

## ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, October 5, 2016  
103 Bryan Research Building  
6:30 A.M. – 7:30 A.M.

### PATIENT SAFETY CONFERENCE

- 6:30-6:50 A.M. **Death Following Unstable T11 Fracture - Rita E. Baumgartner, M.D.**  
6:50-7:10 A.M. **Unresuscitated Code at VA Hospital Following Primary Total Knee Arthroplasty - Lindsay T. Kleeman, M.D.**  
7:10-7:30 A.M. **Mortality after I&D - Sean P. Ryan, 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: Doctors Baumgartner, Kleeman and Ryan have nothing to disclose.

### WEDNESDAY, October 5, 2016

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Research: Introduction to Orthopaedic Research – Benjamin A. Alman, M.D.</i>		
Hand and Upper Extremity Anatomy Lab <i>No Lab</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.

### THURSDAY, October 6, 2016

Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference <i>Biology of Fracture Healing</i>	6:30 – 7:00 A.M.	1515 Duke North Radiology
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 <i>Primary TKA – Adult Reconstruction Faculty and Fellows</i>	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center

### FRIDAY, October 7, 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 <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
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>Muscle Injury in Sports – William E. Garrett, Jr., M.D., Ph.D. and Blake Boggess, D.O.</i>		
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

### NEXT WEEK

### MONDAY, October 10, 2016

Core Interactive	6:30 – 7:00 A.M.	3 <sup>rd</sup> Floor Classrooms, Trent Semans Center
<i>OITE Review: Foot &amp; Ankle – Ned Amendola, M.D. and Selene G. Parekh, M.D., M.B.A.</i>		
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 11, 2016

Specialty Core	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
<i>Internal Derangement of the Knee: Evaluation &amp; Management (Meniscal Injury, ODC, OA) – Jonathan C. Riboh, M.D.</i>		
Hand and Upper Extremity Conference <i>Hand and Finger Replantation – Richard D. Goldner, M.D.</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>Total Ankle Arthroplasty: Tips and Tricks – James K. DeOrio, M.D.</i>	6:30 – 7:15 A.M.	2125 ASC Conference Room
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology

### ANNOUNCEMENTS

*Diversity and Inclusion Grand Rounds – Wednesday, November 2, 2016 – “Navigating Unconscious Bias” with Judy Seidenstein and Benjamin Reese*  
*Orthopaedic In-Training Exam – Saturday, November 12, 2016 7:00am – Duke South Amphitheatre*

## REFERENCES – GRAND ROUNDS CONFERENCE

### Death Following Unstable T11 Fracture - Rita E. Baumgartner, M.D.

1. Denis F. Spinal Instability as Defined by the Three-column Spine Concept in Acute Spinal Trauma. Clinical Orthopaedics and Related Research. 1984;189:65-76.
2. Caron T, Bransford R, Nguyen Q, Agel J, Chapman J, Bellabarba C. Spine Fractures in Patients with Ankylosing Spinal Disorders. Spine. 2010;35(11):E458-E464.
3. Werner BC, Samartzis D, Shen FH. Spinal Fractures in Patients with Ankylosing Spondylitis: Etiology, Diagnosis, and Management. J Am Acad Orthop Surg. 2016;24:241-249.
4. Nirula R, Maier R, Moore E, Sperry J, Gentillo L. Scoop and Run to the Trauma Center or Stay and Play at the Local Hospital: Hospital Transfer's on Mortality. Journal of Trauma. 2010;69:595-601

### Unresuscitated Code at VA Hospital Following Primary Total Knee Arthroplasty - Lindsay T. Kleeman, M.D.

1. VG. V, Phan K, Levy YD, Bruce WJM. Aspirin as Thromboprophylaxis in Hip and Knee Arthroplasty: A systematic review and Meta-Analysis. J Arthroplasty: A Systematic Review and Meta-Analysis. J Arthroplasty 2016: [epub ahead of print: <http://dx.doi.org/10.1016/j.arth.2016.04.004>]
2. Drescher FS, Sirovich BE, Lee A, Morrison DH, et al. Aspirin Versus Anticoagulation for Prevention of Venous Thromboembolism Major Lower Extremity Orthopaedic Surgery: A Systematic Review and Meta-Analysis. J Hospital Medicine 2013;9(9):579-85.
3. Cheung YJ, Liu ZH, Zeng WT, Zheng DD, et al. Current and Former Smoking and Risk for Venous Thromboembolism: A Systematic Review and Meta-Analysis. PLoS 2013;10(9):e1011515. Doi:10.1371/journal.pmed. 1001515.
4. Raphael IJ, Tischler EH, Huang R, Rothman RH, et al. Aspirin: An alternative for Pulmonary Embolism Prophylaxis after Arthroplasty. Clin Orthop Relat Res 2014; 472:482-288.
5. Dunn RH, Ahn J, Bernstein J. End-of-Life Care Planning and Fragility Fractures of the Hip: Are We Missing a Valuable Opportunity? Clin Orthop Relat Res 2016;474(7):1736-1739

### Mortality after I&D - Sean P. Ryan, M.D.

1. Misiakos E et al. Current Concepts in the Management of Necrotizing Fasciitis. Frontiers in Surgery 2014;1(36) 1-7.
2. Rimmele T et al. Immediate Postoperative Refeeding in Orthopaedic Surgery is Safe. Journal of Anesthesia 2005;19(4) 323-4.
3. Liao et al. Validation of the LRINEC Score for Early Diagnosis of Necrotizing Fasciitis. Tzu Chi Medical Journal 2012; 24(2) 73-76.

