

CURRICULUM VITAE

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HOSPITAL APPOINTMENTS New England Baptist Hospital Boston, MA
Tufts University- Assistant Clinical Professor

TEAM PHYSICIAN New England Free Jacks Rugby

EDUCATION University of Pittsburgh Pittsburgh, PA
Sports Medicine Fellowship, 2003

Mount Sinai Medical Center New York, NY
Orthopaedic Residency, 2002

Mount Sinai School of Medicine New York, NY
Doctor of Medicine, 1997

University of Miami Miami, FL
Post baccalaureate Premedical, 1993

Columbia University New York, NY
Master of Arts, Exercise Physiology, 1991

SUNY Oneonta New York, NY
Bachelor of Science, Nutrition, 1989

HONORS Alpha Omega Alpha Medical Honor Society
OREF Resident Research Award 2nd place
NIH Summer Research Fellowship Award
McGraw Hill Award for Outstanding Fitness Education

GRANTS Research Funding Award- New England Baptist Hospital
2006 & 2013

PROFESSIONAL SOCIETIES American Orthopedic Society Sports Medicine
American Academy of Orthopaedic Surgeons
Arthroscopy Association of North America
American Shoulder and Elbow Society

LICENSURE Board Certified 2005
Massachusetts #216762
New Hampshire #20738

PUBLICATIONS

Lowe JT, Menendez ME, Dasti U, Mahendraraj KA, Miller SL, Ring D, Jawa A. **Patient age affects expectations and outcomes in primary total shoulder arthroplasty for glenohumeral osteoarthritis.** *Seminars in Arthroplasty: JSES* 30(2020) 50-55.

Shambaugh B, Wuertz T, Miller SL. **Does Time from Injury to Surgery Affect Outcomes Following Surgical Repair of Partial and Complete Proximal Hamstring Ruptures?** *Orthop J of Sports Medicine.* 2020

Engler I, Bragg J, Miller SL. **Incidence of Deep-Venous Thrombosis Associated with Proximal Hamstring Rupture.** *Orthop J Sports Med.* 2020 7(12)

Piposar JR, Vinod AV, Olsen JR, Lacerte E, Miller SL. **High Grade Partial and Retracted (<2 cm) Proximal Hamstring Ruptures: Nonsurgical Treatment Revisited.** *Orthop J Sports Med.* 2017 Feb 23;5(2)

Shambaugh B, Kellum E, Olsen, J, Lacerte E, Miller S. **A Comparison of Nonoperative and Operative Treatment of Complete Proximal Hamstring Ruptures.** *Orthop J of Sports Medicine.* *Orthop J of Sports Medicine* 2017 Nov 17;5(11)

Lowe J, Testa E, Miller SL, DeAngelis J, Jawa A. **MRI is comparable to CT for determination of glenoid version but does not accurately distinguish between Walch B2 and C classifications.** *J Shoulder Elbow Surg* 2017 Apr 26 (4): 669-673.

Jawa A, Dasti U, Brown A, Grannatt K, Miller S. **Gender Differences in Expectations and Outcomes for Total Shoulder Arthroplasty: A Prospective Cohort Study.** *J Shoulder Elbow Surg* 2016 Aug 25(8): 1323-1327

Jawa A, Dasti, Fasulo, Vaicikus, Curtis, Miller SL. **Anatomic Total Shoulder Arthroplasty for Patients Receiving Worker's Compensation.** *J Shoulder Elbow Surg* 2015

Harvey M, Singh H, Obopilwe, E, Charette R, Miller SL. **Proximal Hamstring Repair Strength: A Biomechanical Analysis at 3 Hip Flexion Angles.** *Orthop J Sports Med* 2015: 3(4)

Nicholson, Newman, Miller. **Fluoroscopically Guided Peritendinous Corticosteroid Injection for Proximal Hamstring Tendinopathy: A Retrospective Review.** *Orthop J Sports Med.* 2014: 2(3)

Hofmann K, Paggi A, Connors D, Miller SL. **Complete Avulsion of the Proximal Hamstring Insertion: Functional Outcomes After Nonsurgical Treatment.** *JBJS.* 2014;18 (12) 1022-1025

Handling M, Curtis AS, Miller SL. **The Origin of the Long Head of the Triceps: A Cadaveric Study.** *J Shoulder Elbow Surg* 2010;19(1):69-72

Katz L, Hsu SH, Miller SL, Curtis AS. **Poor Outcomes After SLAP Repair: Descriptive Analysis and Prognosis.** *Arthroscopy* 2009;25(8):849-855.

- Merrill A, Guzman K, Miller SL. **Gender Differences in Glenoid Anatomy.** Surgical and Radiological Anatomy. *Surgical and Radiologic Anatomy* 2009; 31(3): 183.
- Miller SL, Webb G. **The Surgical Technique of Proximal Hamstring Repair.** *J Bone Joint Surg.* 2008;Mar supplement
- Miller SL, Webb G, Gill J. **The Proximal Hamstrings and Surrounding Anatomy Encountered During Repair: A Cadaver Study.** *J Bone Joint Surg.* 2007; Jan 89-A:44-48.
- Klepps S, Miller SL, Lin J, Gladstone JN, Flatow EL. **Determination of Radiographic Guidelines for Percutaneous Fixation of Proximal Humerus Fractures using a Cadaveric Model.** *Orthopedics.* 2007; Aug;30(8)636-41.
- Lin JS, Klepps S, Miller SL, Cleeman E, Flatow EL. **Effectiveness of Replacement Arthroplasty with Calcar Grafting for the Treatment of Surgical Neck Non-unions of the Humerus.** *J Shoulder Elbow Surg* 2006; Jan-Feb: 15(1): 12-8.
- Miller SL, Klepps S, Chiang A, Jiang C, Flatow EL. **Incidence of Immediate Radiolucent Lines in Patients Undergoing Total Shoulder Replacement.** *Clin Orthop Related Res.* 2005; Jun(435): 118-25.
- Parsons B, Klepps S, Miller SL, , Byrd J, Gladstone JN, Flatow EF. **The Reliability and Reproducibility of Radiographs of Greater Tuberosity Displacement: A Cadaveric Study.** *J Bone Joint Surg.* 2005; 87(1): 58-65.
- Hazrati Y, Miller SL, Hausman M, Flatow EF. **Suprascapular nerve entrapment by a lipoma.** *Clin Orthop Relat Res* 2003; Jun(411): 124-8
- Miller SL, Gladstone JN, Cleeman E, et al. **Anatomy of the Posterior Rotator Interval: Implications for Cuff Mobilization** *Clin Orthop Relat Res.* 2003; 408: 152-156.
- Miller SL, Hazrati Y, Chang A, Flatow EL. **Loss of Subscapularis Function after Total Shoulder Replacement: A Seldom Recognized Problem** *J Shoulder Elbow Surg* 2003; 12(1): 29-34.
- Miller SL, Hazrati Y, Springfield DS, Flatow EL. **Chronic Shoulder Pain with Frozen Shoulder caused by an Osteoid Osteoma: A Case Report** *J Shoulder Elbow Surg.* 2003; 12(1): 94-96.
- Miller SL, Cleeman E, Auerbach J, Flatow EL. **Intra-articular Lidocaine vs. Intravenous Sedation for Acute Shoulder Dislocations.** *J Bone Joint Surg.* 2002; 84A(12): 2135-2139.
- Miller SL, Hazrati Y, Cornwall R, Hayes P, Gladstone J, Flatow EL. **Failed Surgical Management of Partial Rotator cuff tears.** *Orthopedics* 2002; 25(11); 1255-1257.
- Miller SL, Hausman M. **Distal Biceps Repair: A safe and consistent approach to the bicipital tuberosity.** *Orthopedics.* 2001; 4(2): 113-116.
- Miller SL, Radomisli T, Ulin R. **Inverted Arc Osteotomy and External Fixation for Adolescent Tibia Vara.** *J Ped Orthop.* 2000; 20:450-454.

Miller SL, Hausman M. **Treatment of Humeral Shaft Fracture with Radial Nerve Injury.** *Techniques in Shoulder and Elbow Surg.* 2000; 1(2): 87-95.

Miller SL, Casden A. **Spontaneous Regression of a Herniated Disc: a case report and four-year follow up.** *Bulletin Hosp. J Disease.* 1998; 57(2): 99-101.

CHAPTERS

Ferkel E, Miller SL, Curtis AS. **Posterior and Multidirectional Instability.** AANA Masters in Arthroscopic Shoulder Surgery 2015

Hoffman K and Miller SL. **SLAP tears; The Good , Bad, and Ugly.** World Clinics of Orthopedics 2014

Miller SL, Matteos S, Curtis AS. **Treatment of Calcific Tendonitis.** For Advanced Shoulder Arthroscopy 2009

Hsu SH, Miller SL, Curtis AS. **Long Head of Biceps Tendon Pathology: Management Alternatives.** Clinics in Sports Medicine; 2008: 27(4): 747-762.

Miller SL, Gardiner A, Curtis AS. **Multidirectional and posterior instability.** Operative Arthroscopy 4th edition editor Don Johnson, Lippincott Williams & Wilkins.

Ho J and Miller SL. **Use of Allograft in Athletic Shoulder Injuries** *for* Sports Medicine and Arthroscopy; 2007.

Miller SL, Flatow EL. **Shoulder Pain in the Golfer** *in* Golf Over the Age of 50. Holtzbrinck Publishers; 2006; 99-114.

Gill JL and Miller SL. **The Female Athlete: Special Considerations** *for* Orthopedic Surgery Essentials: Orthopedic Sports Medicine; Lippincott; 2006; 51-57.

Miller SL, Raffo C. **The Throwers Elbow** *for* Current Opinion in Orthopedics. Lippincott; 2005; 16(4): 271-275.

Miller SL, Flatow EL **Posterior and Multidirectional Instability: Open Solutions** *for* Complex and Revision Problems in Shoulder Surgery Lippincott; 2005: 73-88.

Miller SL, Shubenstein K, Flatow EL. **Acromioclavicular Resection: Direct “Superior” Approach** *in* *Shoulder Arthroscopy.* Edited by Tibone, Savoie, and Schaffer; Springer-Verlag; 2003: 209-214

Miller SL, Flatow EL. **Acromioclavicular Joint Resection: Arthroscopic Two Portal Technique (Direct Approach)** In Barbar FA, Fischer SP, eds. *Surgical Techniques for the Shoulder and Elbow.* New York: Thieme; 2003:27-29.

Miller SL, Gladstone JN. **Graft Selection in ACL Reconstruction.** In Gladstone JN, Andrews JR, eds. *The Orthopaedic Clinics of North America.* Philadelphia: Saunders; 2002:675-683.

Miller SL, Flatow EL. **Cuff Tear Arthropathy.** In Norris TR, eds. *OKU Shoulder and Elbow 2.* Illinois: The American Academy of Orthopaedic Surgeons; 2002: 197-205.

Miller SL, Ticker J, Gladstone JN. **The Arthroscopic Treatment of Calcific Tendonitis** *in* An Atlas of Arthroscopic Shoulder Surgery. Appleton and Lange.

PRESENTATIONS

Shambaugh B and Miller SL. **Does Time from Injury to Surgery Affect Outcomes Following Surgical repair and partial and complete proximal hamstring ruptures?** Accepted for presentation AOSSM San Diego, CA 2018

Piposar,J, Vinod, A, Miller S. **High Grade Partial and <2cm Retracted Proximal Hamstring Ruptures: Non-Surgical Treatment Revisited.** Presented at AAOS Annual Meeting, San Diego, CA, 2017.

Jawa A, Dasti U, Brown A, Grannatt K, Miller S. **Men and Women have Different Expectations but Similar Outcomes for Total Shoulder Arthroplasty: A Prospective Cohort Study.** Presented at the AAOS Annual Meeting, Orlando, NV, 2016.

Jawa A, Burnikel D, Miller S, Deangelis J, Li X. **Pre-operative MRI for Shoulder Osteoarthritis Does Not Change Surgeon Decision-making Compared to CT Scan.** Presented at the AAOS Annual Meeting, Orlando, FL, 2016.

Olsen J, Kellum E, Lacerte E, Miller SL. **A Comparison of Non-Operative and Operative Treatment of Complete Proximal Hamstring Ruptures.** AOSSM, Orlando FL 2015

Curtis A, Zehnder S, Osuch D, Albert A, Ghobrial I, Miller SL. **Perforation of the Glenoid Neck During Arthroscopic Anterior and Posterior Bankart Repair: A Cadaveric Study.** AANA, Orlando, FL 2012

Nigro P, Hsu SH, Miller SL. **Shoulder Arthroplasty for Capsulorrhaphy Arthropathy: Functional Outcomes and Patient Satisfaction Compared to Primary Osteoarthritis** ASES Closed Shoulder and Elbow Meeting, WV 2011

Osuch D, Albert A, Ghobrial I, Miller SL, Curtis AS. **Perforation of the Glenoid Neck during Arthroscopic Anterior and Posterior Bankart Repair: A Cadaveric Study** ASES Closed Shoulder and Elbow Meeting, WV 2011

Shu S, Grannet K, Merrill A, Miller SL. **Gender Outcomes after Shoulder Arthroplasty.** Eastern Orthopedic Society Naples, FL 2010

Handling M, Miller SL, Curtis AS. **The Origin of the Long Head of the Triceps- A Cadaveric Study.** AANA San Diego, CA 2009

Miller SL, Henning A, Curtis AS, Newman J. **Presence of Persistent Rotator Cuff Defects during the First Year Following Arthroscopic Repair.** AAOS Las Vegas 2009

Katz L, Miller SL, Curtis AS. **Outcomes of Failed SLAP Repairs.** AANA Washington DC 2008

Katz L, Miller SL, Curtis AS. **Outcomes of Failed SLAP Repairs.** AOSSM Orlando, FL 2008

Gardiner A, Miller SL, Katz J. **Anatomic Predictors of Hamstring Autograft Diameter.** AAOS San Francisco 2008

Khetia E, Miller SL, Curtis AS. **Factors Predicting Failure of SLAP Repairs.** AOSSM Calgary, CA 2007.

Khetia E, Miller SL, Curtis AS. **Factors Predicting Failure of SLAP Repairs.** AANA San Francisco 2007.

Miller SL, Guzman K, Merrill AL. **Gender Differences in Glenoid Anatomy.** AAOS San Diego 2007.

Sakakeeny J, Miller SL, James KS. **Biomechanical Analysis of a Collagen Derived Tissue Augment in Achilles Tendon Repair.** AAOS San Diego 2007.

Miller SL, Francis K, Fluhme D, Irrgang JJ, Harner CD, Fu FH. **High School and College Female Athletes: Intermediate Term Comparison of Bone Patellar Tendon Bone versus Hamstring ACL Reconstruction.** AANA Orlando 2004

Miller SL, Klepps S, Lin J, Cleeman E, Flatow EL. **Effectiveness of Replacement Arthroplasty with Calcar Grafting for the Treatment of Surgical Neck Nonunions of the Humerus** 9th ICSS Washington DC 2004

Westerhide K, Fluhme D, Miller SL, Francis K, Irrgang JJ, Fu FH, Harner CD. **Hamstring vs. Patellar Tendon ACL Reconstruction: Experience form an Academic Medical Center** AAOS San Francisco 2004

Klepps S, Miller SL, Chiang A, Jiang C, Flatow EL. **Incidence of Immediate Radiolucent Lines in Patients Undergoing Total Shoulder Replacement** ASES Focus Meeting, Las Vegas, Nevada 2003

Miller SL, Klepps S, Lin J, Cleeman E, Flatow EL. **Effectiveness of Replacement Arthroplasty with Calcar Grafting for the Treatment of Surgical Neck Nonunions of the Humerus** AAOS 70th Annual Meeting, New Orleans 2003

Klepps S, Miller SL, Chiang A, Jiang C, Flatow EL. **Incidence of Immediate Radiolucent Lines in Patients Undergoing Total Shoulder Replacement** AAOS 70th Annual Meeting, New Orleans 2003

Parsons B, Miller SL, Klepps S, Byrd J, Gladstone JN, Flatow EL. **Greater Tuberosity Fractures: Validity and Interobserver Reliability of Radiographs** AAOS 70th Annual meeting; Sports Specialty Day New Orleans 2003

Miller SL, Cleeman E, Auerbach J, Gladstone J, Flatow EL. **Intra-articular Lidocaine vs. Intravenous Sedation for Acute Shoulder Dislocations** AOSSM Meeting 28th Annual, Orlando 2002

Miller SL, Gladstone JN, Cleeman E, Chiang A, Flatow EF. **Anatomy of the**

Posterior Rotator Interval: Implications for Cuff Mobilization. AANA Meeting, 21st Annual Meeting Washington, DC 2002

Miller SL, Cleeman E, Auerbach J, Flatow EL. **Intra-articular Lidocaine vs. Intravenous Sedation for Acute Shoulder Dislocations.** 3rd Biennial Shoulder and Elbow Meeting, Orlando 2002

Miller SL, Hazrati Y, Chiang A, Flatow EL. **Loss of Subscapularis Function after Total Shoulder Replacement: A Seldom Recognized Problem.** AAOS 69th Annual Meeting Dallas 2002

Miller, SL, Radomislji T, Ulin R. **Inverted Arc Osteotomy and External Fixation.** Proceedings 68th Annual Meeting San Francisco 2001; 411.

Miller SL, Weinfeld SB. **Above Knee versus Below Knee Cast Treatment of Displaced Ankle Fractures.** Proceedings 68th Annual Meeting San Francisco 2001; 539.

Hazrati Y, Miller SL, Flatow EL. **Failed Surgical Management of Partial Rotator cuff tears.** Presentation Specialty Day- Shoulder and Elbow AAOS 2001.

Pilla AA, Markov MM, Miller SL. **Biological Effects of 27.12 MHz Pulsed Radio Frequency EMF Signals: Non-thermal mechanisms for soft tissue applications.** Society for Physical Regulation in Biology and Medicine 15th Annual Meeting, Arlington, Virginia October 1995.

MULTIMEDIA

Gardiner A, Miller SL, Curtis AS. **Arthroscopic Capsular Plication for Multidirectional Instability.** OKO; November 2008

Miller SL, Hazrati Y, Flatow EF. **Inferior Capsular Shift.** Video for AAOS meeting 2002.

Miller SL, Flatow EF. **Posterior Instability. The Athletes Shoulder.** Educational based DVD-ROM; American Academy of Orthopaedic Surgeons 2002

INVITED LECTURES

UMass Medical Center Grand Rounds; **Proximal Hamstring Injuries.** May 16, 2018

Tufts Medical Center Grand Rounds; **Proximal Hamstring Injuries.** Nov 14, 2015

Boston Sports and Shoulder Symposium; **Rehabilitation of the unstable AC joint.** Oct 30, 2015

Mount Sinai School of Medicine Grand Rounds; **Proximal Hamstring Injuries.** Feb 13, 2013

New England Orthopedic Society; **SLAP Tears.** May 29, 2009.

Grand Rounds Speaker U Mass. **SLAP Tears;** February 27, 2008

Boston Sports and Shoulder Symposium. **Shoulder Arthritis in the young athlete**; 2008
Boston, MA

AANA Fall Course. **Shoulder Arthroscopy Laboratory Instructor**; Nov 9,10 2007 Desert
Springs, Ca

Boston Sports and Sports Symposium. **Posterior Instability**. October 21, 2006 Boston, MA

State of the Art Orthopedics 2006. **Total Shoulder Bioskills Instructor** February 15,
2006, Snowmass, CO.

Boston Shoulder and Sports Symposium. **Tendinopathy about the Knee** October 28,
2005; Boston, MA

Shoulder Day Sonoma- Stryker Orthopedics. **Percutaneous Pinning of Three and Four
Part Proximal Humerus Fractures**. October 21, 2005; Sonoma, Ca

New England Baptist Hospital Grand Rounds. **The Arthritic Shoulder** December 8, 2004;
Boston, MA

Boston Shoulder and Sports Symposium. **Update: The Female Athlete** October 30, 2004;
Boston, MA

Occupational Health and Rehabilitation Annual Providers Meeting. **Common Shoulder
Problems** October 23, 2004; Nashua, NH

AANA **“The Masters Experience” Shoulder Arthroscopy with Mini-Open**
June 10, 2004; Rosemont, Il

Pittsburgh Arthroplasty Symposium. **Alternatives to Arthroplasty for Treatment of the
Athlete with Shoulder Arthritis**. May 31, 2003; Pittsburgh, PA