

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, April 12, 2017
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. Developmental Coxa Vara – Matthew D. Crawford, M.D.
6:50-7:10 A.M. Orthopaedic Manifestations of Neurofibromatosis – Rita E. Baumgartner, M.D.
7:10-7:30 A.M. Biologic Fixation in Total Hip Arthroplasty - Gerald K. Aggrey, 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. Crawford, Baumgartner and Aggrey have nothing to disclose.

WEDNESDAY, April 12, 2017

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Sports: AC & SC Joint Injury – Alison P. Toth, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Total Elbow Arthroplasty – Marc J. Richard, M.D. and David S. Ruch, M.D.</i>		

THURSDAY, April 13, 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>Shoulder Dislocation</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.	Rooms 3055 & 3056 Trent Semans Center
<i>Basic Microsurgical Skills – Lab and Dinner by Matthew Lawrence/AxoGen</i>		

FRIDAY, April 14, 2017

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 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 – 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>No Sports Conference</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab
<i>No Lab</i>		

NEXT WEEK

MONDAY, April 17, 2017

Core Interactive	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
<i>No Conference</i>		
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Synchondroses of the Foot and Ankle – Andrew R. Harston, M.D., Ryan P. Mulligan, M.D., Mathew G. Stewart, M.D.</i>		
Spine Preop Conference 2 nd and 4 th	7:15 – 7:45 A.M.	1512 Duke North Radiology

TUESDAY, April 18, 2017

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Walk Through Canvas/Outlook 10 minutes followed by Wrist Ligament Injury & Fractures of the Carpus – Fraser J. Leversedge, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>See Above</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

April 19, 2017 – 25th Annual J. Leonard Goldner Visiting Professor – Lori A. Karol, M.D., Texas Scottish Rite Hospital for Children, Dallas, TX – “Early Onset Scoliosis: Why We Don't Do What We Used To, and What We Do Now”

May 1, 2017 – Leaving the Duke Nest – Café Parizade - 6:00-8:00PM “Medical Malpractice” Donald H. Beskind, Esq., Duke Law and “Lessons Learned from Referred Patients with Complications” James R. Urbaniak, M.D.

May 3, 2017 – Patient Safety Conference

REFERENCES – GRAND ROUNDS CONFERENCE

Developmental Coxa Vara – Matthew D. Crawford, M.D.

1. Beals RK. Coxa vara in childhood: evaluation and management. J Amer Acad Orth Surg 1998;6(2):93-99
2. Carroll K, Coleman S, Stevens PM. Coxa vara: surgical outcomes of valgus osteotomies. J Pediatr Orthop. 1998 Mar-Apr;17(2):220-4
3. Desai SS, Johnson LO. Long-term results of valgus osteotomy for congenital coxa vara. Clin Orthop Relat Res. 294:204 1993
4. Gunther CMJ et al. Midterm results after subtrochanteric end-to-side valgization osteotomy in severe infantile coxa vara. J Ped Orthop 2013;3394):353-360
5. Pauwels F: Biomechanics of the normal and diseased hip. 1976 Springer New York.

Orthopaedic Manifestations of Neurofibromatosis – Rita E. Baumgartner, M.D.

1. Tachdjian's Pediatric Orthopaedics. Ed. John Herring. 3rd ed. Vol.3. Philadelphia: W.B. Saunders, 2002, 1624-631
2. Crawford AH, Schorrr EK. Neurofibromatosis in children: the role of the orthopaedist. J Am Acad Orthop Surg. 1999 Jul-Aug;7(4):217-30
3. Kolberg M, Holand M, Agesen TH, Brekke HR, Liestol K, Hall KS, Mertens F, Picci P, Smeland S, Lothe RA. Survival meta-analysis for ≥ 1800 malignant peripheral nerve sheath tumor patients with and without neurofibromatosis type 1. Neuro Oncol. 2013 Feb;15(2):135-47
4. Curtis BH, Fisher RL, Butterfield WL, Saunders FP. Neurofibromatosis with paraplegia. Report of eight cases. J Bone Joint Surg Am. 1969 Jul;51(5):843-61
5. Dobbs MB, Rich MM, Gordon JE, Szymanski DA, Schoenecker PL. Use of an intramedullary rod for treatment of congenital pseudarthrosis of the tibia. A long-term follow-up study. J Bone Joint Surg Am. 2004 Jun;86-A(6):1186-97

Biologic Fixation in Total Hip Arthroplasty - Gerald K. Aggrey, M.D.

1. Coathup MJ, Blunn GW, Flynn N, Williams C & Thomas NP (2001). A comparison of bone remodeling around hydroxyapatite-coated, porous-coated and grit-blasted hip retrieved at post-mortem. Bone & Joint Journal, 83(1), 118-123
2. Engh CA, Hooten JR, JP, Zettl-Schaffer K, Ghaffarpour M, McGovern TF, Macalino GE & Zicat BA (1994). Porous-coated total hip replacement. Clinical orthopaedics and related research, 298, 89-96
3. Jaffe WL & Scott DF (1996). Current concepts review-total hip arthroplasty with hydroxyapatite-coated prostheses. J Bone Joint Surg Am, 78(12), 1918-34.
4. Khanuja HS, Vakili JJ, Goddard MS & Mont MA (2011). Cementless femoral fixation in total hip arthroplasty. J Bone Joint Surg Am, 93(5), 500-509
5. Otten VT, Crnalic S, Rohrl SM, Nivbrant B & Nilsson KG (2016). Stability of Uncemented Cups-Long-Term Effect of Screws, Pegs and HA Coating: A 14-Year RSA Follow-Up of Total Hip Arthroplasty. The Journal of Arthroplasty, 31(1), 156-161

