

# BEHNAM (BEN) SHARAREH MD

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## EDUCATION

University of California, Los Angeles Los Angeles, CA	B.S in Bioengineering	2005-2009
University of California, Irvine Irvine, California	MD	2012-2016
Baylor College of Medicine Houston, Texas	Residency Orthopedic Surgery	2016-2021
University of Washington Seattle, Washington	Fellowship Shoulder and Elbow Surgery	2021–2022

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## PROFESSIONAL ACTIVITIES

- Orthopedic Surgeon
  - Ventura Orthopedics
    - Shoulder and Elbow Surgeon 09/2022 – present
    - Teaching faculty at Community Memorial Hospital, Orthopedic Surgery Residency
  
- Educational
  - Orthobullets, *Lineage Medical* 10/2019 - present
    - Author/Editor 10/2019-12/2020
      - Published 23 full topics
      - Published > 400 questions
      - Published 18 cases
  
    - Editor-In-Chief 1/2021 – present
      - Oversee all editorial activity of the website including questions, cases, topics, fellow curriculums, and technique guides
      - Created the Shoulder/Elbow annual curriculum for fellows
      - Directly manage a 35 person editorial department of orthopedic surgeons (residents, fellows, attendings)
  
- Editorial Services
  - *Reviewer*, Journal of Shoulder and Elbow Surgery 05/2020- present
  
- Society involvement
  - Association of Shoulder and Elbow Surgeons (ASES) 05/2020 - present
    - Candidate member
  
  - American Orthopedic Association 06/2019 - present
    - Emerging leaders' member

- Alpha Omega Alpha 05/2015 - present
  - Inducted as a Junior AOA member
  
- Gold Humanism Honor Society 05/2015 – present
  - Inducted as a medical student and resident.

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## **AWARDS/ACADEMIC ACHIEVEMENTS**

### Baylor College of Medicine: Orthopedic Surgery Residency

- Administrative Chief Resident, 2020-2021 (only 1 per class)
- Residency OITE achievement award 2021 (only 1 per class)
- AOA Resident leadership forum representative, 2020 (only 1 per class)
- Michael J Epstein Orthopedic Surgery Best Junior Resident Award 2016- 2018
- Department of Emergency Medicine “Consultant of the Year” Award 2017- 2018
- Best Resident Research poster Award at 2017 ORS Regional Symposium
- Gold Humanism Honor Society (GHHS) as a resident, inducted 2019
- OITE 90+% award: 2016, 2017, 2018, 2019, 2020

### University of California, Irvine, School of Medicine

- Alpha Omega Alpha (AOA) Medical Honor Society, Inducted *Junior* year
- Basic Science Certificate of Excellence for Academic Year 2012-2013
- Basic Science Certificate of Excellence for Academic Year 2013-2014
- Membership in the Association of Pathology Chairs Honors Society 2014
- Gold Humanism Honor Society (GHHS) as a medical student, Inducted 2015
- Honors in 7 of 9 clinical clerkships

### University of California, Los Angeles

- Graduated Cum Lauda with BS in Bioengineering
- Dean’s Honor list 12 quarters
- UCLA Exceptional Student Admission Program candidate

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## **RESEARCH SUPPORT**

### Clinical Research Grants Awarded (Allergen):

- Efficacy of an Intravitreal DEX Implant in Retinal Vein Occlusion Following Treatment With Anti-VEGF Injections (NCT01449682)
- Ozurdex for Treatment of Recalcitrant Diabetic Macular edema (NCT01571232)

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## **MANUSCRIPTS (IN REVIEW)**

- 1) Sharareh B, Panebianco A, Whitson, Anastasia, Stenson J, Hsu J, Matsen FA; “Dynamics of Cutibacterium on the Skin of Shoulder Arthroplasty Patients over the Perioperative Surgical period” In review, JSES

- 1) Quinlan NJ, Dasari SP, Sharareh B, Levens JG, Whitson, AJ, Matsen FA, Hsu J; “Do We Need to Reconsider How We Gauge Success After Anatomic Total Shoulder Arthroplasty? A Study of Thresholds Optimized for Patient Satisfaction” *Journal of Shoulder and Elbow Surgery*. In press
- 2) Mills ZD, Schiffman CJ, Sharareh B, Whitson AJ, Matsen FA, Hsu JE; “Anatomic Total Shoulder: Predictors of Excellent Outcomes at Five Years after Arthroplasty” *International Orthopedics* 2024 May; 48 (5): 1277-1283
- 3) Sharareh B, Whitson, Matsen F, Hsu J; “Minimum 10-year Clinical Follow-up of Anatomic Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis” *Journal of Shoulder and Elbow Surgery*. 2024 June; 33 (6): 1276-1284
- 4) Barrera L, Sharareh B, Tamma P, Shah A; “Total Intravenous Anesthesia (TIVA) Compared to Traditional General Anesthesia in Shoulder Arthroscopy in the Beach Chair Position.” *JSES International*. 2023 May 19; 7(4): 648-652
- 5) Sharareh B, Hsu J, Matsen F, Warme WJ; “Scapulothoracic Fusion for Recalcitrant Scapular Winging: 5 year clinical outcomes.” *Clinical Orthopedics and Related Research*. 2023 Dec 1, 481 (12): 2392-2402
- 6) Stenson J, Collins A, Yao J, Sharareh B, Whitson A, Matsen F, Hsu, Jason. “Factors Associated with Success of Ream-and-Run Arthroplasty at a Minimum of Five Years” *Journal of Shoulder and Elbow Surgery*. 2023 Jun; 32(6S): S85-S91
- 7) Sharareh B, Yao J, Jurgensmeier K, Schiffman C, Whitson A, Matsen F, Hsu J “Predictors of Success and Failure following Revision Shoulder Arthroplasty: results at a minimum of 2 year follow-up.” *International Orthopedics*. 2023 Mar;47(3): 831-838
- 8) Sharareh B, Yao J, Matsen F, Hsu J “What is the Optimal Management of a Loose Glenoid Component after Anatomic Total Shoulder Arthroplasty: A Systematic Review” *Journal of Shoulder and Elbow Surgery*. 2022 Nov 4; S1058-2746(22) 00805-9
- 9) Khoo K, Mclaughlin R, Sharareh B, Matsen F, Hsu J “Revision of Total Shoulder Arthroplasty to Hemiarthroplasty: Results at mean 5-year follow-up.” *Journal of Shoulder and Elbow Surgery*. 2022 Nov 5; S1058-2746 (22) 00805-9
- 10) Sharareh B, Mack C, Goldfarb C, Hunt, T; “Metacarpal Fractures in the National Football League: Incidence, Management, and Return to Play” *Journal of Hand Surgery*. 2022 April 16; S0363-5023(22)00051-X
- 11) Philipopoulos G, Sharareh B, Ganesan G, Tromberg B, Sullivan T, Schwarzkopf R; “Characterizing Tourniquet Induced Hemodynamics During Total Knee Arthroplasty

- 12) Sharareh B, Perkins C; “Variation in Management of Humeral and Clavicular Shaft Fractures Amongst Fellowship Trained Orthopedic Traumatologists” *BMC Musculoskeletal Disorders*. 2020 Sep 18;21 (1): 618
- 13) Sharareh B, Edwards TB, Shah A, Theodore S; “Variation in Technique and Post-operative Rehabilitation of the Latarjet Procedure Amongst Orthopedic Surgeons” *Journal of Shoulder and Elbow Surgery*. 2020 Aug 4; S1058-2746(20)30620
- 14) Sharareh B, Mitchell S; “Radiographic Outcomes of Dorsal Spanning Plate for Treatment of Comminuted Distal Radius Fracture in Non-Elderly Patients.” *Journal of Hand Surgery Global Online*. 2020 Mar; 2(2); 94-101
- 15) Sharareh B, Hicks J, Castro E, Bell B; “Neuromuscular Choristoma in the Forearm Manifesting as a Posterior Interosseous Nerve Palsy: A Case report.” *JBJS Case Connector*. January-March 2020; 10 (1): e0525
- 16) Walker M, Sharareh B, Mitchell SA; “Masquelet Reconstruction for Post-Traumatic Segmental Bone Defects in the Forearm.” *Journal of Hand Surgery*. 2019 April; 44(4). 342.e1-342.e8
- 17) Yari S, Jandhyala C, Sharareh B, Athiviraham A, Shybut T; “Efficacy of a Virtual Based Arthroscopy Simulator for Orthopedic Surgery Residents by Year in Training” *The Orthopaedic Journal of Sports medicine*. 2018 Nov 21; 6 (11)
- 18) Wallsh JO, Sharareh B, Gallemore R; “Therapeutic effect of dexamethasone implant in retinal vein occlusions resistant to anti-VEGF therapy” *Clinical Ophthalmology*. 2016 May 25;10:947-54
- 19) Sharareh B, Sutherland C, Pourmand D, Molina N, Nicolau, D, Schwarzkopf R; “Effect of Body Weight on Cefazolin and Vancomycin Trabecular Bone Concentrations after Conventional Prophylactic Regimens in Patients Undergoing Total Joint Arthroplasty.” *Surgical Infections*. 2016 Jan; 17(1):71-7
- 20) Sharareh B, Phan DL, Schwarzkopf R; “Metallosis Presenting as Knee Pain, 26 years after Primary Total Knee Arthroplasty.” *Journal of Orthopaedic Case reports*. 2015 June; 5 (2) 62-65
- 21) Sharareh B, Woolwine S, Satish S, Abraham P, Schwarzkopf R; “Real-time intraoperative monitoring of blood loss with a novel tablet application” *The Open Orthopaedics Journal*. 2015 Aug 31;9:422-6.
- 22) Sharareh B, Schwarzkopf R; “Dysbaric Osteonecrosis: A Literature Review of Pathophysiology, Clinical Presentation and Management” *Clinical Journal of Sports Medicine*. 2015 Mar; 25 (2) 153-161

- 23) Sharareh B, Le N, Hoang M, Schwarzkopf R; “Factors Determining Discharge Destination for Patients Undergoing Total Joint Replacement” *Journal of Arthroplasty*. 2014 Jul; 29(7):1355-1358
- 24) Sharareh B, Schwarzkopf R; “Accuracy and Surgical Efficiency of Total Knee Arthroplasty with Patient Specific Instrumentation: systemic review and meta-analysis” *Journal of Orthopaedic Surgery*. 2015 Apr;23(1):100-106.
- 25) Sharareh B, Schwarzkopf R; “Effectiveness of Telemedical Applications in Postoperative Followup after Total Joint Arthroplasty” *Journal of Arthroplasty*. 2014 May;29(5):918-922
- 26) Sharareh B, Gallemore RP; “Reply to Correspondence: Recalcitrant Macular Edema After Intravitreal Bevacizumab is Responsive to an Intravitreal Dexamethasone Implant in Retinal Vein Occlusion.” *Retina*. 2013 Nov-Dec;33(10):2189-2190
- 27) Wallsh JO, Gallemore, RP, Taban M, Hu C, Sharareh, B; “Pars Plana Ahmed Valve and Vitrectomy in Patients With Glaucoma Associated With Posterior Segment Disease” *Retina*. 2013 Nov-Dec; 33(10):2059-2068
- 28) Sharareh B, Gallemore RP, Taban M, Onishi S, Wallsh J. “Recalcitrant Macular Edema After Intravitreal Bevacizumab is Responsive to an Intravitreal Dexamethasone Implant in Retinal Vein Occlusion. *Retina*. June 2013, 33 (6), p 1227-1231
- 29) Gallemore RP, Walsh J, Sharareh B, Gallemore E; “Management of Retinal Vein Occlusion: What the Clinical Trials Tell Us. Demystifying the studies for some practical clinical guidelines” *Retina Today*. April 2013. 64-67
- 30) Culjat MO, Singh RS, Utley CD, Vampola SP, Sharareh B, Lee H, Brown ER, Grundfest WS; “A flexible, conformal ultrasound array for medical imaging”. *Stud Health Technol Inform*. 2008;132: 95-97

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## **BOOK CHAPTERS**

- 1) Sharareh B, Schwarzkopf R. “Total Hip Arthroplasty for Treatment of Displaced Femoral Neck Fractures” *Modern techniques in Total Hip Arthroplasty: From Primary to Complex*. JayPee Brothers. Ch. 15, Pg 134-140. February 2014
- 2) Sharareh B, Hsu J, “Disorders of the Sternoclavicular joint.” *AAOS Comprehensive Orthopaedic Review*. Chapter 79, 4<sup>th</sup> edition.

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## **PRESENTATIONS/ABSTRACTS**

- 1) Mills Z, Schiffman C, Sharareh B, Whitson A, Matsen FA, Hsu J “Minimum 5-year Followup after Anatomic Total Shoulder Arthroplasty: Predictors of Excellent Outcomes” Poster presentation. AAOS Annual Meeting. Las Vegas, 2023
- 2) Sharareh B, Whitson, Matsen F, Hsu J; “Minimum 10-year Clinical Follow-up of Anatomic Shoulder Arthroplasty for Primary Glenohumeral Osteoarthritis.” Podium

presentation. Association of Shoulder and Elbow Surgeons (ASES) Annual meeting. Atlanta, Oct 2022.

- 3) Sharareh B, Warme WJ; “Scapulothoracic Fusion for Recalcitrant Scapular Winging: 5 year clinical outcomes.” Poster presentation. Association of Shoulder and Elbow Surgeons (ASES) Annual meeting. Atlanta, Oct 2022.
- 4) Sharareh B, Panebianco A, Whitson, Anastasia, Stenson J, Hsu J, Matsen FA; “Dynamics of Cutibacterium on the Skin of Shoulder Arthroplasty Patients over the Perioperative Surgical period” Poster presentation. AAOS Annual Meeting. Chicago, 2022.
- 5) Sharareh B, Yao J, Jurgensmeier K, Schiffman C, Whitson A, Matsen F, Hsu J “Predictors of Success and Failure following Revision Shoulder Arthroplasty: results at a minimum of 2 year follow-up.” Podium presentation. AAOS Annual Meeting. Chicago, 2022.
- 6) Stenson J, Yao J, Sharareh B, Hsu J, Matsen F. “What Factors Are Associated With a Successful Mid-Term Outcome After Ream-and-Run Arthroplasty: Minimum 5-year Follow-up in 166 Patients” Poster presentation. AAOS Annual Meeting. Chicago, 2022.
- 7) Barrera L, Sharareh B, Tamma, Poornima, Shah A; “Total Intravenous Anesthesia (TIVA) Compared to Traditional General Anesthesia in Shoulder Arthroscopy.” Podium presentation. AAOS Annual Meeting. Chicago, 2022.
- 8) Sharareh B, Mitchell S; “Radiographic Outcomes of Dorsal Spanning Plate for Treatment of Comminuted Distal Radius Fracture in Non-Elderly Patients” ” *Hand Society’s 74<sup>nd</sup> Annual Meeting*. Las Vegas, NV from September 5-7, 2019
- 9) Yari S, Jandhyala C, Sharareh B, Athiviraham A, Shybut T; Efficacy of an Arthroscopic Virtual Based Simulator for Orthopedic Surgery Residents by Year in Training. AOSSM 2018 Annual Meeting.
- 10) Sharareh B, Mitchell S; “Radiographic Outcomes of Dorsal Spanning Plate for Treatment of Comminuted Distal Radius Fracture in Non-Elderly Patients” *Western Orthopedic Association*. Podium presentation. August 1<sup>st</sup>, 2019
- 11) Sharareh B, Walker M, Mitchell S; “Masquelet Reconstruction for Post-Traumatic Segmental Bone Defects in the Forearm” ORS Regional Symposium. Houston, Tx. October 13, 2017
- 12) Yari S, Jandhyala C, Sharareh B, Athiviraham A, Shybut T; Efficacy of an Arthroscopic Virtual Based Simulator for Orthopedic Surgery Residents by Year in Training. ORS Regional Symposium. ORS Regional Symposium. Houston, Tx. October 13, 2017
- 13) Walker M, Sharareh B, Mitchell S; “Masquelet Reconstruction for Post-Traumatic Segmental Bone Defects in the Forearm” *Hand Society’s 72<sup>nd</sup> Annual Meeting*. San Francisco, CA from September 7-9, 2017

- 14) Sharareh B, Mayer R, Ganesan Goutham, Schwarzkopf R; "Effect of tourniquet and reperfusion on lower extremity oxygenation during total knee arthroplasty" 2015 Translational research Day. UC Irvine, School of Medicine, May 12<sup>th</sup> 2015
- 15) Sharareh B, Schwarzkopf R. Effect of Body Weight on Cefazolin and Vancomycin Trabecular Bone Concentrations After Conventional Prophylactic Regimens in Patients Undergoing Total Joint Arthroplasty. *AAOS Annual Meeting*, Las Vegas, 2015.
- 16) Sharareh B, Schwarzkopf R "Effect of Body Weight on Cefazolin and Vancomycin Trabecular Bone Concentrations After Conventional Prophylactic Regimens in Patients Undergoing Total Joint Arthroplasty" AAHKS Annual Meeting. Dallas, Tx. November 8th, 2014. Poster presentation
- 17) Sharareh B, Schwarzkopf R. "Factors Determining Discharge Destination for Patients Undergoing Total Joint Replacement" Western Orthopaedic association. Big Island, HI. August 1<sup>st</sup>, 2014. Podium presentation
- 18) Sharareh B, Schwarzkopf R. "Accuracy and Surgical Efficiency of Total Knee Arthroplasty with Patient Specific Instrumentation: systematic review and meta-analysis" Western Orthopaedic association. Big Island, HI. July 31<sup>st</sup>-August 1 2014. Poster presentation
- 19) Sharareh B, Woolwine S, Satish S, Abraham P, Schwarzkopf R. "Real time intraoperative monitoring of blood loss with a novel tablet device" 2014 Translational Research Day. University of California Irvine, June 2014. Poster presentation
- 20) Gallemore RP, Walsh JO, Sharareh B, Lui S. "Dexamethasone Implant Improves Retinal Function in Retinal Vein Occlusions Recalcitrant to Anti-VEGF Therapy" ASRS Annual meeting. San Diego, CA. August 24<sup>th</sup>, 2013. Poster presentation
- 21) Sharareh B, Schwarzkopf R. "Arthroscopic Lysis of Adhesions for Stiff Total knee Replacement. Does it Work?" Western Orthopaedic association. Lake Tahoe, CA. August 2<sup>nd</sup> 2013. Podium presentation
- 22) Sharareh B, Schwarzkopf R. "Outcomes of Total Hip Arthroplasty in Human Immunodeficiency Virus-Positive Patients" Western Orthopaedic association. Lake Tahoe, CA. August 2<sup>nd</sup> 2013. Podium presentation
- 23) Sharareh B, Schwarzkopf R. "Effectiveness Of Telemedicine Follow-Up Care Among Total Joint Replacement Patients" Western Orthopaedic association. Lake Tahoe, CA. August 1<sup>st</sup> 2013. Podium presentation
- 24) Sharareh B, Onishi, S, Wallsh, J, Taban M, Gallemore R, "Recalcitrant Macular Edema Following Anti-VEGF Injections Is Responsive To An Intravitreal Dexamethasone Implant In Retinal Vein Occlusion" ARVO Visionary Genomics May 4<sup>th</sup> 2011 Fort Lauderdale, Fl. Poster presentation

- 25) Moon E, Taban M, Sharareh B, Wallsh J, Gallemore R, “Monthly versus PRN Ranibizumab for Neovascular AMD: A Randomized Phase 2 Open-Label Study” ARVO Visionary Genomics May 4<sup>th</sup> 2011 Fort Lauderdale, Fl. Poster presentation
- 26) Wallsh J, Taban M, Sharareh B, Moon E, Gallemore R, “Exploratory Study of Nepafenac as Adjunctive Therapy for Diabetic Macular Edema” ARVO Visionary Genomics May 4<sup>th</sup> 2011 Fort Lauderdale, Fl. Poster presentation
- 27) Bennett DB, Culjat MO, Williams K, Sharareh B, Tewari P, Lee H, Brown ER, Grundfest WS, Singh RS “Micro-machined Flexible Conformal Ultrasound Transducer Arrays based on Polyimide Joints” Smart Structures and Materials & Nondestructive Evaluation and Health Monitoring 16th Annual International Symposium. San Diego, CA. March 11 2009. Poster presentation.
- 28) Sharareh B, Bennett D, Williams K, Singh R, Culjat M, Natarajan S, Tewari P, Lee M, Brown ER, Lee H, Grundfest WS. “A Flexible, Conformal Ultrasound Array for Medical Imaging.” 2008 UCLA Technology Forum. May 27<sup>th</sup> 2008. Poster presentation
- 29) Sharareh B, Vampola SP, Singh RS, Culjat M, Brown ER, Grundfest WS . “Evaluation of Assembly Variations in Ultrasound Transducer Array Fabrication,” 2007 Biomedical Engineering Society Fall Annual Meeting. Los Angeles, CA Sept 2007. Poster presentation
- 30) Culjat MO, Singh RS, Tewari P, Bennett DB, Natarajan S, Sharareh B, Lee H, Brown ER, Grundfest WS. “Flexible Conformal Ultrasound Transducers for Imaging of Soft and Hard tissues,” UCLA Engineering 2008 Technology Forum, Los Angeles, CA. May 27<sup>th</sup>, 2008. Poster presentation

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## **SOCIETY MEMBERSHIPS**

Association of Shoulder and Elbow Surgeons (ASES)	2020-present
American Academy of Orthopedic Surgeons (AAOS)	2016-present
American Orthopedic Association	2016-present
Alpha Omega Alpha (AOA)	2015-present
Gold Humanism Honor Society (GHHS)	2015-Present

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## **LANGUAGE FLUENCY**

English (Native/functionally native), Farsi (Native/functionally native), Spanish (fair/conversational)