

Michael A. Herbenick, M.D.

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CURRENT POSITION

Assistant Professor of Orthopaedic Surgery and Sports Medicine
Wright State University School of Medicine, Department of Orthopaedic Surgery
Miami Valley Hospital, Dayton, Ohio

EDUCATION

- | | |
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| 2005-2006 | Kerlan-Jobe Orthopedic Clinic
Los Angeles, California
Sports Medicine Fellow |
| 2000 - 2005 | Wright State University School of Medicine
Department of Orthopaedic Surgery
Dayton, Ohio
Orthopaedic Surgery Resident |
| 1996 - 2000 | Wright State University School of Medicine
Fairborn, Ohio
Doctor of Medicine
Alpha Omega Alpha |
| 1992 - 1996 | University of Dayton
Dayton, Ohio
Bachelor of Science in Biology
Magna Cum Laude
Alpha Epsilon Delta Honor Society
Golden Key National Honor Society |

BOARD CERTIFICATION

Board Eligible Orthopaedic Surgeon; American Board of Orthopaedic Surgeons 2005

CURRENT RESEARCH

Publications

Herbenick, M., D. Sprott, H. Stills, and M. Lawless. The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model. Accepted for publication American Journal of Orthopedic Surgery, August 28, 2007

Herbenick M., J. King, G. Altobelli, B. Nguyen, and L. Podesta. Injury Patterns in Professional Arena Football. Accepted for publication to American Journal of Sports Medicine, June 25, 2007

Herbenick M., K. Siebuhr, R. Finnan, and M. Prayson. An Alternative Direction to Proximal Locking in Retrograde Femoral Nails. Accepted for publication in Journal of Orthopedics, February 27, 2007

Herbenick M., and R. Gambardella. Revision Anterior Cruciate Ligament Reconstruction Using a Milagro™ Screw for Malpositioned Tunnels. Accepted to American Journal of Orthopedic Surgery, August 28, 2007

Herbenick, M., and R. Lakatos. "General Principles of Internal Fixation," www.emedicine.com; August 2006.

Barnett, S., J. Deerhake, **M. Herbenick**, and S. Nelson. Pathogenic Puzzles [CD-ROM] (Wright State University, 1999).

Ongoing Clinical Research

Herbenick, M., Edwards, K., and A. Krishnamurthy. Anatomic Capsular Repair to Prevent Total Hip Dislocation: A motion sparing surgical technique. Data being updated with manuscript complete.

Anloague, P., J. Turri, S. Flowers, B. Heller, and **M. Herbenick**. The Effect of Patellar Taping on Patellar Position as Determined by Fluoroscopy in Patients with Pateolofemoral Pain Syndrome. Manuscript in process of completion.

Gorman M., J. Rubino, **M. Herbenick**, and L. Crosby. Incidence of Restore® patch rejection reaction in rotator cuff repair augmentation. Manuscript in process of completion.

Herbenick, M., O. Limpisvasti, K. Mohr, A. Aguinaldo, N. ElAttrache. Biomechanical Effectiveness of the KJOC CAP Neuromuscular Training Program in Youth Female Athletes. Manuscript in process of completion.

Gorman, M., **M. Herbenick**, O. Limpisvasti, K. Mohr, N. ElAttrache. Assessment of Lower Extremity Stability with a Dynamic Trendelenberg Test. Manuscript in process of completion.

Herbenick, M., D. Sprott, P. Anloague, and M. Lawless. Assessment of Knee Range of Motion Using Contralateral Lower Extremity Anatomical Landmarks. Data collection ongoing.

Peters, P., L. Rubino, **M. Herbenick**, M. Lawless, and P. Anloague. Inter-rater and Intra-rater reliability of hyperextension and maximal flexion: analysis of visual estimation compared to radiographic measurements. Data collection ongoing.

Herbenick, M., P. Anloague, and J. Rubino. Multifactorial Assessment of the Overhead Athlete. Data collection ongoing.

Herbenick, M., J. Rubino, and P. Anloague. Structural and Functional Outcomes of Suture Bridge Rotator Cuff Repairs. Data collection ongoing.

Herbenick, M., J. Davis, B. Greer, J. Rubino, and M. Siskosky. Multi-center Clinical Outcomes of Suture Bridge Rotator Cuff Repair. Data collection ongoing.

Spees, V., **M. Herbenick**, and P. Anloague. Anatomic Position of the Suprascapular Nerve as Determined by Ultrasound. Background and literature search in process.

Finnan, R., **M. Herbenick**, and M. Prayson. Case Report and Clinical Outcome of Pubic Symphysis Disruption with Bladder Extravasation. Data collection ongoing.

M. Herbenick. Mechanical Strength of Lateral Capsule and Deep MCL Repairs with a Suture Bridge Technique. Background and literature search in process.
Edwards, K., **M. Herbenick**, and J. Rubino. Mechanical strength of two constructs for distal third clavicle fractures and coracoclavicular ligament disruptions. Background and literature search in process.
Herbenick, M., and L. Crosby. Clinical Outcomes of Shoulder Patients with Greater Tuberosity Cysts on MRI. IRB approval pending.

GRANTS

Wright State University School of Medicine Seed Grant: 10,000
Dayton Area Graduate Medical Education Consortium Grant: 2,500
Miami Valley Hospital Research Grant: 1,000
InSCOPE Fellowship Grant: 20,000

PRESENTATIONS

“Evaluation and Treatment of Shoulder Instability” Middletown Regional Hospital Sports Medicine Symposium, Cincinnati, Ohio; June 16, 2007.
“Knee Bracing: Clinical Indications and Use in the Young Athletic Population,” Orthotics and Prosthetics Symposium, Dayton, Ohio; March 9, 2007.
“Management of the Contact Athlete’s Shoulder,” Pre-season Football Trainer’s Symposium, Dayton, Ohio; August 21, 2006.
“The Overhead Athlete’s Shoulder,” Greater Dayton Area Trainer’s Association, Dayton, Ohio; August 1, 2006.
“Biomechanical Effectiveness of the KJOC CAP Neuromuscular Training Program in Youth Female Athletes,” AOSSM Kerlan-Jobe Fellow’s Day, Hershey, Pennsylvania; July 8, 2006.
“Current Treatment of the Stiff Shoulder,” Kerlan-Jobe Orthopaedic Clinic Grand Rounds, Los Angeles, California; February 22, 2006.
“Current Thoughts on the Evaluation and Treatment of Full Thickness Rotator Cuff Tears,” Kerlan-Jobe Orthopaedic Clinic Grand Rounds, Los Angeles, California; December 7, 2005.
“SLAP Tears and Pathologic Biceps Lesions,” Dayton Area Grand Rounds, Dayton, Ohio; May 4, 2005.
“Dislocation Rate Following Primary Total Hip Arthroplasty with a Posterolateral Approach and Capsular Repair,” Mid-America Orthopaedic Association Annual Meeting, Palm Springs, California; April 16, 2004.
“The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model,” Mid-America Orthopaedic Association Annual Meeting, Palm Springs, California; April 15, 2004.
“The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model,” American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California; March 10-14, 2004.
“The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model,” Orthopaedic Trauma Association Annual Meeting, Salt Lake City, Utah; October 9, 2003.

“The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model,” Ohio Orthopaedic Society, Cincinnati, Ohio; May 10, 2003.

“The Effects of a Cyclooxygenase-2 Inhibitor on Fracture Healing in a Rat Model,” Dayton Area Graduate Medical Education Consortium, Dayton, Ohio; April 24, 2003.

“The Effects of Anti-inflammatories on Fracture Healing in a Rat Model,” Dayton Area Orthopaedic Grand Rounds, Dayton, Ohio; February 26, 2003.

“Pediatric Shoulder Fractures and Dislocations,” Children’s Medical Center, Dayton, Ohio; August 15, 2002.

“Hip Fractures,” Dayton Area Orthopaedic Nurses Meeting, Dayton, Ohio; April 13, 2002.

“Lumbar Discogram: A Study on the Utility of Discography in Clinical Practice,” Ohio Orthopaedic Society, Cleveland, Ohio; July 2001.

HONORS

Recipient, Dayton Area Graduate Medical Education Consortium Resident Research Award: Second Place (2005)

Inductee, American Orthopedic Association Emerging Leaders Program (2005)

Participant, AOA-OREF-Zimmer Resident Leadership Forum (2004)

Recipient, Miami Valley Hospital Research Paper Award (2004)

Recipient, American Academy of Orthopaedic Surgeons Annual Meeting: First Place; Research Poster Competition, Trauma Category (2004)

Recipient, Zimmer Resident Scholar Award: First Place Ohio Orthopaedic Society Meeting (2003)

Recipient, Hobart E. Klaaren, M.D. Basic Science Award (2003, 2004)

Recipient, Dayton Area Graduate Medical Education Consortium Resident Research Award: First Place (2003)

Recipient, Zimmer Resident Scholar Award: Second Place Ohio Orthopaedic Society Meeting (2001)

Alpha Omega Alpha Honor Medical Society (2000)

Recipient, Orthopaedic Surgery Clerkship Award (2000)

Finalist, Academy of Medicine Award (1999)

Recipient, Wright State University School of Medicine Scholarship (1997)

Recipient, Wright State University School of Medicine Merit Scholarship (1997-99)

Montgomery County Premedical Student of the Year (1996)

AFFILIATIONS

Wright State University Boonshoft School of Medicine, Nominating Committee Member, (2008-present)

Miami Valley Hospital, Surgical Case Review Committee Member, (2008-present)

University of Dayton Doctorate of Physical Therapy Advisory Council, Member (2007-present)

Wright State University Department of Orthopaedic Surgery Research Committee, Member (2006-present)

Wright State University, Orthopaedic Surgery Team Physician (2006-present)

Loyola Marymount University, Orthopaedic Surgery Team Physician (2005-2006)

American Orthopaedic Association, Emerging Leader Program Member (2004-present)
Journal of Arthroscopy, Reviewer (2005-present)
American Academy of Orthopaedic Surgeons, Candidate Member (2000-present)
The American Orthopaedic Society for Sports Medicine, Member (2007-present)
Ohio Orthopaedic Society, Member (2006-present)
Montgomery County Medical Society, Member (2006-present)