

## ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, October 11, 2017  
103 Bryan Research Building  
6:30 A.M. – 7:30 A.M.

- 6:30-6:50 A.M. **Tibial Bowing – Sean P. Ryan, M.D.**  
6:50-7:10 A.M. **SC Injuries - Jonathan R. Peterson, M.D.**  
7:10-7:30 A.M. **Upper Extremity Amputations and Prosthetics - 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](mailto: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. Ryan, Peterson and Aggrey having nothing to disclose.

WEDNESDAY, October 11 2017		
Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Biomaterials – Shyni Varghese, M.D.</i>		
Hand and Upper Extremity Anatomy Lab	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
<i>Surgical Skills: Wrist Arthroscopy, CMC, and Elbow [Arthrex] – David S. Ruch, M.D. and Marc J. Richard, M.D.</i>		
THURSDAY, October 12, 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>OITE Review</i>		
Hand/ Upper Extremity Radiology Conference [1 <sup>st</sup> ]	6:30 – 7:30 A.M.	1512 Duke North Radiology
Foot and Ankle MRI Conference [2 <sup>nd</sup> and 4 <sup>th</sup> ]	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>OITE Review – Adult Reconstruction</i>		
FRIDAY, October 13, 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 <sup>th</sup> 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 <sup>st</sup> , Indications Conference 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , and 5 <sup>th</sup>	7:00 – 7:30 A.M.	Room 2W92 DMP
Sports Medicine Indications Conference	6:00 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference	7:00 – 8:00 A.M.	Stedman Auditorium 3475 Erwin Road
<i>Posterior Shoulder Instability/Shoulder Rehab – 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
<i>Ankle and Hindfoot Arthroscopy – Raleigh Southtech</i>		
NEXT WEEK		
MONDAY, October 16, 2017		
Pediatric Orthopaedic Indications Conference	6:15 – 7:15 A.M.	2902 Children's Health Center
Spine Preop Conference 2 <sup>nd</sup> and 4 <sup>th</sup>	7:15 – 7:45 A.M.	1512 Duke North Radiology
TUESDAY, October 17, 2017		
Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Gait Assessment: Normal &amp; Pathological Gait – Robert D. Fitch, M.D.</i>		
Hand and Upper Extremity Conference	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
<i>Fractures of the Scapula and Clavicle – Grant E. Garrigues, M.D.</i>		
Foot and Ankle Conference	6:30 – 7:15 A.M.	2125 ASC Conference Room
<i>Nerve Compression Syndromes in Foot and Ankle – James R. Lachman, M.D.</i>		
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology
ANNOUNCEMENTS		
<i>October 25, 2017 – Grand Rounds Visiting Professor, James P. Stannard, M.D., Missouri Orthopaedic Institute – “Biologic Replacement of the Knee”</i>		
<i>November 1, 2017 – Grand Rounds – Patient Safety Conference – Edward Hendershot, M.D.</i>		
<i>November 6, 2017 – Leaving the Duke Nest – 6:00pm Café Parizade – “The Importance of Disability Insurance and Product Liability- Herb Phillips, M.D., J.D.</i>		
<i>November 11, 2017 – Orthopaedic In-Training Exam – 7:00am Amphitheatre, Duke South near the Food Court – Bring your computer and power cord.</i>		

# REFERENCES – GRAND ROUNDS CONFERENCE

## Tibial Bowing – Sean P. Ryan, M.D.

1. Bressers M, Castelein R. Anterolateral Tibial Bowing and Duplication of the Hallux: A Rare But Distinct Entity with Good Prognosis. *JPO*. 2001; 10: 153-157.
2. Cheema F, Grissom L, Harcke T. Radiographic Characteristics of Lower-Extremity Bowing in Children. *RadioGraphics*. 2003;23: 871-880.
3. Anterolateral bowing: NF1 – common genetic disorder with cutaneous, ocular, nervous system, and osseous abnormalities.

## SC Injuries - Jonathan R. Peterson, M.D.

1. Rockwood and Matsen, *The Shoulder*, 2017
2. Rockwood and Green, *The Shoulder*, 1996
3. Bearn, *J Anat.*, 1967
4. Cooper A: *A Treatise on Dislocations and on Fractures of the Joints*, Ed 3, p 559. London, Longman, 1824

## Upper Extremity Amputations and Prosthetics - Gerald K. Aggrey, M.D.

1. Benz, H. L., Yao, J., Rose, L., Olgac, O., Kreutz, K., Saha, A., & Civillico, E. F. (2016, August). Upper extremity prosthesis user perspectives on unmet needs and innovative technology. In *Engineering in Medicine and Biology Society (EMBC), 2016 IEEE 38th Annual International Conference of the* (pp. 287-290). IEEE.
2. Bergmeister, K. D., Vujaklija, I., Muceli, S., Sturma, A., Hruby, L. A., Prahm, C., ... & Russold, M. F. (2017). Broadband Prosthetic Interfaces: Combining Nerve Transfers and Implantable Multichannel EMG Technology to Decode Spinal Motor Neuron Activity. *Frontiers in neuroscience*, 11, 421.
3. Biddiss, E. A., & Chau, T. T. (2007). Upper limb prosthesis use and abandonment: a survey of the last 25 years. *Prosthetics and orthotics international*, 31(3), 236-257.

