-00218.
2. Advanced in Radionuclide Therapeutics in Orthopaedics – Siegel HJ1, Luck JV Jr, Siegel ME. J Am Acad Orthop Surg. 2004 Jan-Feb;12(1):55-64.

Unicompartmental Knee Arthroscopy – William A. Byrd, M.D.

1. Insall J, Aglietti P: 5 to 7 year follow-up of unicompartmental arthroplasty. J Bone Joint Surg Am 1980;62:1329-1337
2. Laskin RS: Unicompartmental tibiofemoral resurfacing arthroplasty. J Bone Joint Surg Am 1978;60:182-185.
3. Laurencin CT, Zelicof SB, Scott RD, Ewald FC: Unicompartmental versus total knee arthroplasty in the same patient: A comparative study. Clin Orthop Relat Res 1991;273:151-156.
4. Stukenborg-Colsman C, Wirth CJ, Lazovic D, Wefer A: High tibial osteotomy versus unicompartmental joint replacement in unicompartmental knee joint osteoarthritis: 7-10 year follow-up prospective randomized study. Knee 2001;8:187-194.
5. Newman JH, Ackroyd CE, Shah NA: Unicompartmental or total knee replacement? Five-year results of a prospective, randomized trial of 102 osteoarthritic knees with unicompartmental arthritis. J Bone Joint Surg Br 1998;80:862-865.

Prophylactic Antibiotics in Prevention of Surgical Site Infections in Orthopaedic Surgery – Benjamin M. Wooster, M.D.

1. Prokuski I. Prophylactic antibiotics in orthopaedic surgery. J Am Acad Orthop Surg. 2008;16(5):283-293.
2. Miller T, Rahimi S, Lee M. History of infection control and its contributions to the development and success of brain tumor operations. Neurosurg Focus. 2005;18(4):1-4
3. Bratzler DW, Dellinger EP, Olsen KM, et al. Clinical practice guidelines for antimicrobial prophylaxis in surgery. Am J Health-Syst Pharm. 2013;70:195-283.
4. Classen D, Evans R, Pestotnik S, Horn S, Menlove R, Burke J. The timing of prophylactic administration of antibiotics and the risk of surgical wound infection. NEJM. 1992;326(5):281-286.
5. Johnson D. Antibiotic prophylaxis with cefuroxime in arthroplasty of the knee. JBJS. 1987;69-B(5):786-789

