

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, July 17, 2017
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

6:30-6:50 A.M. **Keeping it Straight: Identifying at Risk Curves in Adolescent Idiopathic Scoliosis – David M. Tainter, M.D.**
6:50-7:10 A.M. **Charcot Marie Tooth – Evan M. Guerrero, M.D.**
7:10-7:30 A.M. **Management of Segmental Bone Defects – Tyler J. Vovos, 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. Tainter, Guerrero and Vovos have nothing to disclose.

WEDNESDAY, July 19, 2017		
Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>Multi-Trauma Patient – Gregory J. Della Rocca, M.D.</i>		
Hand and Upper Extremity Anatomy Lab <i>No Lab</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
THURSDAY, July 20, 2017		
Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference <i>Subaxial Cervical Spine Injuries – Travis J. Dekker, M.D.</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>External Fixation – Upper & Lower Extremities/Traction Pin Placement – Gregory Della Rocca, M.D. and Marc J. Richard, M.D.</i>	5:30 – 7:30 P.M.	0101A Duke Clinic Bldg. or Trent Semans Center
FRIDAY, July 21, 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 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
Trauma Indications Conference	7:00 – 7:30 A.M.	Room 2W92 DMP
Sports Medicine Team Meeting – Faculty and Fellows	6:15 – 7:00 A.M.	Stedman Auditorium 3475 Erwin Road
Sports Medicine Conference <i>No Conference</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, July 24, 2017		
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, July 25, 2017		
Specialty Core <i>Arthroplasty Perioperative Management – Michael P. Bolognesi, M.D. and Samuel S. Wellman, M.D.</i>	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
Hand and Upper Extremity Conference <i>No Conference</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>Patient Safety Conference – Andrew R. Harston, M.D., Ryan P. Mulligan, M.D., and Matthew G. Stewart, M.D.</i>	6:30 – 7:15 A.M.	2125 ASC Conference Foom
Musculoskeletal Radiology-Pathology Conference	7:30 – 8:30 A.M.	1512 Duke North Radiology
ANNOUNCEMENTS		

REFERENCES – GRAND ROUNDS CONFERENCE

Keeping it Straight: Identifying at Risk Curves in Adolescent Idiopathic Scoliosis – David M. Tainter, M.D.

1. Little DG, Song KM, Herring JA. Relationship of Peak Height Velocity to Other Maturity Indicators in Idiopathic Scoliosis in Girls. J Bone Joint Surg Am. 2000 May;82(5):685-93
2. Lonstein JE, Carlson JM. The Prediction of Curve Progression in Untreated Idiopathic Scoliosis During Growth. J Bone Joint Surg Am. 1984 Sep;66(7):1061-71.
3. Sanders JO, Browne RH, McConnell SJ, Margraf SA, Cooney TE, Finegold DN. Maturity Assessment and Curve Progression in Girls with Idiopathic Scoliosis. J Bone Joint Surg Am. 2007;89:64-73.
4. Sitoula P, Verma K, Holmes L Jr., Gabos PG, Sanders JO, Yorgova P, Neiss G, Rogers K, Shah SA. Prediction of Curve Progression in Idiopathic Scoliosis. Validation of the Sanders Skeletal Maturity Staging System. Spine (Phila Pa 1976). 2015 Jul 14;40(13):1006-13.
5. Urbaniak JR, Schafer WW, Stelling FH 3rd. Iliac Apophyses. Prognostic Value in Idiopathic Scoliosis. Clin Orthop Relat Res. 1997;116:80-5.

Charcot Marie Tooth – Evan M. Guerrero, M.D.

1. Not Available
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- 4.
- 5.

Management of Segmental Bone Defects – Tyler J. Vovos, M.D.

1. Mauffrey, Cyril, Brian Thomas Barlow, Wade Smith. Management of Segmental Bone Defects. Journal of the American Academy of Orthopaedic Surgeons 23.3(2015):143-153.
2. Niiikura, Takahiro et al. Causative Factors of Fracture Nonunion: The Proportions of Mechanical, Biological, Patient-Dependent, and Patient-Independent Factors. Journal of Orthopaedic Science 19.1 (2014): 120-124.
3. Dimitriou, Rozalia et al. Complications Following Autologous Bone Graft Harvesting from the Iliac Crest and Using the FIA: A Systematic Review. Injury 42(2011): S3-S15.
4. Termaat, MF, et al. Bone Morphogenetic Proteins. The Journal of Bone & Joint Surgery 87.6 (2005):1367-1378.
5. Masquelet, Alain C., Thierry Begue. The Concept of Induced Membrane for Reconstruction of Long Bone Defects. Orthopedic Clinics of North America 41.1 (2010):27-37.

