

Brian R. Hamlin, MD
Curriculum Vitae

Current Position

Assistant Professor
Head, Section of Adult Reconstruction
Department of Orthopaedic Surgery
West Virginia University School of Medicine
Morgantown, WV
August 2006 to Present

Job Experience

Private Practice
Warren, PA
August 2003 to July 1 2005

Military Practice
1st Fighter Wing Hospital
Langley Air Force Base
Chief of Orthopedics
Hampton Veteran Affairs Hospital
August 1999 to July 2003

Education

Adult Reconstruction Fellowship	Virginia Commonwealth University Health System Richmond, VA August 2005 to July 2006
Orthopedic Residency	Mayo Graduate School of Medicine Rochester, MN June 1994 to June 1999
Medical Degree	University of Texas Southwestern Medical School Dallas, Texas August 1990 to June 1994 AOA
Bachelor of Arts	Washington & Jefferson College Washington, PA August 1986 to May 1990 Major: Biology Cum Laude

Examinations

American Board of Orthopedic Surgery Part I Passed July 1999
Part II Passed July 2001

Publications

Hamlin, B.R.; Barrett, M.: and Jiranek W.A. The Role of Computer Assisted Surgery in Minimally Invasive Joint Replacement Surgery. *Seminars in Arthroplasty*, Vol. 16, No. 3: 239-247, 2005.

Hamlin, B.R. and Morrey, B.F. Retention of All-polyethylene Acetabular Components After Femoral Revision in Cemented Total Hip Arthroplasty. *The Journal of Bone and Joint Surgery*, 83-A: 1700-05, 2001.

Hamlin, B.R.; Duffy, G.P.; Trousdale, R.T.; and Morrey, B.F. Total knee arthroplasty in patients who have pigmented villonodular synovitis. *The Journal of Bone and Joint Surgery*, 80-A: 76-82, 1998.

Academic Presentations/Posters

Hamlin, B.R. and Jiranek, W.A. High early failure rate of an all-polyethylene tibial component used in unicondylar arthroplasty. Presented at the American Academy of Orthopedic Surgeons San Diego, CA February 2007.

Hamlin, B.R., Fern, S., Owen, J., Wayne, J., and Jiranek, W. A. Does medial "stuffing" lead to lateral overload? A biomechanical evaluation of medial unicondylar arthroplasty. Presented at Medical College of Virginia/Virginia Commonwealth University Orthopedic Residents Research Day Richmond, Va June 2006 *Awarded First Place for Best Research Project*

Hamlin, B.R. and Jiranek, W.A. Management of Acetabular Fracture with a Delayed Presentation: A Case Report. Presented at the Second Annual Joint Arthroplasty Young Investigators Conference Chicago, Ill March 2006

Ramage, S.C., Jones, P., Li, M., Hamlin, B., Jiranek, W.A., and Beckman, M.J. RANKL Emanates from a Multinuclear Cell Type in the Periprosthetic Membrane. Poster presentation at the Orthopedic Research Society Chicago, Ill March 2006

Hamlin, B.R. and Morrey, B.F. Retention of All-polyethylene Acetabular Components After Femoral Revision in Cemented Total Hip Arthroplasty. Presented at the American Academy of Orthopedic Surgeons Anaheim, CA February 1999.

Hamlin, B.R.; Duffy, G.P.; Trousdale, R.T.; and Morrey, B.F. Total knee arthroplasty in patients who have pigmented villonodular synovitis. Presented at the American Academy of Orthopedic Surgeons San Francisco, CA February 1996.

Additional Presentations

“Revision Arthroplasty for Periprosthetic Fractures” West Virginia Orthopaedic Society Mid Winter Meeting. March 3, 2007.

“Advances in Arthroplasty”, Presented at the 32nd Annual Hal Wanger Family Medicine Conference. October 13, 2006.

Licensure

Pennsylvania	January 2003 to Present
Virginia	March 2000 to Present
West Virginia	May 2006 to Present

Organizations

American Academy of Orthopedic Surgery	Fellow 2004
American Association of Hip and Knee Surgeons	2006
West Virginia Orthopaedic Society	2006
West Virginia State Medical Association	2006
Monongalia County Medical Society	2006

Research Projects/Interests

Biomechanical Evaluation of Contact Pressures in Unicompartamental Arthroplasty: Defining the un-resurfaced lateral compartment.
Status: Project Completed. Submitted for publication

Effect of tibial polyethylene thickness on mechanical alignment in unicompartamental arthroplasty
Status: Project Completed. To be submitted for publication

Long term results of the Wagner Femoral Stem for Revision THA

Soft tissue balancing in total knee arthroplasty

Computer Assisted Surgery of the Hip and Knee

Biomechanics of Large femoral heads in relation to hip stability

Prospective Randomized trials investigating new technologies, implants, etc