

January 29, 2026

CURRICULUM VITAE
Thomas J. Barrett, M.D.

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EDUCATION

Undergraduate	SUNY at Stony Brook Biochemistry, Bachelor of Science May 2004, Cum Laude
Graduate School	Boston University School of Medicine August 2004 -2005 Master of Arts, Medical Science
Medical School	Albany Medical College, 2007 -2011, Doctor of Medicine 2011, Alpha Omega Alpha , All Clinical Honors

POSTGRADUATE TRAINING

Residency	Albany Medical College, Providence, R.I. Orthopedic Surgery PGY 1-5 July 2011 – June 2016
Fellowship	Baylor College of Medicine, Houston, TX Adult Reconstruction Fellow July 2016 –2017

POSTGRADUATE HONORS AND AWARDS

American Orthopaedic Association Emerging Leader
June 2016

American Orthopaedic Association Resident Leader
June 2015

American Orthopaedic Association Resident Leadership Forum. Providence, R.I.

Alpha Omega Alpha Medical Honor Society 2011

Albany Medical College

R. Maxwell Alley Award to Exemplary Student in Thoracic Surgery 2011

Albany Medical College

Richard L. Uhl Award given to resident that displays outstanding leadership skills and ability

2016 Albany Medical College

Albany Medical College Resident's Scholarly Research Prize - *Honorable Mention*

2014

OTHER AWARDS

Medical Honoree, Arthritis Foundation July 2023

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

American Board Of Orthopedic Surgery Part I: Passed July 2016

American Board Of Orthopedic Surgery Part II: Passed August 2019

ACADEMIC APPOINTMENTS

Co-Director of Adult Reconstruction Fellowship at Warren Alpert Medical School at Brown University Dept. of Orthopedic Surgery

January 2024-Present

Assistant Professor of Orthopedic Surgery at Warren Alpert Medical School at Brown University

August 2019-Present

HOSPITAL APPOINTMENTS

Kent County Memorial Hospital, Orthopedic Surgeon

July 2017-Present

Miriam Hospital, Orthopedic Surgeon

August 2019-Present

Rhode Island Hospital, Orthopedic Surgeon
August 2019-Present

OTHER APPOINTMENTS

AAHKS Patient Relations Committee Member June 2021-Present
Journal of Arthroplasty Reviewer January 2017-Present

HOSPITAL COMMITTEES

Miriam Total Joint Center Surgeon's Committee Member August 2019-Present
Kent Hospital Medical Executive Committee July 2023-January 2025
Kent Hospital Medical Staff – Secretary Treasurer July 2023 – October 2024
Kent Hospital Total Joint Center Surgeons Committee Chairman October 2020-January 2025
Kent Hospital Hip Fracture Committee Founding Member October 2017- Present

UNIVERSITY COMMITTEES

Brown Orthopedic Residency Education and Selection Committee Member March 2023- Present
Orthopedic Surgery Residency Program, Rhode Island Hospital, Providence, R.I.

MEMBERSHIP IN SOCIETIES

American Association of Hip and Knee Surgeons Fellow Member August 2021-Present
American Orthopaedic Association Emerging Leader July 2015 – Present
American Academy of Orthopedic Surgeons Fellow Member August 2022- Present
Alpha Omega Alpha Medical Honor Society 2011

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Barrett TJ**, Shi L, & Parsley BS (2017). Bicruciate-retaining total knee arthroplasty, a promising technology, that's not quite there. Ann Transl Med 2017 May;5(Suppl1):S17. of translational medicine, 5(Suppl 1). DOI: [10.21037/atm.2017.03.77](https://doi.org/10.21037/atm.2017.03.77) PMID: 28567399

2. Patel SA, Li NY, Yang DS, Reid DBC, Disilvestro KJ, Babu JM, Kuris EO, **Barrett T**, Daniels AH. Patients Who Undergo Primary Lumbar Spine Fusion After Recent but Not Remote Total Hip Arthroplasty Are at Increased Risk for Complications, Revision Surgery, and Prolonged Opioid Use. *World Neurosurg.* 2020 Dec;144:e523-e532. doi: 10.1016/j.wneu.2020.08.210. Epub 2020 Sep 3. PMID: 32891851.
3. Antoci V, Barrett C, Glasser J, **Barrett T**, Garcia D. The Case of Disappearing Tibia in Rheumatoid Knee Tenosynovitis. *J Orthop Case Rep.* Feb 2022. *J Orthop Case Rep* 2022 Feb;12(2):9-13. doi: 10.13107/jocr.2022.v12.i02.2644. PMID: 36199712
4. Albright JA, Testa EJ, Meghani O, Chang K, Daniels AH, **Barrett TJ**. Increased Risk of Hospital Readmissions and Implant-Related Complications in Patients Who Had a Recent History of Fragility Fracture: A Matched Cohort Analysis. *J Arthroplasty.* 2022 Aug 31:S0883-5403(22)00818-X. doi: 10.1016/j.arth.2022.08.036. Epub ahead of print. PMID: 36055439.
5. Albright JA, Testa EJ, Ibrahim Z, Quinn M, Chang K, Alsoof D, Diebo BG, **Barrett TJ**, Daniels AH. Postoperative Angiotensin Receptor Blocker Use is Associated with Decreased Rates of Manipulation Under Anesthesia, Arthroscopic Lysis of Adhesions, and Prosthesis-Related Complications in Patients Undergoing Total Knee Arthroplasty. *J Arthroplasty.* 2023 Oct 16:S0883-5403 (23)01034-3. doi: 10.1016/j.arth.2023.10.015. Epub ahead of print. PMID: 37852448.
6. Laperche JM, Chang K, Albright JA, Ibrahim Z, Zhang H, Daniels AH, and **Barrett TJ**. Shoulder Adhesive Capsulitis Prior to Total Knee Arthroplasty is Associated With Increased Rates of Postoperative Stiffness Requiring Manipulation Under Anesthesia and Arthroscopic Lysis of Adhesions. *The Journal of Arthroplasty* 39.4 (2024): 960-965. PMID: 37924990
DOI: [10.1016/j.arth.2023.10.051](https://doi.org/10.1016/j.arth.2023.10.051)
7. Daher M, Liu J, Smith N, Daniels A, **Barrett T**, Cohen E. Short-term outcomes of outpatient total joint arthroplasty in morbidly obese patients. *Eur J Orthop Surg Traumatol.* 2025 May 11;35(1):185. doi: 10.1007/s00590-025-04325-1. PMID: 40349255.
8. Liu J, Daher M, Laperche J, Gilreath N, Testa EJ, El-Othmani MM, **Barrett TJ**, Antoci V Jr. ChatGPT versus expert arthroplasty surgeons in total knee arthroplasty patient counseling. *Knee.* 2025 Apr 8;55:12-17. doi: 10.1016/j.knee.2025.03.005. PMID: 40203521.
9. Maroun R, Daher M, Liu J, Daniels AH, **Barrett TJ**, El-Othmani MM. Periarticular Versus Intravenous Corticosteroids in Total Knee Arthroplasty: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Arch Bone Jt Surg.* 2025;13(5):237-248. doi: 10.22038/ABJS.2025.84324.3834. PMID: 40630814; PMCID: PMC12232571.
10. Daher M, Liu J, Smith N, Daniels AH, El-Othmani MM, **Barrett TJ**, Cohen EM. Outpatient Versus Inpatient Total Hip and Knee Arthroplasty in Morbidly Obese Patients. *J Arthroplasty.* 2025 May;40(5):1180-1184. doi: 10.1016/j.arth.2024.10.112. Epub 2024 Oct 28. PMID: 39490780.
11. Liu J, Gilmore A, Daher M, Liu J, **Barrett T**, Antoci V, Cohen E. A proposed patient selection algorithm for total joint arthroplasty same-day discharge from an ambulatory surgery center. *J. Arthrop.* 40(5):1174-1179. May 2025. PMID: 39521384 DOI: 10.1016/j.arth.2024.11.002
12. Liu J, Daher M, Laperche J, Clippert D, Ibrahim Z, **Barrett TJ**, Antoci V. Patient reported outcomes of total knee arthroplasty with ultra-congruent lipped polyethylene liners: A randomized study. *The Archives of Bone and Joint Surgery.* 13(2):100-105. Aug 2025
DOI: 10.22038/ABJS.2024.80407.3674 PMID: 39980802

BOOKS AND BOOK CHAPTERS

Revision Total Hip Arthroplasty. (2024). Germany: Springer New York. Acetabular Buttress and Complete Pelvis Reconstruction

Balmaceno-Criss, Mariah, et al. "Hip-spine syndrome in adult spinal deformity patients." *Seminars in Spine Surgery*. WB Saunders, 2023.

Toy E, Rosenbaum A, Roberts T, Dines J (Eds.). Case Files: Orthopaedic Surgery. New York, NY: McGraw Hill Medical. Open Tibia Fractures

UNIVERSITY TEACHING ROLES

Course mentor: Doctoring I,II and III

Fall 2019-Current

Alpert Medical School, Brown University, Providence RI

- Directly mentored medical students by weekly half a day direct interaction and teaching of patient interviewing, physical exam, under both simulated and clinical scenarios. Directed students to interview real patients, helped organize their clinical presentation, and develop clinical judgement on diagnosis and differential. Further developed clinical skills in the operating room, teaching students to hold retractors, suture and participate in complicated Orthopedic procedures.

Students:

J. Alex Albright Class of 2024 MS1-MS3

Patricia Rodarte Class of 2025 MS1-MS3

Jacob Gleuck Class of 2026 MS1-MS2

Claire Lin Class of 2027 MS2

GRADUATE MEDICAL EDUCATION

Course Lecturer: Hip and Knee Replacement in the Very Young Fall 2019-Current

Brown Orthopedic Residency Program, Brown University, Providence RI

- Organized and lectured on multiple topics on orthopedic basic science, bearing surfaces and materials science as it pertains to joint reconstruction in very young patients. Organized and presented lectures over the course of the curriculum allowing for teaching and testing basic knowledge.

Course Lecturer: Hip and Knee Replacement Basic Skills Lab Fall 2023-Current

Brown Orthopedic Residency Program, Brown University, Providence RI

- Organized and lectured on saw skills using actual jigs and cutting guides utilized in the operating room to perform hip and knee replacement to provide residents a simulation experience to develop and hone operative skills and allow more senior residents to learn teaching these skills to our junior learners

Fellowship Curriculum Organizer: Brown Adult Reconstruction Fellowship, 2019-Current

- Organized entire fellowship curriculum, including lecture and reading material, guidelines and milestones, scheduling, and assessment resources, coordinated with the Graduate Medical Education Office for approval and guidance.

Faculty Advisor, Adult Recon Indications Conference, Rhode Island Hospital 2019-Present

HOSPITAL TEACHING ROLES

Site Coordinator, Brown Orthopedic Residency Program, Kent Hospital May 2023-Present

Instructor, Stryker Orthopedics – Mawah, NJ
Robotics in Total Hip and Knee Arthroplasty lab
Providence, RI, July 2023

Instructor, Stryker Orthopedics – Mawah, NJ
Robotics in Total Hip and Knee Arthroplasty lab
Providence, RI, July 2024

ADDITIONAL TEACHING AND MENTORSHIP

Faculty Mentor, Alex Albright, Warren Alpert Medical School, Providence, RI 2019-Present

Faculty Mentor, Patricia Rodarte, Warren Alpert Medical School, Providence, RI 2020-Present

Faculty Mentor, Brown Orthopedic Residency Program, Providence, RI, Alex Orfanos MD 2021-Present

Faculty Mentor, Brown Orthopedic Residency Program, Providence, RI, Stephen Marcaccio MD 2021-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, Anand Patel MD, August 2019-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, Arthur Manoli MD August 2020-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, William Walsh MD August 2021-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, Alanna Balboni MD August 2022-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, Paull Cameron Gossett MD August 2023-Present

Faculty Mentor, Brown University Adult Reconstruction Fellowship, Providence, RI, Jace Kusler, MD
August 2024-Present

Faculty Mentor, Brown Orthopedic Residency Program, Providence, RI, Jonathan Liu August 2022-
Present

Faculty Mentor, Brown Orthopedic Residency Program, Providence, RI, Christopher Lama August
2024-Present

Faculty Mentor, Brown Orthopedic Residency Program, Providence, RI, Nathaniel Smith, MD August
2024-Present

COMMITMENT TO DIVERSITY EQUITY AND INCLUSION INITIATIVES

Founding Faculty Member of partnership between Brown University Orthopedic Department and Nth
Dimensions. 2024-Present

Nth dimensions is a nationally renowned scholarship program that helps reduce disparities in medical
education, specifically orthopedic surgery. In August of 2024 we matched our first scholar who was able
to shadow in the OR and office and gain an immersive experience in orthopedic surgery.

Student: Myka Dancy, Meharry University School of Medicine, Class of 2027