

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, November 15, 2017
 103 Bryan Research Building
 6:30 A.M. – 7:30 A.M.

6:30-6:50 A.M. Leg Calve Perthes Disease – Pathophysiology and Treatment Considerations - Kwadwo Owusu-Akyaw, M.D.
 6:50-7:10 A.M. Hip Arthroplasty in Patients with Degenerative Spine Disease - Alexander L. Lazarides, M.D.
 7:10-7:30 A.M. Mind the Gap: Peripheral Nerve Repair – John R. “Jack” Steele, 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:

WEDNESDAY, November 15, 2017		
Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Humerus Fractures – Diaphyseal – Gregory J. Della Rocca, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Brachial Plexus Anatomy & Nerve repair Techniques – Fraser J. Leversedge, M.D. and Suhail K. Mithani, M.D.</i>		
THURSDAY, November 16, 2017		
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>Pediatric Forearm/Wrist Fractures – Andrew P. Matson, 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>No Core Skills Lab</i>		
FRIDAY, November 17, 2017		
Adult Reconstruction Indications Conference	6:30 – 8:00 A.M.	2001 Duke North
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
Trauma M&M Conference 1 st , Indications Conference 2 nd , 3 rd , 4 th , and 5 th	7:00 – 7:30 A.M.	Room 2W92 DMP
Sports Medicine Research Meeting	6:00 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
<i>Research Topic</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	Raleigh Southtech
<i>ACL Anatomy and Reconstruction</i>		
NEXT WEEK		
MONDAY, November 20, 2017		
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	3 rd Floor Children's Health Center
Spine Preop Conference 2 nd and 4 th	7:15 – 7:45 A.M.	1512 Duke North Radiology
TUESDAY, November 21, 2017		
Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Hip Preservation Principles – Steven A. Olson, M.D. and Richard C. Mather, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Principles of Orthopaedic Flaps – Suhail K. Mithani, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Basic Science Charcot Neuroarthropathy – Michael S. Kerzner, DPM</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology
ANNOUNCEMENTS		
<i>November 29, 2017 – Grand Rounds – Daniel L. Riddle, PT, Ph.D., FAPTA – “Appropriate Use Criteria for Knee Arthroplasty: Current State of the Science and a Way Forward”</i>		
<i>December 13, 2017 – Grand Rounds – Presentation of the Anthony V. Seaber Student Fellowship Awards</i>		

REFERENCES – GRAND ROUNDS CONFERENCE

Leg Calve Perthes Disease – Pathophysiology and Treatment Considerations - Kwadwo Owusu-Akyaw, M.D.

1. Ibrahim T, Little D. The Pathogenesis and Treatment of Legg-Calve-Perthes Disease. J Bone Joint Surg Reviews 2016. 2016;4(7):e4. <http://dx.doi.org/10.2106/JBJS.RVW.15.00063>.
2. Herring JA, Kim HT, Browne R. Legg-Calve-Perthes Disease. Part II: Prospectively Multicenter Study of the Effect of Treatment on Outcome. J Bone Joint Surg Am. 2004 Oct;86(10):2121-34.
3. Wiig O, Terjesen T, Svenningsen S. Prognostic Factors and Outcome of Treatment in Perthes' Disease: A Prospective Study of 368 Patients with Five-Year Follow-up. J Bone Joint Surg Br. 2008 Oct;90(10):1264-71.
4. Garcia Mata S, Ardanaz Aicua E, Hidalgo Ovejero A, Martinez Grande M. Legg-Calve Perthes Disease and Passive Smoking. J Pediatr Orthop. 2000 May-June;20(3):326-30.
5. Sanchis M, Zahir A, Freeman MA. The Experimental Simulation of Perthes Disease by Consecutive Interruptions of the Blood Supply to the Capital Femoral Epiphysis in the Puppy. J Bone Joint Surg Am. 1973 Mar;55(2):335-42

Hip Arthroplasty in Patients with Degenerative Spine Disease - Alexander L. Lazarides, M.D.

1. Bedard NA et al. Abnormally High Dislocation Rates of Total Hip Arthroplasty after Spinal Deformity Surgery. J Arthroplasty. 2016 Dec;31 (12):2284-2885
2. Blizzard DJ et al. Ankylosing Spondylitis Increases Perioperative Complications after Total Hip Arthroplasty. J Arthroplasty. 2017 Aug;32(8):2472-2479
3. Blizzard DJ et al. The Impact of Lumbar Spine Disease and Deformity on Total Hip Arthroplasty Outcomes. Orthop Clin North Am. 2016 Jan;47(1):19-28
4. Buckland AJ et al. Acetabular Anteversion Changes Due to Spinal Deformity Correction: Bridging the Gap Between Hip and Spine Surgeons. JBJS Am. 2015 Dec 2;97(23):1913-20
5. Kanawade V et al. Predictability of Acetabular Component Angular Change with Postural Shift from Standing to Sitting Position. JBJS Am 2014 Jun 18;96(12):978-986

Mind the Gap: Peripheral Nerve Repair – John R. “Jack” Steele, M.D.

1. Brooks DN, Weber RV, Chao JD, et al. Processed Nerve Allografts for Peripheral Nerve Reconstruction: A Multicenter Study of Utilization and Outcomes in Sensory, Mixed, and Motor Nerve Reconstructions. Microsurgery 2012;32:1-14.
2. Chiriac S, Facca S, Diaconu M, et al. Experience of Using the Bioresorbable Copolyester Poly(DL-Lactide-epsilon-Caprolactone) Nerve Conduit Guide Neurolac for Nerve Repair in Peripheral Nerve Defects: Report on a Series of 28 Lesions. J Hand Surg Eur Vol 2012;37(4):342-9.
3. Cho MS, Rinker BD, Webber RV, Chao JD, Ingari JV, Brooks D, Buncke GM. Functional Outcome Following Nerve Repair in the Upper Extremity using Processed Nerve Allograft. J Hand Surg Am. 2012 Nov 32(11):2340-9.
4. Deal DN, Griffin JW, Hogan MV. Nerve Conduits for Nerve Repair or Reconstruction. J Am Acad Orthop Surg. 2012 Feb;20(2):63-8
5. Griffin JW, Hogan MV, Chhabra AB, Deal DN. Peripheral Nerve Repair and Reconstruction. J Bone Joint Surg Am. 2013 Dec 4;95(23):2144-51.

