

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, October 12, 2016
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

6:30-6:50 A.M. **Surgical Management for Distal Femoral Malignancy – Beau J. Kildow, M.D.**
6:50-7:10 A.M. **Review of Non-Ossifying Fibromas – Kwadwo Owusu-Akyaw, M.D.**
7:10-7:30 A.M. **Medial Meniscal Root Tears – A. Jordan Grier, 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: Drs. Kildow, Owusu-Akyaw and Grier have nothing to disclose.

WEDNESDAY, October 12, 2016

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| Core Rounds | 7:30 – 8:20 A.M. | 103 Bryan Research Building |
| <i>Adult Reconstruction: Management of Perioperative Complications</i> | | |
| Hand and Upper Extremity Anatomy Lab | 5:30 – 7:00 P.M. | 0044A Duke Clinic Bldg. |
| <i>Flexor & Extensor Forearm Anatomy and Surgical Exposures – Erin M. Meisel, M.D., Marc J. Richard, M.D. and Fraser J. Leversedge, M.D.</i> | | |

THURSDAY, October 13, 2016

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| 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>OITE Review: Trauma – Rachel M. Reilly, 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 |
| Core Skills | 5:30 – 7:30 P.M. | 0101A Duke Clinic Bldg. or Trent Semans Center |
| <i>Proximal Femur Fractures: ORIF, CMN, Arthroplasty – Rachel M. Reilly, M.D.</i> | | |

FRIDAY, October 14, 2016

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| 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 Research Meeting | 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 | 7:00 – 8:30 A.M. | Stedman Auditorium 3475 Erwin Road |
| <i>Posterior Shoulder Instability – Dean C. Taylor, M.D. and David Roskin, P.T.</i> | | |
| Sports Medicine Cadaver Lab | 9:30 A.M. – 2:00 P.M. | 0044A Human Fresh Tissue Lab |

NEXT WEEK

MONDAY, October 17, 2016

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| Core Interactive | 6:30 – 7:00 A.M. | 3 rd Floor Classrooms, Trent Semans Center |
| <i>OITE Review: Hand/Upper Extremity – Marc J. Richard, M.D. and Fraser J. Leversedge, M.D.</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, October 18, 2016

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| Specialty Core | 6:15 – 7:15 A.M. | Trent Semans Center Great Learning Hall |
| <i>Degenerative Cervical Spine – William J. Richardson, M.D.</i> | | |
| Hand and Upper Extremity Conference | 6:30 – 7:15 A.M. | 0400 North Pavilion, Lower Level |
| <i>Hand Transplantation – Linda Cendales, M.D.</i> | | |
| Foot and Ankle Conference | 6:30 – 7:15 A.M. | 2125 ASC Conference Room |
| <i>Nerve Compression Syndromes in F/A – Ryan P. Mulligan, M.D.</i> | | |
| Musculoskeletal Radiology-Pathology Conference | 7:30 – 8:30 A.M. | 1512 Duke North Radiology |

ANNOUNCEMENTS

Diversity and Inclusion Grand Rounds – Wednesday, November 2, 2016 – "Navigating Unconscious Bias" with Judy Seidenstein and Benjamin Reese
Orthopaedic In-Training Exam – Saturday, November 12, 2016 7:00am – Duke South Amphitheatre

REFERENCES – GRAND ROUNDS CONFERENCE

Surgical Management for Distal Femoral Malignancy – Beau J. Kildow, M.D.

1. Aponte-Tiniao, L. et al. Survival, recurrence and function after epiphyseal preservation and allograft reconstruction in osteosarcoma of the knee. Clin Orthop Relat Res, 2015. 473 (5): p. 1789-96
2. Brigman BE, et al. Allografts about the Knee in Young Patients with High-Grade Sarcoma. Clin Orthop Relat Res, 2004(421):p. 232-9
3. Hornicek FJ, et al. Factors affecting nonunion of the allograft-host junction. Clin Orthop Relat Res, 2001(382):p. 98-98
4. DiCaprio, MR and GE Friedlaender. Malignant bone tumors: limb sparing versus amputation. J Am Acad Orthop Surg, 2003. 11(1):p.25-37
5. Finn, HA and MA Simon. Limb-salvage surgery in the treatment of osteosarcoma in skeletally immature individuals. Clin Orthop Relat Res. 1991(262):p.108-18.

Review of Non-Ossifying Fibromas – Kwadwo Owusu-Akyaw, M.D.

1. Hatcher CH: The pathogenesis of localized fibrous lesions in the metaphyses of long bones. Ann Surg 1945;122:1016.
2. Arata MA, Peterson HA, Dahlin DC. Pathological fractures through non-ossifying fibromas. Review of the Mayo Clinic experience. J Bone Joint Surg Am., 1981;63(6):980-988.
3. Betsy M, Kupersmith LM, Springfield DS. Metaphyseal Fibrous Defects. J Am Acad Orthp Surg. 2004;12(2):89-95
4. Easley ME, Kneisl JS. Pathologic fractures through nonossifying fibromas: is prophylactic treatment warranted? J Pediatr Orthop. 1997;17(6):808-813.
5. Greyson ND, Pang S: The variable bone scan appearance of nonosteogenic fibroma of bone. Clin Nucl Med 1981;6:242-245.

Medial Meniscal Root Tears – A. Jordan Grier, M.D.

1. Allaire R, Muriuki M, Gilbertson L, Harner CD. Biomechanical Consequences of a tear of the posterior root of the medial meniscus. Similar to total meniscectomy. J Bone Joint Surg Am 2008;90:2122-2131. 10.2106/JBJS.G.00748
2. Bhatia S, LaPrade CM, Ellman MB, LaPrade RF. Meniscal root tears: significance, diagnosis and treatment. Am J Sports Med 2014;42:3-16-3030. 10.1177/0363546514524162
3. Choi SH, Bae S, Ji SK, Chang MJ. The MRI findings of meniscal root tear of the medial meniscus: emphasis on coronal, sagittal and axial images. Knee Surg Sports Traumatol Arthrosc 2012;20:2098-2103. 10.1007/s00167-011-1794-4
4. Choi JY, Chang EY, Cunha BM, Tafur M, Statum S, Chung CB. Posterior medial meniscus root ligament lesions: MRI classification and associated findings. AJR Am J Roentgenol 2014;203:1286-1292. 10.2214/AJR.14.12559
5. Ellman MB, LaPrade CM, Smith SD, Rasmussen MT, Engebretsen L, Wijdicks CA et al. Structural Properties of the Meniscal Roots. Am J Sports Med 2014;42:1881-1887. 10.1177/0363546514531730

