

HEIDI MARTIN HULLINGER, MD, FAAOS

CREDENTIALS

Attending Physician with New Jersey Spine Specialists

Assistant Clinical Professor of Orthopaedics, Rutgers University-NJMS

Privileges at:

Overlook Hospital, Summit NJ

HackensackUMC Medical Center, Hackensack NJ

HackensackUMC-Mountainside, Montclair NJ

University Hospital, Newark NJ

Board Certified, American Board of Orthopaedic Surgery, August 2016

EDUCATION

UTH/Texas Medical Center Spine Fellowship, Aug 2013-July 2014. Graduation July 2014

UMDNJ-NJMS (Rutgers) Orthopaedic Residency, Newark NJ. Graduation June 2013

Baylor College of Medicine, Houston, Texas. Graduation May 2008

Duke University, Durham, North Carolina

Bachelor of Science in Biology, with distinction May 2004

Minor: Political Science

Magna Cum Laude

AWARDS/DISTINCTIONS

NJ Monthly/Jersey Choice “Top Doctors”: 2019, 2020

NJ Top Docs: 2018, 2019, 2020

Castle Connolly “Top Doc” and “Exceptional Woman in Medicine,” 2019, 2020

Becker’s Spine Surgery Leaders to Know: Jan 2018, Sept 2016

Vitals “Patient’s Choice Award”: 2015, 2017

Alpha Omega Alpha, Spring 2008

Phi Beta Kappa, Fall 2004

Beckman Scholars Program (*provided funding for two years scientific research for 26 undergraduates throughout the nation*), Spring 2002

Duke University Dean’s List with Distinction for 6 semesters, Fall 2001 – Spring 2004

National Merit Scholar, Spring 2000

National AP Scholar, Spring 2000

BOOK CHAPTERS

Hullinger H, Marco RA. Ch 224: “Metastatic Tumors of the Spine” *Chapman’s Comprehensive Orthopaedic Surgery*. Ed. James MA, Chapman MW. Philadelphia: Jaypee Brothers Medical Publishers. *February 2019*

Hullinger H, Marco RA. Ch 50: “Complications of Thoracolumbar Instrumentation.” *Spinal Instrumentation, 2nd ed*. Ed. Kim D, Vaccaro A, Fessler RG, Radcliff K. New York: Thieme Publishers. *December 2017*.

Hullinger H, Marco RA. Ch 7: "Bowel/Bladder Incontinence, Retention, and Saddle Anesthesia" *Differential Diagnosis in Spine Surgery*. Ed. Vaccaro A, Koerner J. Philadelphia: Jaypee Brothers Medical Publishers. July 2016.

Hullinger H, Marco RA. Ch 10: "Adolescent Idiopathic Scoliosis: Techniques" *Recent Advances in Spinal Surgery*. Ed. Vaccaro A, Kim D, Koerner J. Philadelphia: Jaypee Brothers Medical Publishers. May 2016.

ARTICLES

Hullinger H, Chaudhary SB, Vives MJ. "Thoracolumbar burst fracture." *Orthopaedia Articles*. In: *Orthopaedia - Collaborative Orthopaedic Knowledgebase*. May 02, 2011.

Chaudhary SB, Hullinger H, and Vives MJ. "Management of Acute Spinal Fractures in Ankylosing Spondylitis." *ISRN Rheumatology*, vol. 2011, Epub Jun 30.

Sabharwal S, Apazidis A, Zhao C, Hullinger H, Vives M "Comparison of Intraoperative Supine and Postoperative Standing Radiographs after Posterior Instrumentation for Adolescent Idiopathic Scoliosis." *J Pediatr Orthop B*. Nov 2011; 20(6):389-96.

Chu T, Hullinger H, Oberdick J. "Spatial and Temporal Changes in Natural and Target Deprivation-Induced Cell Death in the Mouse Inferior Olive." *J. Neurobiology*, 43:1, 18-30, April 2000.

PRESENTATIONS

"Optimizing Lateral Sagittal Correction and Anterior-Posterior Interbody Loading: In Vitro Biomechanical Assessment of Effect of Implant Lordosis and Height on Endplate Loading and Segmental Lordosis" H Hullinger, J Harris, M Hussein, N Klocke, R Marco, B Bucklen. North American Spine Society (NASS) Podium Presentation, Sept 28, 2019.

"Optimizing Lateral Sagittal Correction and Anterior-Posterior Interbody Loading: In Vitro Biomechanical Assessment on Effect of Implant Lordosis and Height on Endplate Loading and Segmental Lordosis" H Hullinger, J Harris, B Bucklen, R Marco. Society of Lateral Access Surgery (SOLAS), May 16-18, 2019.

"Evaluation and Management of Spinal Issues: An MD Perspective" H Hullinger. Lecture, Rutgers Physical Therapy. Feb 25, 2019.

"Identifying Red Flags During Workup of Spinal Issues and Management of Spinal Metastases/Tumors" H Hullinger. Atlantic Health Symposium: "Spine 2017: Stop Waiting, Start Healing- Managing the Spine Patient." Nov 4, 2017.

"In-Vitro Analysis of Hyperlordotic Lateral Interbody Spacers and their Potential for Lordosis Change: A Correlation Between Interbody Height and Angle." H Hullinger, M Hussain, N Klocke, B Bucklen, S Jenkins, J Hao. Poster Presentation, North American Spine Society Annual Meeting, October 26-29, 2016.

"The Geometry of Hyperlordotic Interbody Spacers Can Lead to Anterior Lip Loading" H Hullinger, M Hussain, N Klocke, J Hao, R Marco, B Bucklen. Poster Presentation, Eurospine. October 5-7, 2016.

"What to Expect in Your First Year of Practice" Member of discussion panel. IEP Spine Fellows Course, Nov 22, 2015.

“The ALL Biomechanically Affects Lateral Hyperlordotic Interbody Spacer Lordosis Correction” H. Hullinger, N Klocke, M Hussain, B Bucklen, S Jenkins, Y Cai, R Marco. Podium Presentation, North American Spine Society Annual Meeting, October 16, 2015.

“Hyperlordotic Lateral Interbody Spacers: Does Angulation Matter for Lordosis Correction? A Fluoroscopic Biomechanical Study” H. Hullinger, N Klocke, M Hussain, S Jenkins, B Bucklen, Y Cai, R Marco. ePoster Presentation, North American Spine Society Annual Meeting, October 14-18th, 2015.

“Evaluation and Management of Metastatic Disease of the Spinal Column” Medical Grand Rounds, HackensackUMC Mountainside Hospital. April 2, 2015.

“Update on Trends in Medical Education Across the Continuum” Expert on panel discussion. Moderator P. Wallach. NBME Annual Meeting, April 4, 2013.

“Intraoperative versus Postoperative Radiographs Following Instrumentation for Idiopathic Scoliosis.” A. Apazidis, C. Zhou, H. Hullinger, M. Vives, S. Sabharwal. Paper Presentation, AAOS Annual Meeting 2011, Feb 15-19, 2011.

"Shoulder Arthrodesis for Recurrent Instability." H. Hullinger, J. Tauro. New Jersey Orthopaedic Society Fall Symposium. Nov. 11, 2010.

“Is it More Painful to Kneel on an Unresurfaced Patella?” H. Hullinger, M. Conditt, S. Isamaily, P. Noble, B. Parsley, K. Mathis. Poster Presentation, ORS Annual Meeting 2008, Mar. 2-5, 2008.

“Does Reduced Femoral Rollback Inhibit Kneeling?” H. Hullinger, M. Conditt, S. Isamaily, P. Noble, B. Parsley, K. Mathis. Poster Presentation, ORS Annual Meeting 2008, Mar. 2-5, 2008.

“Does Reduced Femoral Rollback Inhibit Kneeling?” H. Hullinger, M. Conditt, S. Isamaily, P. Noble, B. Parsley, K. Mathis. Poster Presentation, James K. Alexander Research Symposium, Houston TX, Feb. 7, 2008. Awarded Outstanding Clinical Research Poster of Symposium.

“What Limits Kneeling After TKA?” M. Conditt, H. Hullinger, S. Isamaily, N. Kulkarni, B. Devers D. Le, P. Noble, B. Parsley. Poster Presentation, AAOS Annual Meeting 2007. February 14-18, 2007.

“Knee Kinematics During High Demand Activities.” M. Conditt, M. Thompson, T. Wenk, C. Holden, E. Huang, H. Hullinger, S. Isamaily, P. Noble, D. Dalury, A. Urquhart. Paper Presentation, AAOS Annual Meeting 2006. March 22-26, 2006.

“Kneeling Discomfort after Total Knee Arthroplasty.” S. Isamaily, R. Maheshwari, M. Conditt, H. Hullinger, C. Holden, N. Kulkarni, P. Noble. Paper Presentation, ORS Annual Meeting 2006. March 22-26, 2006.

“Effects of Exogenous Conditions on 3-Dimensional Biological Constructs for Functional Tissue Engineering of Cartilage” H. Hullinger, B. Estes, F. Guilak. 2004 Duke Biology Department Honors Thesis Poster Presentation. April 22, 2004.

“Using *Saccharomyces cerevisiae* as a Model to Investigate the Role of Human NAD Kinase” H. Hullinger, K Shianna, D. Marchuk. Poster Presentation, 2003 Beckman Symposium. July 24-26, 2003.

LEADERSHIP/POLICY EXPERIENCE

Member of NASS Payor-Policy Review Committee, app. June 2019 (3 year term).

Member of NASS Coverage Committee, app. June 2019 (3 year term)

Member of NASS Advocacy Council, app. Dec 2019 as liaison to AMA

Peer Reviewer, Orthopaedic Research and Education Foundation (OREF) Grants, Summer 2018, Fall 2019, Spring 2020

- Review grant proposals submitted for OREF funding, submit critiques/ratings

AAOS Delegate to American Medical Association House of Delegates (AMA-HOD), June 2018 to current

- Stood in for delegate unable to attend annual meeting to serve as voting delegate to HOD June 2018
- Elected for term as full delegate fall 2018, starting Nov 2018 Interim Meeting

Screening Reviewer, Stemmler Medical Education Research Fund Committee, NBME, Summer 2018

- Perform initial screening for the letters of intent prior to full committee review (see below regarding full committee)

Member of Stemmler Medical Education Research Fund Committee, NBME, June 2011-2017

- Determine distribution of grants for research on innovative forms of assessment

Member of NBME Nominating Committee, June 2012-Mar 2013

- Selected At-Large Members, members & officers of Executive Board

Member of Reference Committee, AMA-RFS, Nov. 4-6, 2010

- Evaluated policy arguments and distilled them into recommendations for the AMA-RFS

AMA-RFS Delegate to NBME, June 2009-April 2014

TMA Student Delegate to Texas' AMA Delegation, Spring 2007-Spring 2008

- Voting member of Texas' AMA delegation

AMA Student Section Co-leader, Innovations in Medical Education Task Force, October 2007-June 2008

- Oversee a group responsible for contacting 30 schools regarding innovative curricular changes, as part of an initiative to gather information from all schools and prepare a report for use by interested parties

AMA Student Section Chair, Committee on Medical Education, November 2007-June 2008

- Oversaw projects on transparency of medical school tuition, interprofessional education, and assessment of clinical skills exam

AMA Student Section Vice Chair, Committee on Medical Education, Summer 2007-November 2007

- In charge of report on medical liability coverage gaps for students doing away rotations

AMA Student Section Region 3 Vice Chair, Summer 2006-Summer 2007

- Responsible for legislative agenda for Region 3, covering six states

President of Baylor AMA Student Chapter, Fall 2004-Fall 2005

- AMA Medical Student Chapter of the Year, Spring 2005
- TMA Medical Student Chapter of the Year, Spring 2005

Orthopedic Liaison, Student Surgical Society, Spring 2005-Spring 2007

- Organized casting and splinting clinic for students, Spring 2005 & Spring 2006
 - Brought in speakers on orthopedic surgery
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ADDITIONAL EXTRACURRICULARS, EXPERIENCES

NYAC Racing Team, Summer 2008-current

- Sponsored by New York Athletic Club to compete around the country
- Top club in NYRR in 2008-2019 based on points standings

- Nominated for NYRR Runner of the Year, 2011, 2015

AMPAC Campaign School, April 9-13 2008

- Simulated Campaign for US House of Representatives
- Worked with Professional Campaign Experts in Washington DC

Varsity Track and Cross Country, Duke University, Fall 2000 – Summer 2004

- Varsity Team Member for 2002 and 2003 NCAA Cross Country Championships
- Qualifier and Participant in 2004 NCAA Track Championships, 10000m; 14th place