

**Curriculum Vitae**  
**William Thomas Pennington, M.D.**

**Address**

The Orthopedic Institute of Wisconsin  
3111 W. Rawson Ave., Suite 200  
Franklin, WI 53132  
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**Postgraduate Training**

Orthopedic Surgery Residency Training  
Medical College of Wisconsin  
Department of Orthopedic Surgery  
Milwaukee, Wisconsin  
July 1, 1994 to June 30, 1999  
*Honors:* Elected administrative chief Orthopaedic  
resident 1998-1999.

Shoulder and Knee Reconstruction Fellowship Program  
Eugene M. Wolf, M.D.  
California Pacific Medical Center  
San Francisco, California  
August 1, 1999 to June 30, 2000

Board Certified American Board of Orthopedic Surgery.  
Expires 12/31/2022

Subspecialty Certification in Orthopaedic Sports Medicine  
by the American Board of Orthopaedic Surgery. Expires  
12/31/2021.

**Medical Education**

Medical College of Wisconsin  
Milwaukee, Wisconsin  
M.D. Degree May, 1994  
*Honors:* Elected to the Wisconsin Beta Chapter  
of Alpha Omega Alpha Medical Honor Society

**Undergraduate Education**

University of Wisconsin, Madison, Wisconsin  
*Major Field:* Pharmacology & Toxicology  
*Degree:* Bachelor of Science, May, 1990  
*Honors:* Elected member of Phi Kappa Phi and  
Rho Chi Honor Societies

**Professional  
Appointments**

Clinical Instructor of Orthopaedic Surgery  
Medical College of Wisconsin  
Milwaukee, WI  
Awarded Clinical Instructor of the year award. June, 2008

**Professional Awards**

Elected to Top Doctors List of Orthopedic Surgeons,  
Milwaukee Magazine, February 2012  
  
Received Healthcare Hero Award, Milwaukee BizTimes  
December, 2011

**Memberships**

Diplomate, American Board of Orthopaedic Surgeons  
American Academy of Orthopaedic Surgeons  
Mid-American Orthopaedic Association  
American Medical Association  
State Medical Society of Wisconsin  
Milwaukee Orthopaedic Society  
American College of Sports Medicine

**Sites of Practice**

Midwest Orthopedic Specialty Hospital  
Franklin, WI  
The Surgery Center at Associated Surgical & Medical  
Specialists, Franklin, WI  
Wheaton Franciscan Health Care- St Francis Hospital  
Milwaukee, WI  
Wheaton Franciscan Health Care- Franklin Hospital  
Franklin, WI  
Wheaton Franciscan Health Care- St. Joseph's Outpatient  
Wauwatosa, WI  
Aurora Health Care St. Lukes and St. Lukes South Shore  
Hospitals, Milwaukee, WI

Committee Positions Held:

Executive Board Member The Surgery Center at  
Associated Surgical & Medical Specialists, January 2012 to  
present.

Vice Chief of Staff, Midwest Orthopedic Specialty  
Hospital, July 2010 to present

Operations Committee, Midwest Orthopedic Specialty  
Hospital, August 2009 to present

Pharmacy and Therapeutic Committee, Midwest  
Orthopedic Specialty Hospital, August 2009 to December  
2011

Operations Committee The Surgery Center at Associated  
Surgical & Medical Specialists, January 2008 to December  
2011.

Finance Committee, The Surgery Center at Associated  
Surgical & Medical Specialists. January 2005 to December  
2008.

### **Community Positions**

Board of Trustees, University School of Milwaukee.  
September 2011 to present.

### **Publications**

#### *Book Chapters*

Arthroscopic Management of Posterior Glenohumeral  
Instability. Eugene M. Wolf, M.D. and William T.  
Pennington, M.D. In **An Atlas of Shoulder Arthroscopy**,  
Editors F.Fu, M.D.; A. Imhoff, M.D. and J. Ticker, M.D.  
Martin Dunitz, 2003, 175-180.

#### *Peer Review Articles*

Comparative Analysis of Single Row vs Double Row  
Repair of Rotator Cuff Tears. William T. Pennington,  
M.D.; David J Gibbons, M.D.; Brian A. Bartz, Pa-C;  
Jonathon Klinger, B.S., Maggie Dodd, MPT, James Daun,  
MPT, Brian Butler. *Journal of Arthroscopy and Related  
Research*. 2010 November; 26(11): 1419- 1426.

Arthroscopic Posterior Labral Repair in Athletes: Outcome  
Analysis at 2-Year Follow-up. William T. Pennington,  
M.D.; Mark J. Sytsma, M.D.; David J Gibbons, M.D.;  
Brian A. Bartz, Pa-C; Maggie Dodd, MPT; Jamie Daun,  
MPT; Jonathon Klinger, B.S. *Journal of Arthroscopy and  
Related Research*. 2010 September; 26(9): 1162-1171.

Arthroscopic Coracoclavicular Ligament Reconstruction Utilizing Biologic and Suture Fixation. William T. Pennington, M.D.; David Hergan, M.D.; Brian A. Bartz, PA-C. *Journal of Arthroscopic and Related Surgery*. 2007 July; 23(7):785.

Arthroscopic Glenoid Resurfacing with Meniscal Allograft: A Minimally Invasive Alternative for Glenohumeral Arthritis. William T. Pennington, M.D. and Brian A. Bartz, PA-C. *Journal of Arthroscopic and Related Surgery*. 2005 Dec; 21(12) 1517- 1520.

Purely Arthroscopic Repair of Rotator Cuff Pathology Utilizing a Side to Side Suturing Technique. Long- Term Clinical Results. Eugene, M. Wolf, M.D. and William T. Pennington, M.D. *Journal of Arthroscopic and Related Surgery*. 2005 Jul;21(7):881-7.

Arthroscopic Rotator Cuff Repair: 4 to 10 year Results., Eugene M. Wolf, M.D. and William T. Pennington, M.D. *Journal of Arthroscopic and Related Surgery*, 20(1):5-12, 2004.

The Effect of the Forearm Support Band on Forces at the Origin of The Extensor Carpi Radialis Brevis: A Cadaveric Study and Review of the Literature. Nicholas J. Meyer, M.D.; William T. Pennington, M.D.; Barb Haines, OTR, CHT; and Roger Daley, M.D., PhD. *Journal of Hand Therapy*, 15(2):179-84, 2002.

Arthroscopic Repair of Acromioclavicular Joint Dislocation. A Technique Paper. Eugene M. Wolf, M.D. and William T. Pennington, M.D. *Journal of Arthroscopic and Related Surgery* , 17(5):558-563, 2001.

Photopenic Osteomyelitis: A Clinical Perspective. William T. Pennington, M.D.; Michael P. Mott, M.D.; John G. Thometz, M.D. and John R. Sty, M.D. *Journal of Pediatric Orthopaedics*, 19(6): 695-8, 1999.

## **Presentations**

### *National*

Cold Bone Scan Osteomyelitis: A Clinical Perspective Pediatric Orthopaedic Society of North America annual meeting. May, 1997.

Cold Bone Scan Osteomyelitis: A Clinical Perspective.  
Poster exhibit for American Academy of Orthopaedic  
Surgeons Annual Meeting, New Orleans, LA., March,  
1998.

Cerebral Fat Embolism Syndrome: A Case Report  
William T. Pennington, M.D.; Gregory J. Schmeling, M.D.;  
Nicholas Meyer, M.D.; James Wallace, M.D.  
Henry Meyerding resident essay contest award recipient for  
the American Fracture Association annual meeting 1998.

Flexion Osteotomy for Deformity Correction in Severe  
Slipped Capital Epiphysis. William T. Pennington, M.D.;  
Roger M. Lyon, M.D.; Michael B. Millis, M.D.; Timothy  
Hresko, M.D.; James Mooney, M.D.  
Poster presentation at The American Academy of  
Orthopaedic Surgeons Annual Meeting, Anaheim, CA,  
February, 1999.

Arthroscopic Rotator Cuff Repair: Long Term Clinical  
Results. Eugene M. Wolf, M.D. and William T.  
Pennington, M.D.. 3rd Biennial Shoulder and Elbow  
Meeting, Orlando, FL, April 2002.

Arthroscopic Rotator Cuff Repair: Long Term Clinical  
Results. Eugene M. Wolf, M.D., William T. Pennington,  
M.D. and Vivek Agrawal, M.D. Arthroscopy Association  
of North America Spring Meeting, Washington D.C., April  
2002.

Arthroscopic Rotator Cuff Repair Utilizing A Side to Side  
Suturing Technique. Eugene M. Wolf, M.D., William T.  
Pennington, M.D and Vivek Agrawal, M.D. Computer  
Presentation at the Arthroscopy Association of North  
America Spring Meeting, Washington D.C., April 2002.

Technique and Results of Arthroscopic Coracoclavicular  
Reconstruction. Eugene M. Wolf, M.D., William T.  
Pennington, M.D. and Austin T. Fragomen, M.D.  
Arthroscopy Association of North America 23rd Annual  
Meeting. Orlando, FL, April, 2004.

Arthroscopic Glenoid Resurfacing with Meniscal Allograft:  
A Minimally Invasive Alternative for Glenohumeral  
Arthritis. William T. Pennington, M.D. and Brian A. Bartz,

PA-C. International Cartilage Repair Society 6th Symposium, San Diego, CA, January, 2006.

Arthroscopic Glenoid Resurfacing with Meniscal Allograft: Early Results. William T. Pennington, M.D. and Brian A. Bartz PA-C. Arthroscopy Association of North America 26th Annual Meeting. Hollywood, FL, May, 2006.

Arthroscopic Coracoclavicular Ligament Reconstruction Utilizing Biologic and Suture Fixation- 2 Year Results. William T. Pennington, M.D.; Brian A. Bartz PA-C. Arthroscopy Association of North America 26<sup>th</sup> Annual Meeting. San Francisco, CA, April, 2007.

Early Results for Arthroscopic Rotator Cuff Repair with Mason-Allen Configuration versus Double Row Transosseous Equivalent Technique. William T. Pennington, M.D.; Joshua Neubauer, M.D.; David Gibbons, M.D.; Brian Bartz, PA-C. Arthroscopy Association of North America 27<sup>th</sup> Annual Meeting. Washington D.C., April, 2008.

Functional Outcome and Radiographic Appearance of Single Row versus Double Row Rotator Cuff Repair. William T. Pennington, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, PA-C; Jonathon E. Klinger, B.S. The American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV, February, 2009.

Arthroscopic Glenoid Resurfacing: Results in Patients with Failed Previous Arthroscopic Debridement. William T. Pennington, M.D.; Joseph C. McCormick, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Arthroscopy Association of North America Annual Meeting, San Diego, CA, 2009.

Functional Outcomes and Radiographic Appearance of Single Versus Double Row Rotator Cuff Repair. William T. Pennington, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Arthroscopy Association of North America Annual Meeting, San Diego, CA, 2009.

Outcome Analysis of Arthroscopic Posterior Labral Repair in Athletes. William T. Pennington, M.D.; Mark J. Sytsma, M.D.; David J Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Arthroscopy Association of North America Annual Meeting, San Diego, CA, 2009.

Correlation of Radiographic (MRI) Appearance and Clinical Outcome in Arthroscopic Rotator Cuff Repair. William T. Pennington, MD; Brian L. Butler, Jonathon Klinger, B.S.; Brian A. Bartz, Pa-C; David J. Gibbons, MD. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, LA, March, 2010.

*Regional*

Cold Bone Scan Osteomyelitis: A Clinical Perspective. Mid-American Orthopaedic Association annual conference, Acapulco, MX, April, 1998.

The Glenoid Centering Point as a Tool to Reproduce Glenoid Version During Total Shoulder Arthroplasty. A MRI Study. William T. Pennington, M.D.; Dean W. Ziegler, M.D.; Nicholas J. Meyer, M.D. Presented at the Mid-American Orthopaedic Association annual meeting, Bermuda, 1999.

Arthroscopic Glenoid Resurfacing with Meniscal Allograft: One to Two Year Results. William T. Pennington, M.D. and Brian A. Bartz, PA-C. Mid- American Orthopaedic Association annual meeting, Boca Raton, FL, 2007.

Early Results for Arthroscopic Rotator Cuff Repair with Mason-Allen Configuration versus Double Row Transosseous Equivalent Technique. William T. Pennington, M.D.; Joshua Neubauer, M.D.; David Gibbons, M.D.; Brian Bartz, PA-C. Mid- American Orthopaedic Association annual meeting, Orlando, FL, April, 2008.

Functional Results of Reverse Total Shoulder Arthroplasty as Compared to Arthroscopic Rotator Cuff Repair in Patients Greater Than Age 60. William T. Pennington, M.D.; Timothy I. Mullin, M.D.; Brian A. Bartz, M.D.; David J Gibbons, M.D.; Jonathon Klinger, B.S. Mid-American Orthopaedic Association annual meeting, Amelia Island, FL, April, 2009.

Arthroscopic Glenoid Resurfacing: Results in Patients with Failed Previous Arthroscopic Debridement. William T. Pennington, M.D.; Joseph C. McCormick, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Mid- American Orthopaedic Association annual meeting, Amelia Island, FL, April, 2009.

Functional Outcomes and Radiographic Appearance of Single Versus Double Row Rotator Cuff Repair. William T. Pennington, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Mid- American Orthopaedic Association annual meeting, Amelia Island, FL, April, 2009.

Outcome Analysis of Arthroscopic Posterior Labral Repair in Athletes. William T. Pennington, M.D.; Mark J. Sytsma, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, Pa-C; Jonathon Klinger, B.S. Mid- American Orthopaedic Association annual meeting, Amelia Island, FL, April, 2009.

Correlation of Radiographic (MRI) Appearance and Clinical Outcome in Arthroscopic Rotator Cuff Repair. William T. Pennington, M.D.; David J. Gibbons, M.D.; Brian A. Bartz, PA-C, Brian L. Butler. Mid- American Orthopaedic Association 28<sup>th</sup> Annual Meeting, Austin, TX, April, 2010.

Evaluation of the Clinical Outcome of the Work Injured versus Non-Work Injured Patient Undergoing Arthroscopic Rotator Cuff Repair. William T. Pennington, M.D.; Brian A. Bartz, PA-C, Brian L. Butler. Mid- American Orthopaedic Association 28<sup>th</sup> Annual Meeting, Austin, TX, April, 2010.

*Local*

Cold Bone Scan Osteomyelitis: A Clinical Perspective. Wisconsin Orthopaedic Society annual meeting, Kohler, WI, May, 1997.

Evaluation of Dynamic Radiographs and Lumbar Spine MRI in Symptomatic and Asymptomatic Patients. Wisconsin Orthopaedic Society annual meeting, Kohler, WI, May, 1997.

Cerebral Fat Embolism Syndrome in a Multiple Trauma Patient. Wisconsin Orthopaedic Society annual meeting, Kohler, WI, May, 1998.

The Glenoid Centering Point. An MRI Study of Normal Glenohumeral Anatomy. Wisconsin Orthopaedic Society annual meeting, Green Lake, WI, May, 1999.

Arthroscopic Glenoid Resurfacing with Meniscal Allograft: Early Results. William T. Pennington, M.D. and Brian A. Bartz PA-C. Wisconsin Orthopaedic Society annual meeting, Wisconsin Dells, WI, 2007.

**Meetings**

Instructor Synthes Trauma Operating Room Personnel Educational Course, Froedert Memorial Lutheran Hospital, July, 1998.

Instructor, Anatomy Symposium: Shoulder, Curative Rehabilitation Center, Milwaukee, WI, September, 1998.

Instructor, Anatomy Symposium: Knee & Foot/ Ankle: Curative Rehabilitation Center, Milwaukee, WI, November, 1998.

Instructor 8th Annual Current Issues of Magnetic Resonance Imaging in Orthopaedics and Sports Medicine, The Ritz- Carlton, San Francisco, CA, August, 1999.

Instructor symposium "Upper Extremity Injuries: New Treatment Options, Rehabilitation Alternatives and Cost Containment", California Pacific Medical Center, San Francisco, CA, March, 2000.

Course Chairman in symposium: "Current Concepts in the

Treatment of Cartilage Disorders of the Knee”, The Hilton Conference Center, Milwaukee, WI, May, 2002.

Instructor in Arthroscopic Shoulder Reconstruction, Arthrex Corporate Education Center, April, 2004.

Laboratory Instructor Shoulder Laboratory, Arthroscopy Association of North America Fall Meeting, November, 2006, Palm Desert, CA.

Associate Instructor Arthroscopy Association of North America Masters Shoulder Arthroscopy Course, August, 2007 Orthopaedic Learning Center, Rosemont, IL.

Co- Moderator Shoulder Breakout Symposium, Mid- American Orthopaedic Association annual meeting, April, 2008, Orlando, FL.

Instructor, Advanced Biologic Shoulder Reconstruction Symposium, October, 2009, Chicago, IL.

Instructor, Advanced Biological Solutions for Articular Surfaces Symposium, May, 2010, Milwaukee, WI

Associate Master, Arthroscopy Association of North America Masters Shoulder Arthroscopy Course, January, 2011 Orthopaedic Learning Center, Rosemont, IL.

Director, Advances in Shoulder Reconstruction and Trauma Symposium, Midwest Orthopedic Specialty Hospital, March, 2011, Milwaukee, WI.

Co- Moderator Shoulder Breakout Symposium, Mid- American Orthopaedic Association annual meeting, April, 2011, Tuscon, AZ.