

Curriculum Vitae

Benjamin Barden, M.D.

Contact Information

Address: 5505 Peachtree Dunwoody Road | Atlanta, GA | 30342

Tel: (404) 355-0743

Email: ben.barden@gmail.com

Education

- **Emory College, Emory University, Atlanta, Georgia** (08/98 – 05/22)
Bachelor of Science, Human Biology & Anthropology, conferred in May 2002
- **Emory University School of Medicine, Atlanta, Georgia** (07/04 – 05/08)
Medical Doctorate, conferred in May 2008

Post Graduate Education and Training

- **Orthopaedic Surgery Internship**
Steadman Hawkins Clinic of the Carolinas, Greenville Hospital System University Medical Center, Greenville, South Carolina
Department of Orthopaedics, 07/08- 06/09
- **Orthopaedic Surgery Residency**
Steadman Hawkins Clinic of the Carolinas, Greenville Hospital System University Medical Center, Greenville, South Carolina
Department of Orthopaedics, 07/08 – 06/13
- **Orthopaedic Surgery Sports Medicine Fellowship**
New England Musculoskeletal Institute, The University of Connecticut Orthopaedic Sports Medicine Fellowship, Farmington, Connecticut
Department of Orthopaedics: 07/13 – 07/14

Board Certifications

- The American Board of Orthopaedic Surgery (ABOS) Part I, 06/13 – Passed
- The American Board of Orthopaedic Surgery (ABOS) Part II – 08/16 – Passed

Certifications

- Advanced Trauma Life Support, 06/14
- Advanced Cardiovascular Life Support: Active

Medical Licensures

- Georgia State Medical Licensure – #76634, Active
- Maine State Medical Licensure – #26095, Active
- South Carolina State Medical Licensure – LL-#30755, Active
- Connecticut State Medical Licensure – #052544, Active
- Federal DEA Licensure – Active
- Maine DEA Licensure – Active

Professional Society Memberships

- American Medical Association, 06/04 – Present
- American Academy of Orthopedic Surgeons, 07/06 – Present
- Arthroscopy Association of North America, 08/13 - Present
- American Orthopedic Society for Sports Medicine – 08/13 - Present
- Patellofemoral Foundation, 08/14 - Present
- Georgia Orthopedic Medical Society, 12/16 - Present

Honors and Awards

- W.C. Harris Family Scholarship, 06/04 – 05/08
- Alpha Epsilon Delta National Premedical Honor Society, 06/04
- Lambda Alpha National Anthropology Honors Association, 05/02
- Dean’s List, May 2000, December 2000
- Anthropology Honors Program Emory University, 06/00

Team Coverage Experience

- Team Physician – Lassiter High School, Marietta ,Ga, 04/22-Present
- Team Physician - Walton High School, Marietta Ga, 08/17 – 06/22
- Team Physician - Pope High School, Marietta Ga, 08/19 – 06/22
- Team Physician - The Weber School, Sandy Springs Ga, 12/17 – 06/22
- Team Physician - NASA Tophat Soccer, Atlanta Ga, 12/17 - Present
- Team Physician - USA Rugby, 03/18 – 01/19
- Preferred Physician – A5 Women’s Volleyball
- Preferred Physician – Atlanta North Stars Gymnastics
- Benedict College NCAA Division II Athletics Department, 06/15 – 08/16
- Lexington High School Athletics, Columbia SC, 08/15 - 08/16
- Hammond High School Athletics, Columbia SC, 09/14 – 08/16
- University of Connecticut NCAA Division I Athletics Department, 08/13 – 07/14
- Steadman Hawkins Clinic of the Carolinas, Greenville, South Carolina, 06/11 – 07/13
High school athletics

Administrative Service

- Associate Director, Peachtree Orthopedics Physician Assistant Fellowship Program
- Director, Northside Hospital Orthopaedic Institute, Department of Sports Medicine, Continuing Medical Education, 01/20 – 06/22
- Coordinator/Super-User, Northside Hospital EMR implementation, 01/20 – 06/22
- Consultant, iScribes/Nuance DAX virtual scribe software 2016- 06/22
- Athena Clinicals Orthopaedic Physician Advisory Council, 07/15 – 08/16
- Greenville Hospital System Information Technology Committee, 07/11 - 07/13
- Greenville Hospital System House Staff Liaison Committee, 07/11 – 07/13
- Greenville Hospital System Department of Surgery – *Lecturer*, 07/10 – 07/13
- Emory University School of Medicine Simulation & Information Technology Curriculum Reform Committee – *Student Co-Chair, Executive Committee Member*, 12/03 – 05/04
- Emory University School of Medicine Office of Admissions – *Information Technology Consultant, Guest Speaker, Instructor*, 06/04 – 05/08

- Epocrates Advocate – *Product Evaluator/Beta-tester*, 06/04 – 06/13
- Emory University Office of Medical Education & Student Affairs – *Guest Speaker, Social Chair, Committee Member*, 2004-2008
- Emory University School of Medicine Innovative Technologies for Medicine Organization – *Vice President*, 2004-2008

Local and National Service

- Sarcoma Warriors of the Upstate, Greenville, South Carolina – *Chief Information Officer*, 09/10 - Present
- Aspiring Surgeons Program (ASP), Emory University School of Medicine, Atlanta, Georgia – *President & Founder*, 07/04 – 07/08
- CornerStone Youth, Atlanta, Georgia – *Director of Information Technology*, 07/02 – 06/08
- Friends of Hughes Spalding Children’s Hospital, Atlanta, Georgia – *Volunteer*, 08/00 – 05/22

Publications

1. Barden B, Reed D, Edgar C, Fulkerson J. Retrospective Review of Patients Treated With Medial Quadriceps Tendon-Femoral Ligament (MQTFL) Reconstruction For Recurrent Patellofemoral Instability - *publication pending*.
2. Barden B, Shea K. Patient-Reported Outcome In Patients With Resistant Lateral Humeral Epicondylitis Treated With Open Release of the Extensor Capri Radialis Brevis Tendon - *publication pending*.
3. Cory M. Edgar, MD PhD; Matthew Stiebel, MD Frederick J. Watson, M.D., Heather Lochner, M.D., Benjamin Barden, MD; and Anthony A. Schepsis, MD Reliability of Magnetic Resonance Imaging in Ruptures of the Pectoralis Major
4. Gabriel Merlin MD, Scott Koenig MD, Cory Edgar MD, Benjamin Barden MD, Anthony Schepsis MD
5. Functional Outcome Following Pectoralis Muscle Repair -
6. Daniel Witmer, M.D., Connor G. Ziegler M.D., Dale N. Reed M.D., Anthony A. Romeo M.D., Augustus D. Mazzocca, M.S. M.D. Benjamin Barden M.D. Effect of glenoid vault penetration during primary total shoulder arthroplasty: a prospective clinical outcomes study - *publication pending*.
7. Weinreb J, Barden B. Tendon Structure, Disease, and Imaging – submitted for publication to *Journal of Muscles, Ligaments and Tendon*.
8. Harris S, Barden, B, Walker, K, & Reznick, M. Assessment of student learning behaviors to guide the integration of technology in curriculum reform. *Response* 29, 45-52 (2009).
9. White B.C. et al. Do recurrences after paraesophageal hernia repair matter? : Ten-year follow-up after laparoscopic repair. *Surgical Endoscopy* 22, 1107-1111 (2008).
10. Force SD, Miller DL, Pelaez A, Ramirez AM, Vega D, Barden B, Lawrence EC. Outcomes of delayed chest closure after bilateral lung transplantation. (2006). *Ann. Thorac. Surg.* 81: 2020-2025.
11. Edwards CA, Ramshaw BJ, Ramaswamy A, Geiger T, Bartow K, Jeanson LO, Barden, B. Laparoscopic transperitoneal repair of incisional flank hernias: a retrospective review of 27 patients. (2007). *Surg Endo.* s21: S327.
12. Patisal HB, Dindo M, Barden B, Whitten P. Soy isoflavone supplements antagonize reproductive behavior and ER-a and ER-b dependent gene expression in the brain. (2001). *Endocrinology*. Vol. 142, 2946-2952. Yu KE, Barden B, Molho DA, Reed DN, Schneble C, McLaughlin W, Fulkerson JP. Quadriceps Tendon Attachment Technique for Medial Quadriceps Tendon-Femoral Ligament (MQTFL) Reconstruction in the Surgical Treatment of Recurrent Patella Dislocation. *Arthrosc Tech.* 2021 Dec 27;11(1):e95-e98.
13. Weinreb JH, Sheth C, Apostolakis J, McCarthy MB, Barden B, Cote MP, Mazzocca AD. Tendon structure, disease, and imaging. *Muscles Ligaments Tendons J.* 2014 May 8;4(1):66-73.

14. Blankstein M, Schemitsch EH, Bzovsky S, Axelrod D, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Sprague S, Schottel PC; FAITH Investigators; HEALTH Investigators. The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations? *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S1-S8. (Barden,B – Collaborator)
15. Fixation using Alternative Implants for the Treatment of Hip fractures (FAITH) Investigators. Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. *Lancet*. 2017 Apr 15;389(10078):1519-1527. (Barden,B – Collaborator)
16. MacDonald DRW, Neilly D, Schneider PS, Bzovsky S, Sprague S, Axelrod D, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Schemitsch EH, Stevenson IM; FAITH Investigators; HEALTH Investigators. Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S70-S75. (Barden,B – Collaborator)
17. Sivaratnam S, Comeau-Gauthier M, Sprague S, Schemitsch EH, Poolman RW, Frihagen F, Bhandari M, Swiontkowski M, Bzovsky S; FAITH Investigators; HEALTH Investigators. Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S22-S28. (Barden,B – Collaborator)
18. Sprague S, Slobogean GP, Bogoch E, Petrisor B, Garibaldi A, O'Hara N, Bhandari M; FAITH Investigators. Vitamin D Use and Health Outcomes After Surgery for Hip Fracture. *Orthopedics*. 2017 Oct 1;40(5):e868-e875. (Barden,B – Collaborator)
19. Bzovsky S, Comeau-Gauthier M, Schemitsch EH, Swiontkowski M, Heels-Ansdell D, Frihagen F, Bhandari M, Sprague S; FAITH Investigators; HEALTH Investigators. Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. *J Orthop Trauma*. 2020 Nov;34 Suppl 3:S15-S21. (Barden,B – Collaborator)
20. Sprague S, Bhandari M, Heetveld MJ, Liew S, Scott T, Bzovsky S, Heels-Ansdell D, Zhou Q, Swiontkowski M, Schemitsch EH; FAITH Investigators. Factors associated with health-related quality of life, hip function, and health utility after operative management of femoral neck fractures. *Bone Joint J*. 2018 Mar 1;100-B(3):361-369. (Barden,B – Collaborator)
21. Blankstein M, Schemitsch EH, Bzovsky S, Axelrod D, Poolman RW, Frihagen F, et al. The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations? *Journal of Orthopaedic Trauma*. 2020 Nov;34:S1–S8. PMID: 33027159 (Barden,B – Collaborator)
22. Afaq S, O'Hara NN, Schemitsch EH, Bzovsky S, Sprague S, Poolman RW, et al. Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S9–S14. (Barden,B – Collaborator)
23. Bzovsky S, Comeau-Gauthier M, Schemitsch EH, Swiontkowski M, Heels-Ansdell D, Frihagen F, et al. Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S15–S21. (Barden,B – Collaborator)
24. Sivaratnam S, Comeau-Gauthier M, Sprague S, Schemitsch EH, Poolman RW, Frihagen F, et al. Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S22–S28. (Barden,B – Collaborator)
25. MacDonald DRW, Neilly D, Schneider PS, Bzovsky S, Sprague S, Axelrod D, et al. Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. *Journal of Orthopaedic Trauma*. 2020 Nov;34:S70–S75. (Barden,B – Collaborator)
26. Wurdemann FS, Poolman RW, Krijnen P, Sprague S, Kaptein BL, Hegeman JH, et al. Clockwise Torque of Sliding Hip Screws: Is There a Right Side? *Journal of Orthopaedic Trauma*. 2020 Nov;34:S76–S80. (Barden,B – Collaborator)
27. FLOW Investigators; Petrisor B, Sun X, Bhandari M, Guyatt G, Jeray KJ, Sprague S, Tanner S, Schemitsch E, Sancheti P, Anglen J, Tornetta P, Bosse M, Liew S, Walter S. Fluid lavage of open wounds (FLOW): a multicenter, blinded, factorial pilot trial comparing alternative irrigating solutions and pressures in patients with open fractures. *J Trauma*. 2011 Sep;71(3):596-606. (Barden,B – Collaborator)
28. FLOW Investigators; Bhandari M, Jeray KJ, Petrisor BA, Devereaux PJ, Heels-Ansdell D, Schemitsch EH, Anglen J, Della Rocca GJ, Jones C, Kreder H, Liew S, McKay P, Papp S, Sancheti P, Sprague S,

Stone TB, Sun X, Tanner SL, Tornetta P 3rd, Tufescu T, Walter S, Guyatt GH. A Trial of Wound Irrigation in the Initial Management of Open Fracture Wounds. *N Engl J Med.* 2015 Dec 31;373(27):2629-41. (Barden,B – Collaborator)

Web-based Journal Articles

1. Barden B, DRESS'd to Kill: Fatal drug rash in a case of drug rash with eosinophilia and systemic symptoms (DRESS) in association with antiepileptic drug treatment. *MDCconsult.* <http://www.mdconsult.com>. Web. Status: Published, 2007.

Books & Book Chapters

1. Michael O'Sullivan, Justin Yang, Benjamin Barden, Hardeep Singh, Jessica Divenere, Augustus D. Mazzocca. *Sternoclavicular Joint Anatomy and Pathology*: Springer Link, 2016.
2. Benjamin Barden, Jessica DiVenere, Hardeep Singh, Augustus D. Mazzocca. *Postoperative Shoulder Stiffness After Rotator Cuff Repair*: Springer Link, 2016.
3. Barden, Benjamin. Reed, Nick. Edgar, Cory. Fulkerson, John. *Medial Quadriceps Tendon-Femoral Ligament (MQTFL) Reconstruction for Patellofemoral Instability. Journal of Arthroscopy, 6 (June 2015): e9-e10.*
4. Benjamin Barden MD, Jessica Divenere, Hardeep Singh, Augustus Mazzocca MS MD. *Shoulder Stiffness: Current Concepts and Concerns. ISAKOS-UEC/ESSKA-ESA Joint Symposium –*
5. *Sternoclavicular Joint Anatomy and Pathology pp185-195*
6. Jeray K. Clavicle Fractures. In D.Hak, K.Ipaktchi, S.Morgan (Eds.). *Orthopedic Trauma Call for the Attending Surgeon* (Chapter 21). New Jersey: SLACK Incorporated.

Active Research Projects

1. Cory Edgar, M.D. Ph.D., Matthew T. Provencher, M.D., Robert Arciero, M.D., Augustus Mazzocca, M.D., Benjamin Barden, M.D. *Biomechanical Comparison of Pectoralis Major Musculotendinous Repair Techniques Utilizing the Arthrex Pec-Button Fixation System*
2. Barden B, Hart N, Tolan S, Kissenberth M, Hawkins R. *Arthroscopic Capsular Release for Adhesive Capsulitis: Does Biceps Tenotomy Improve Outcome?*
3. Barden B, Stasikelis P, *Preoperative Clinical Assessment of Anteversion Prior to Proximal Femoral Osteotomy in Cerebral Palsy.*
4. Barden B, Broderick J, Koch B, Tanner, S. *Reducing Radiation Exposure in Orthopaedic Surgery.*
5. Hill A, McHenry T, Barden B. *Reliability of Limited MRI Evaluation of the Lumbar Spine: A Pilot Study Comparing the Accuracy of T2 Sagittal Imaging Versus Complete MRI Scanning.*
6. Barden B, Force S, Miller D. *The Prognostic Significance of 18F-Fluorodeoxyglucose Positron Emission Tomography Standardized Uptake Value Correlation With Tumor Histopathology in the Preoperative and Non-Invasive Staging of Non-Small Cell Lung Cancer.*

Recent Presentations

1. Georgia Worker's Compensation Panel – Physician Participant, 2024
2. Tellus Museum New "Sportsology Exhibit" – 2023 Presenter: Sports Medicine Injuries
3. Northside Hospital Orthopedic Institute, Department of Sports Medicine – 2019 ASPIRE Presenter: MQTFL Reconstruction for Patellofemoral Instability.

4. Arthroscopy Association of North American - 2015 Annual Meeting
Presenter: Medial Quadriceps Tendon-Femoral Ligament (MQTFL) Reconstruction For Recurrent Patellofemoral Instability
5. American Academy of Orthopaedic Surgeons – 2015 Annual Meeting
Paper Presentation: Glenoid Vault Penetration During Total Shoulder Arthroplasty: Effect on Patient Centered Outcomes

Employment Experience

Peachtree Orthopedics, Atlanta, GA, 04/22 - Present

- Render comprehensive orthopedic sports medicine care, and general orthopedic care, to diverse patient population
- Team physician: Lassiter High School
- Medicare provider
- Worker's Compensation care provider
- Personal Injury care provider
- Perform expert witness and chart review services
- Perform Independent Medical Evaluations
- Associate Director for Physician Assistant Post-Graduate Fellowship Program

CHG Healthcare (CompHealth), Midvale, UT, 07/22 – 01/23

- Rendered orthopaedic surgery services for a 25-bed Critical Access Hospital in rural Maine

Northside Hospital Orthopedic Institute, Department of Sports Medicine – Orthopedic Surgeon, Sports Medicine, 09/16 – 06/22

- Primary physician, East Cobb Marietta, GA location
- Managed high volume outpatient clinic with a staff of 8 - including front office, back office, radiology technician, cast technician, medical assistants, certified athletic trainers, and a physician's assistant
- Specialized in complex arthroscopic procedures of the shoulder, hip, knee and ankle
- Specialized in complex multi-ligamentous knee reconstruction surgery
- Specialized in complex shoulder reconstruction utilizing both arthroscopic and open techniques
- Specialized in shoulder arthroplasty including reverse total shoulder replacement surgery
- Practiced general non-operative orthopaedic care managing both acute and chronic injuries of the entire musculoskeletal system including the spine
- Practiced general orthopaedic operative fracture care including fractures of long bones
- Practiced general orthopaedic operative fracture care for the foot, hand, wrist, forearm, and ankle
- Specialized in patellofemoral instability and glenohumeral joint instability
- Managed specific maladies of the hand including carpal tunnel syndrome, trigger digits, and De Quervain's tenosynovitis

Midlands Orthopaedics, P.A. – Orthopaedic Surgeon, Sports Medicine, 09/14 – 08/16

- Practiced general orthopaedics and sports medicine for a 14-partner private practice group equipped with surgery center, MRI facilities, DME distribution, and Occupational Therapy
- Team physician for Hammond High School and Lexington High School

BearingPoint – Senior Management Analyst, 06/03 – 06/04

- Managed a team of 3 analysts in the customization and implementation of an enterprise learning management system
- Designed and implemented graphical user interfaces and curricula for Web-based training materials for the CDC
- Interviewed, hired, and supervised contracting resources in Washington D.C., San Francisco, and Atlanta

The Kellen Company/HQ CyberServices – Internet Services Specialist, 06/02 – 06/03

- Developed and implemented all creative, design, and reporting components of a national marketing campaign for a top 10 online dieting company and successfully tripled monthly sales
- Created new “E-Presence” product offering and authored all associated business proposals and pricing structures
- Provided project management, client training, and second level help-desk for client-maintained sites
- Designed and managed custom Web solutions for multiple clients of association management consulting firm

Etelligent Media Inc. – President and Founder, 11/99 – 6/04

- Founded corporation providing innovative Web solutions for businesses and non-profits
- Built custom Web sites encompassing all aspects of site design, content development and e-commerce
- Transitioned service offerings to include home and small business support; focusing on software training, broadband network installation, and hardware upgrades
- Managed company’s assets, including financial and tax obligations