



California Medical Evaluators
11620 Wilshire Blvd. Suite 340
Los Angeles, CA 90025
Phone: 888.853.7944
Fax: 213.478.0550
info@calmedeval.com



Dr. Brian T. Barlow, MD, QME
Board Certified in Orthopedic Surgery

Articulate, Board certified Orthopedic Surgery with more than 15 years of clinical expertise and 1 year of medical-legal expertise. Highly specialized in Orthopedic Surgery and Joint Replacement.

EDUCATION

- **United States Naval Academy, Annapolis, MD (2005)**
Bachelor of Science, Chemistry, with Distinction and Highest Honors
- **Harvard Medical School, Boston, MA (2009)**
Doctor of Medicine, MD
- **Naval Medical Center, San Diego, CA (2014)**
Residency, Orthopedic Surgery, Chief Resident
- **Hospital for Special Surgery, New York, NY (2015)**
Fellowship, Adult Reconstruction and Joint Replacement, Chief Fellow
- **Hospital for Special Surgery, New York, NY (2015)**
Preceptorship, Hip Arthroscopy

PROFESSIONAL EXPERIENCE

- **Naval Medical Center, San Diego, Director of Orthopedic Research (2015 to present)**
- **Naval Medical Center, San Diego, Orthopedic Surgeon (2015 to present)**
- **USNS Mercy TAF-19, Staff Orthopedic Surgeon for COVID-19 Relief (2020)**

ACADEMIC APPOINTMENTS

- **Uniformed Services University of Health Sciences, Assistant Professor (2012 to present)**

LICENSURE AND CERTIFICATION

- Arizona Board Certified Medical License
- California Board Certified Medical License
- Nebraska Board Certified Medical License
- New York Board Certified Medical License
- Oregon Board Certified Medical License

PROFESSIONAL MEMBERSHIPS

- American Orthopedic Association
- American Academy of Orthopedic Surgeons, Fellow
- American Association of Hip and Knee Surgeons, Fellow
- International Society for Hip Arthroscopy
- Arthroscopy Association of North America
- Society of Military Orthopedic Surgeons
- California Orthopedic Association
- Qualified Medical Evaluator (QME)

HONORS AND AWARDS

Competitive Scholarships

- AAOS/OREF/ORS Clinician Scholar Career Development Program 2014
- One of 15 resident, fellow and junior faculty surgeons selected from nationwide application pool for immersive program designed to develop clinician scholars.

Scholastic Honors

- Gerald W. Cady Orthopedic Research Award, Naval Medical Center San Diego Department of Orthopedic Surgery 2019
- Awarded by graduating residents for the departmental faculty member or resident surgeon who best facilitated and furthered the development of departmental research
- USUHS Chairman's Award for Excellence in Teaching 2017
- *Phi Lambda Upsilon* National Chemistry Honor Society 2005
- John S. Kelley Memorial Award – Outstanding Graduating Midshipman in the Biochemistry Sciences. 2005
- ACS Polymer Education Award – Outstanding Midshipman in Organic Chemistry. 2003

Teaching Awards

- Associate Master Clinician Award, Naval Medical Center San Diego 2017
- Nominated and confirmed by Medical Executive Committee of top 10% of hospital clinicians

Military Awards

Navy Meritorious Unit Commendation
National Defense Service Medal
Global War on Terrorism Service Medal
Humanitarian Service Medal
Navy Rifle – Expert Qualification
Navy Pistol – Expert Qualification

RESEARCH & PUBLICATIONS

Publications

1. Schoenfeld AJ, Julien T, **Barlow BT**, Harris MB. *Cervical Subchondral Cysts in the Elderly*. The Spine Journal. Vol 9. Issue 10. Oct 2009. E1-4.
2. **Barlow BT**, Kuhn KM. *Limb Salvage Compared to Amputation in the Acute Setting: Criteria Used on the Battlefield*. Current Orthopaedic Practice. Vol 24. Issue 2. March 2013. 153-7.
3. Metzger P, Peace W, **Barlow BT**, Solomon DJ, Provencher MT. *Clinical Grading of Hill-Sachs Injuries: Association with Glenoid Bone Loss and Clinical Application of the “Glenoid Track” Concept in terms of Humeral Head Engagement*. Orthopaedic Journal of Sports Medicine. Vol 1. No 2. July 2013.
4. **Barlow BT**, Kuhn KM. *Orthopedic Management of Complications from Intraosseous Catheters*. American Journal of Orthopaedics. Vol 43. No 4. April 2014. 186-90.
5. **Barlow BT**, Kuhn KM. *Technique and Indications for the Retrograde Use of the Reamer-Irrigator-Aspirator*. Current Orthopaedic Practice. Vol 25. Issue 2. April 2014. 183-8.
6. **Barlow BT**, Reem J, Stanley M, Craven C, Bruneau P. *Inter-rater and Intra-rater Reliability of the Alpha Angle of the Hip: Is the Alpha Angle Reliable*. Current Orthopaedic Practice. Vol 25. Issue 4. July 2014. 383-8.
7. Stahel PF, **Barlow BT**, Tepolt F, Mangan K, Mauffrey C. *Safe Surgical Technique: Reconstruction of the Sternoclavicular Joint for Posttraumatic Arthritis after Posterior Sternoclavicular Dislocation*. Journal of Patient Safety in Surgery. Vol 7. Issue 38. Dec 2013.
8. Kuhn KM, **Barlow BT**, Dromsky D. *The Reamer-Irrigator-Aspirator: Roles and Evidence Supporting its Use in Modern Orthopaedic Surgery*. Surgery Current Research. Vol. 4 Issue 2: Number 167. January 2014.
9. Smark CT, **Barlow BT**, Vachon T, Provencher MT. *Arthroscopic and Magnetic Resonance Arthrogram Features of Kim’s Lesion in Posterior Shoulder Instability*. Arthroscopy: Journal of Arthroscopic and Related Surgery. Vol 30. Issue 7. July 2014. 781-4.
10. Mauffrey C, **Barlow BT**, Smith W. *Management of Segmental Bone Defects*. Journal of American Academy of Orthopaedic Surgeons. Vol 23. March 2015. 143-153.
11. **Barlow BT**, Assini J, Boles J, Lee Y, Westrich G. *Short-term Metal Ion Trends Following Removal of Recalled Modular Neck Femoral Stems*. Journal of Arthroplasty. Feb 2015.
12. Patel AR, **Barlow BT**, Ranawat AS. *Stem Length in Revision Total Knee Arthroplasty*. Current Reviews in Musculoskeletal Medicine. Vol 8. 407-412. Dec 2015.
13. Kai S, **Barlow BT**, Fardina M, Inglis A, Goodman S. *Total Hip Arthroplasty In a Patient with Multicentric Carpotarsal Osteolysis: a case report*. HSS Journal. Vol 12. Issue 2. July 2016. 177-181.
14. **Barlow BT**, Oi K, Lee Y, Carli A, Bostrom M. *Outcomes of Custom Tri-Flange Acetabular Components in Revision Total Hip Arthroplasty and Predictors of Failure*. Journal of Arthroplasty. Vol 31. Issue 5. 1057-1064. May 2016.
15. **Barlow BT**, Boles J, Ortiz P, Lee Y, Westrich GH. *Short Term Outcomes and Complications Following Rejuvenate Modular Total Hip Arthroplasty Revision*. Journal of Arthroplasty. Vol 31, Issue 4. 857-862. April 2016.
16. **Barlow BT**, Boles J, Fields K, Burge A, Potter H, Westrich GH. *MRI Predicts Adverse Local Tissue Reaction Histological Severity in Modular Neck Total Hip Arthroplasty*. Journal of Arthroplasty. Vol 31, Issue 10. 2325-2331. October 2016.

17. Esposito CI, Mayman DJ, Jerabek SA, Kim HJ, Miller T, **Barlow BT**, Lipman J, Wright T, Padgett D, Mayman D, Jerabek S. *Does Degenerative Lumbar Spine Disease Influence Femoroacetabular Flexion in Patients Undergoing THA?* Clinical Orthopaedics and Related Research. Vol 474. Issue 8. 1788-1797. August 2016.
18. Camp C, Spiker A, **Barlow BT**, Coleman S. *Capsular Preservation using Suture Suspension Technique in Hip Arthroscopy for Femoroacetabular Impingement.* Arthroscopy: Journal of Arthroscopic and Related Surgery. Arthroscopy Techniques. Vol 5. Issue 4. E883-887. August 2016.
19. **Barlow BT**, McLawhorn A, Westrich GH. *Dual Mobility Implants are Cost-Saving for Primary Total Hip Arthroplasty: A Cost-Utility Analysis Using Direct and Indirect Costs.* Bone and Joint Journal Proceedings. May 2016.
20. **Barlow BT**, Boles J, Westrich GH. *What Are Normal Metal Ion Levels After Total Hip Arthroplasty? A Serologic Analysis of Four Bearing Surfaces from a Single Manufacturer.* Journal of Arthroplasty. Vol 32. Issue 5. 1535-1542. May 2017
21. **Barlow BT**, McLawhorn A, Westrich GH. *Dual Mobility Implants are Cost-Saving for Primary Total Hip Arthroplasty: A Cost-Utility Analysis Using Direct and Indirect Costs.* Journal of Bone and Joint Surgery. Vol 99. Issue 9. May 2017.
22. Carli AV, Spiro S, **Barlow BT**, Haas SB. *Using a non-invasive secure skin closure following total knee arthroplasty leads to fewer wound complications and no patient home care visits compared to surgical staples.* The Knee. 2017 Oct 1;24(5):1221-6.
23. Stone-Garza, K., **Barlow, BT.**, & Maves, R. *Avascular Necrosis of the Femoral Head as a Sequela of Shiga Toxin-producing Escherichia coli (STEC) Infection.* In *Open Forum Infectious Diseases* (Vol. 5, No. suppl_1, pp. S334-S335). US: Oxford University Press. (2018, November).
24. Lake, NH., **Barlow, BT**, Toledano, JE, Valentine, J and McDonald LS. "Contact dermatitis reaction to 2-octyl cyanoacrylate following 3 orthopedic procedures." *Orthopedics*. 41, no. 2 (2018): e289-e291.
25. **Barlow BT**, MT Hannon, JE Waldron. "Preoperative Management of Antithrombotics in Arthroplasty." *The Journal of the American Academy of Orthopaedic Surgeons*. June 2019.
26. *Tompane T, Houskamp D, **Barlow B.** "What is the Critical Tibial Resection Depth During Unicompartamental Knee Arthroplasty? A biomechanical study of fracture risk." *The Journal of Arthroplasty* 35.8 (2020): 2244-2248.
27. *Taniguchi K, Quacinella M, **Barlow B.** *Squeaking is Common and Increases Over Time Among Patients With Long-Term Follow-up After Ceramic-on-ceramic THA.* *Clinical Orthopaedics and Related Research* 479.4 (2021): 736-744.
28. Eannucci EF, **Barlow BT**, Carroll KM, Sculco PK, Jerabek SA, Mayman DJ. *A Protocol of Pose Avoidance in Place of Hip Precautions After Posterior-Approach Total Hip Arthroplasty May Not Increase Risk of Post-operative Dislocation.* *HSS J*. 2019 Oct;15(3):247-253. doi: PMID: 31624480; PMCID: PMC6778163.
29. Nodzo SR, Chang CC, Carroll KM, **Barlow BT**, Banks SA, Padgett DE, Mayman DJ, Jerabek SA. *Intraoperative placement of total hip arthroplasty components with robotic-arm assisted technology correlates with postoperative implant position: a CT-based study.* *Bone Joint J*. 2018 Oct;100-B(10):1303-1309. PMID: 30295538.
30. Krauth, Daniel S., **Brian Barlow**, and Catherine M. Berjohn. "Fungal osteomyelitis and septic arthritis in an immune competent man: The first report of invasive osteoarticular infection due to *Scedosporium dehoogii*." *Medical Mycology Case Reports* (2021).
31. Tenan, Matthew S., Joseph W. Galvin, Timothy C. Mauntel, John M. Tokish, MOTION Collaborative, James R. Bailey, **Brian T. Barlow** et al. "Generating the American Shoulder and Elbow Surgeons Score Using Multivariable Predictive Models and Computer Adaptive Testing to Reduce Survey Burden." *The American Journal of Sports Medicine* 49, no. 3 (2021): 764-772. PMID: 33523718.

Books

1. "Physical Examination of the Thoracolumbar Spine." **Barlow BT.** *Musculoskeletal Examination of the Spine: Making the Complex Simple.* Editors: Rihn J and Harris E. Publisher: SLACK. 2011.
2. "Surgical Technique: Proximal Femoral Osteotomies in Residual Childhood Disease." **Barlow BT**, Schmitz M, Bittershol B Holsakar HS. *Hip Arthroscopy and Hip Joint Preservation Surgery.* Editors: Nho S, Leunig M, Larson CM, Bedi A, Kelly BT. Publisher: Springer. 2015.

3. "Results of Periacetabular Osteotomy (PAO)." **Barlow BT**, Santore R. *Hip Joint Restoration: Worldwide Advances in Arthroscopy, Arthroplasty, Osteotomy, and Joint Preservation Surgery*. Editors: McCarthy JC, Villar R, Noble P. Publisher: Springer. 2015