

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, January 13, 2016

103 Bryan Research Building

7:00 – 8:00 A.M.

7:00-7:20 A.M. **Radial Nerve Palsy Following Ankle Fracture Immobilization - Kathleen D. Rickert, M.D.**

7:20-7:40 A.M. **Early Intraprosthetic Dislocation of an MDM Implant – Megan S. Crosmer, M.D.**

7:40-8:00 A.M. **Vascular Injury During Primary Total Knee 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 Rickert, Crosmer and Kleeman have nothing to disclose



WEDNESDAY, January 13, 2016

Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>SLIL Reconstruction-RASL, Brunelli – David S. Ruch, M.D., Marc J. Richard, M.D., Jeremy J. Miles, M.D.</i>		

THURSDAY, January 14, 2016

Fracture/ Trauma Conference	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Fractures and Dislocations about the Elbow in the Pediatric Patient – Jonathan A. Godin, 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>Pelvis Jeopardy</i>		

FRIDAY, January 15, 2016

Comprehensive Hip and Knee Reconstruction	6:15 – 7:15 A.M.	1515 Duke North Radiology
<i>Pericapsular TKA Injection – Rhett K. Hallows, 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 Indications Conference- Richard D. Goldner, M.D.	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 Partners Meeting	6:00 – 7:00 A.M.	DSSI Conf Room 1211
Sports Medicine Research Meeting	7:00 – 8:15 A.M.	DSSI Conf Room 1211
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	Human Fresh Tissue Lab
Basic Surgical Skills (for PGY 1 Residents)	9:00 A.M. – 1:00 P.M.	0044A Duke Clinic Bldg.
<i>Casting and Splinting Workshop</i>		

NEXT WEEK

MONDAY, January 18, 2016

Attending Orthopaedic Lecture Series Conference	6:30 – 7:00 A.M.	2002 Duke North Hospital
<i>No Conference</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, January 19, 2016

Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Ligament Injuries of PIPJs and MCPJs of Fingers and Thumb – Fraser J. Leversedge, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:30 A.M.	2125 ASC Conference Room
<i>Neuropathic Ulcer Management – Michael S. Kerzner, DPM</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

Leaving the Duke Nest – Tuesday, January 26, 2016 – 6:00 -8:00pm, Café Parizade, 2200 W. Main St., Durham, NC – Herb Phillips, M.D., J.D. "Product Liability! What you need to know to protect your patients and stay out of trouble". This one is dedicated to "The Rock", LTDN's biggest supporter!

REFERENCES – GRAND ROUNDS CONFERENCE

Radial Nerve Palsy Following Ankle Fracture Immobilization - Kathleen D. Rickert, M.D.

1. Ang EJ, Goh JC, Bose K, Toh SL, Choo A: A biofeedback device for patients on axillary crutches. Arch Phys Med Rehabil 1989;70:644-674.
2. Oguntusi JD, Davids T, Edward S, Codrington K, Fausette. Bilateral Wrist Drop Complicating Axillary Crutches Mobilization. West Indian Med J 2-13; 62(6):548-551.
3. Poddar SB, Gitelis S, Heydemann PT, Piasecki P: Bilateral predominant radial nerve crutch palsy: a case report. Clin Orthop 1993;297:245-246.
4. Raikin S, Fromson MI. Bilateral Brachial Plexus Compressive Neuropathy (Crutch Palsy). J Ortho Trauma 1992; 11(2):136-138.
5. Rudin LN: Bilateral Compression of Radial Nerve (crutch paralysis). Phys Ther 1951;31:229.

Early Intraoperative Dislocation of an MDM Implant – Megan S. Crosmer, M.D.

1. Philippot R, Camilleri JP, Boyer B, Adam P, Farizon F. The use of a dual-articulation acetabular cup system to prevent dislocation after primary total hip arthroplasty: analysis of 384 cases at a mean follow-up of 15 years. Int Orthop. 2009 Aug;33(4):927-32. Epub 2008, June 03.
2. Vielpeau C, Lebel B, Ardouin L, Burdin G, Lautridou C. The dual mobility socket concept: experience with 668 cases. Int Orthp. 2011 Feb;35(2):225-30. Epub 2010 Dec 24.
3. Philippot R, Boyer B, Farizon F. Intraoperative dislocation: a specific complication of the dual-mobility system. Clin Orthop Relat Res. 2013 Mar;471 (3):965-70, Epub 2012 Oct 10.
4. Verhelst LA, Van der Bracht J, Vanhegan IS, Van Backle BBe, Schepper J. Revising the well-fixed, painful resurfacing using a double-mobility head: a new strategy to address metal-on-metal complications. J Arthroplasty. 2012 Dec; 27(10): 1857-62. Epub 2012 Jul 05.
5. Banzhof JA, Robbins CEAV, Ven Talmo CT, Bono JF. Femoral head dislodgement complicating use of a dual mobility prosthesis for recurrent instability. J Arthroplasty. 2013 Mar;28(3):e1-3. Epub 2012 Dec 21.

Vascular Injury During Primary Total Knee Arthroplasty – Lindsay T. Kleeman, M.D.

1. Yanik B, Bulbul E, Demirpolat G. Variations of the popliteal artery branching with multi-detector CT angiography. Surg Radiol Anat 2015; 37:223-230
2. Matsen Ko LJ, Dehart ML, Yoo, JU, Huff TW. Popliteal artery injury associated with total knee arthroplasty: trends, costs and risk factors. J Arthroplasty 2014; 29:1181-1184.
3. Butt U, Samuel R, Sahu A, Butt ISA, et al. Arterial Injury in total knee arthroplasty. J Arthroplasty 2010;25(8): 1311-1318.
4. Klecker RJ, Winalski CS, Aliabadi P, Minas T. The aberrant anterior tibial artery: magnetic resonance appearance, prevalence and surgical implications. Am J Sports Med 2008; 36(4)
5. De Araujo Goes RF, Cardoso Filho A, deOliveira Castro GNP, Loures FB, et al. Magnetic resonance study of the anatomical relationship between the posterior proximal region of the tibia and the popliteal artery. Rev Bras Ortop 2015;50(4):4229-29

