

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, September 14, 2016
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. **Zone II Flexor Tendon Injuries – Rita E. Baumgartner, M.D.**
 6:50-7:10 A.M. **Congenital Radioulnar Synostosis – Kendall E. Bradley, M.D.**
 7:10-7:30 A.M. **Management of Scaphoid Nonunions: Bridging the Gap Between Distant Poles – Anthony A. Catanzano, Jr., 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. Baumgartner, Bradley and Catanzano have nothing to disclose.

WEDNESDAY, September 14, 2016

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Evaluation of the Septic Joint/Pathologic Joint Effusion – Rachel M. Reilly, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Anatomy: Intrinsic Muscles of the Hand – Fraser J. Leversedge, M.D. and Marc J. Richard, M.D.</i>		

THURSDAY, September 15, 2016

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>Surgical Anatomy: Hip</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>Fingertip Injuries (Revision Amputation, Wound Closure/ Advancement Flaps, Nailbed Injury) – Suhail K. Mithani, M.D., Fraser J. Leversedge, M.D. and Hand Fellows</i>		

FRIDAY, September 16, 2016

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>Concussion – Jeff Bytowski, M.D. and Corina Martinez, P.T.</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

NEXT WEEK

MONDAY, September 19, 2016

Core Interactive	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
<i>Principles of Bracing and Orthotic Use – Ned Amendola, M.D. and Sports Fellows</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, September 20, 2016

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Compression Neuropathies (CTS/CuTS) – Fraser J. Leversedge, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>See Specialty Core</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Hallux Valgus Correction – Mark E. Easley, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

ANNOUNCEMENTS

Sept 26, 2016 – Leaving the Duke Nest – Parizade, 2260 W Main St, Durham, NC- 6:00-8:00PM – CT Moorman, M.D. - "Work/Life Balance"

REFERENCES – GRAND ROUNDS CONFERENCE

Zone II Flexor Tendon Injuries – Rita E. Baumgartner, M.D.

1. Kleiner HE, Spokevicius S, Papas NH: History of flexor tendon repair. J Hand Surg Am 1995;20(3 pt 2):S46-S52
2. Dy CJ, Hernandez-Soria A, Ma Y, Roberts TR, Daluiski A: Complications after flexor tendon repair: A systematic review and meta-analysis. J Hand Surg Am 2012;37(3):543-551.e1
3. Vigler M, Palti R, Goldstein R, Patel VP, Nasser P, Lee SK: Biomechanical Study of cross-locked cruciate versus Strickland flexor tendon repair. J Hand Surg Am 2008;33(10):1826-1833
4. Tang JB, Zhang Y, Cao Y, Xie RG: Core suture purchase affects strength of tendon repairs. J Hand Surg Am 2005;30(6):1262-1266.
5. Dy CJ, Daluiski A, Do H, Hernandez-Soria A, Marx R, Lyman S: The epidemiology of reoperation after flexor tendon repair. J Hand Surg Am 2012;37(5):919-924

Congenital Radioulnar Synostosis – Kendall E. Bradley, M.D.

1. Cleary JE, Omer GE. Congenital proximal radio-ulnar synostosis. Natural history and functional assessment. J Bone Joint Surg Am. 1985 Apr. 67(4):539-45
2. Congenital Radioulnar Synostosis. In: Weinstein SL, Flynn JM, eds. Lovell and Winter's Pediatric Orthopaedics. 7th ed; 2014:926-928
3. Elliott AM, Kibria L, Reed MH. The developmental spectrum of proximal radioulnar synostosis. Skeletal Radiol, 2010 39:49-54
4. Fujimoto M, Kato H, Minami A. Rotational osteotomy at the diaphysis of the radius in the treatment of congenital radioulnar synostosis. J Pediatr Orthop. 2005;225:676-679
5. Green WT, Mital MA. Congenital radio-ulnar synostosis: surgical treatment. J Bone Joint Surg Am. 1979 Jul. 61(5):738-43

Management of Scaphoid Nonunions: Bridging the Gap Between Distant Poles – Anthony A. Catanzano, Jr., M.D.

1. Ring D, Jupiter JB, Herndon JH. Acute Fractures of the Scaphoid. J Am Acad Orthp Surg. 2000;8:225-231
2. Garcia RM, Leversedge FJ, Aldridge JM, Richard MJ, Ruch, DS. Scaphoid nonunions treated with 2 headless compression screws and bone grafting. The Journal of Hand Surgery. 2014 Jul 31, 39(7):1301-7
3. Lee SK, Byun DJ, Roman-Deynes JL, Model Z, Wolfe SW. Hybrid Russe Procedure for Scaphoid Waist Fracture Nonunion with Deformity. The Journal of Hand Surgery. 2015 Nov;40(11):2198 - 2205
4. Herbert TJ, Fisher WE, Management of the fractured scaphoid using a new bone screw. J Bone Joint Surg Br. 1984 Jan;66(1):114-123.
5. Pinder RM, Brkljac M, Rix L., Muir L, Brewster M. Treatment of Scaphoid Nonunion: A Systematic Review of the Existing Evidence. J Hand Surg Am. 2015;40(9):1797-1805.

