

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, February 1, 2017
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

PATIENT SAFETY CONFERENCE

6:30-6:50 A.M. **Thigh Compartment Syndrome after GSW – Vasili Karas, M.D.**
6:50-7:10 A.M. **Wrong Site Surgery – 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 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. Karas and Ryan have nothing to disclose.

WEDNESDAY, February 1, 2017

Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Research</i>		
Hand and Upper Extremity Anatomy Lab <i>Flexor Tendon Repair & Reconstruction – Fraser J. Leversedge, M.D.</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.

THURSDAY, February 2, 2017

Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference <i>Cervical Spine Fractures</i>	6:30 – 7:00 A.M.	1515 Duke North Radiology
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 <i>Spine: Spine Approaches: Posterior/Thoracolumbar, Posterior Cervical, Posterior Lumbar – Sergio Mendoza, M.D.</i>	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center

FRIDAY, February 3, 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 <i>Patellofemoral – Ryan P. Coughlin, M.D.</i>	7:00 – 8:30 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Cadaver Lab	9:30 A.M. – 2:00 P.M.	0044A Human Fresh Tissue Lab

NEXT WEEK

MONDAY, February 6, 2017

Core Interactive <i>Leadership 7</i>	6:30 – 7:00 A.M.	3 rd Floor Classrooms, Trent Semans Center
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, February 7, 2017

Specialty Core <i>Spine: Lumbar Spine, Axial Pain, Radiculopathy – Melissa M. Erickson, M.D.</i>	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
Hand and Upper Extremity Conference <i>Tendinopathies of the Upper Extremity – Fraser J. Leversedge, M.D.</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>What's New in Cartilage Research – Samuel B. Adams, Jr., 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

February 15, 2017 – Guest Speaker – Jonathan Schoenecker, M.D., Ph.D – Vanderbilt - "Activator-Specific Plasmin Activity and the Prevention of Pathologic Muscle Calcification"

February 27, 2017 – Leaving the Duke Nest – 6:00-8:00pm Café Parizade, Durham, NC – "Answers to your Job Search Questions!" – Kathryn Cook, DHS

March 28, 2017 – Fifth Annual George S.E. Aitken Lectureship – James R. Urbaniak, M.D.

REFERENCES – GRAND ROUNDS CONFERENCE

Thigh Compartment Syndrome after GSW – Vasili Karas, M.D.

1. Bartlett CS, Helfet DL, Hausman MR, Strauss E. (2000). Ballistics and Gunshot Wounds: Effects on Musculoskeletal Tissues. *Journal of the American Academy of Orthopaedic Surgeons*, 8(1), 21-36.
2. Hope MJ & McQueen MM. (2004). Acute Compartment Syndrome in the Absence of Fracture. *Journal of Orthopaedic Trauma*, 18(4), 220-224.
3. Kanlic EM, Pinski SE, Verwiebe EG, Saller J, Smith WR (2010). Acute Morbidity and Complications of Thigh Compartment Syndrome: A Report of 26 cases. *Patient Safety in Surgery* 4,13. <http://doi.org/10.1186/1754-9493-4-13>.
4. Kenny C (2006). Compartment Pressures, Limb Length Changes and the Ideal Spherical Shape: A Case Report and In Vitro Study. *Journal of Trauma and Acute Care Surgery*, 61(4), 909-912.
5. McQueen MM & Gaston P (2000). Acute Compartment Syndrome. *Bone & Joint Journal*, 82(2), 200-203

Wrong Site Surgery – Sean P. Ryan, M.D.

1. Ragusa P et al. Effectiveness of Surgical Safety Checklists in Improving Patient Safety. *Orthopaedics*. 2016;39(2) 307-310
2. Devine J, Chutkan N, Norvell D, Dettori J. Avoiding Wrong Site Surgery: A Systematic Review. *Spine*. 2010;35(9):28-36
3. Mulloy D, Hughes R. Wrong-Site Surgery: A Preventable Medical Error. *Patient Safety and Quality: An Evidence-Based Handbook*. 2008. Ch 36.
4. The Joint Commission. The University Protocol for Preventing Wrong Site, Wrong Procedure, and Wrong Person Surgery: Guidance for Health Care Professionals. https://www.jointcommission.org/assets/1/18/UP_Poster1.PDF
5. Santiesteban L, Hutzler L, Bosco J, Robb W. Wrong-Site Surgery in Orthopaedics: Prevalence, Risk Factors, and Strategies for Prevention. *JBJS*, 2016;4(1)e5.

