

ORTHOPAEDIC GRAND ROUNDS CONFERENCE

Wednesday, August 16, 2017
103 Bryan Research Building
6:30 A.M. – 7:30 A.M.

6:30-6:50 A.M. Orthopedic Manifestations of Spinal Muscular Atrophy - Travis J. Dekker, M.D.
6:50-7:10 A.M. Hook of Hamate Fractures in Baseball Players – Colin T. Penrose, M.D.
7:10-7:30 A.M. Ossification of the Posterior Longitudinal Ligament – Jordan L. Liles, 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. Dekker, Penrose and Liles have nothing to disclose. .

WEDNESDAY, August 16, 2017		
Core Rounds	7:30 – 8:20 A.M.	103 Bryan Research Building
<i>QI – Studying Quality and Improving It</i>		
Hand and Upper Extremity Anatomy Lab <i>ABMS Anatomy Study (Fellows Only)</i>	5:30 – 7:00 P.M.	0044A Duke Clinic Bldg.
THURSDAY, August 17, 2017		
Fracture/Trauma Board Rounds	6:00 – 6:30 A.M.	1515 Duke North Radiology
Fracture/ Trauma Conference <i>Pelvic Ring Disruptions</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>Lab: Proximal Femur Fractures – Rachel M. Reilly, M.D.</i>	5:30 – 7:30 P.M.	Human Fresh Tissue Lab
FRIDAY, August 18, 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, August 21, 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, August 22, 2017		
Specialty Core <i>Internal Derangement of the Knee: Evaluation & Management (Meiniscal Injury, OCD, OA) Jonathan C. Riboh, M.D.</i>	6:15 – 7:15 A.M.	Trent Semans Center Great Learning Hall
Hand and Upper Extremity Conference <i>Principles of Soft-Tissue Reconstricton of the Upper Extremity – Suhail K. Mithani, M.D.</i>	6:30 – 7:15 A.M.	0400 North Pavilion, Lower Level
Foot and Ankle Conference <i>Midfoot Arthritis – James K. DeOrio, 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		
<i>August 22, 2017 – Total Joint Lab Featuring the Vanguard 360 Revision Knee System. 5:30 p.m. Location TBD.</i>		

REFERENCES – GRAND ROUNDS CONFERENCE

Orthopedic Manifestations of Spinal Muscular Atrophy - Travis J. Dekker, M.D.

1. Wang CH et al: Consensus Statement for Standard of Care in Spinal Muscular Atrophy. J Child Neurol 2007;22(9):1027-1049
2. Brown et al: Surgical and Functional Results of Spine Fusion in Spinal Muscular Atrophy. Spine 1989;14(7):763-770
3. McElroy et al: Growing Rods for Scoliosis in Spinal Muscular Atrophy: Structural Effects, Complications and Hospital Stays. Spine 2011;36(16):1305-1311
4. Sponseller PD, Yang JS, Thompson GH, et al. Pelvic Fixation of Growing Rods: Comparison of Constructs. Spine (Phila Pa 1976)2009;34(16):1706-1710
5. Modi HN, Suh SW, Hong JY, Cho JW, Park JH, Yang JH: Treatment and Complications in Flaccid Neuromuscular Scoliosis (Duchenne Muscular Dystrophy and Spinal Muscular Atrophy) with posterior-only pedicle screw instrumentation. Eur Spine J 2010;19(13):384-393.

Hook of Hamate Fractures in Baseball Players – Colin T. Penrose, M.D.

1. Bashoura A, Wroblewski A, Jacoby SM, Osterman AL & Clup RW. (2013). Hook of Hamate Fractures in Competitive Baseball Players. Hand (N Y), 8(3), 302-307. Doi: 10.1007/s11552-013-9527-4.
2. Bishop AT & Beckenbaugh RD (1998). Fracture of the Hamate Bone. J Hand Surg Am, 13(1), 135-139.
3. Demirkan F, Calandruccio JH & Diangelo D (2003). Biomechanical Evaluation of Flexor Tendon Function after Hamate Hook Excision. J Hand Am, 28(1), 138-143. Doi:10.1053/jhsu.2003.5005
4. Failla, JM. (1993). Hook of Hamate Vascularity: Vulnerability to Osteonecrosis and Nonunion. J Hand Surg Am, 18(6), 1075-1079. doi:10.1016/0363-5023(93)90405-r.
5. Guss MS, Begly JP, Ramme AJ, Taormina DP, Rettig ME & Capo JT (2017). Performance Outcomes After Hook of Hamate Fractures in Major League Baseball Players. J Sport Rehabil, 1-4, doi:10.1123/jsr.2017-0071

Ossification of the Posterior Longitudinal Ligament – Jordan L. Liles, M.D.

1. Epstein N; Ossification of the Cervical Posterior Longitudinal Ligament: A Review. NeurosurgFocus 13(2):ECP1, 2002
2. Matsuoka T, Yamaura, Kurosa Y, Nakai O, Shindo S, Shinomiya K: Long-term Results of the Anterior Floating Method for Cervical Myelopathy Caused by Ossification of the Posterior Longitudinal Ligament. Spine 26:241-248, 2001
3. Epstein NE: Diagnosis and Surgical Management of Ossification of the Posterior Longitudinal Ligament. ContempNeurosurg 14:1-6, 1992
4. An H, Laitth A, Kurd M: Surgical Treatment of Ossification of the Posterior Longitudinal Ligament in the Cervical Spine. JAAOS 2014;22:420-419
5. Chang H, Kong CG, Won HY, Kim JH, Park JB: Inter-and-Intra-Observer Variability of a Cervical OPLL Classification Using Reconstructed CT Images. ClinOrthopSurg2010;2(1):8-12.

