

ANUP SHAH MD, MBA

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Scottsdale, AZ 85256

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EXECUTIVE PROFILE

Sports Medicine and Shoulder Surgeon, section chief, educator, and business leader who is dedicated to excellence in orthopedic surgery, patient care, and committed to growth and expansion. Consistently noted for team coverage and for empowering entire clinical team, non-operative orthopedic physicians, physician assistants, nursing, and support staff. Leverage strong work ethic and vibrancy to achieve a high-volume practice with a patient/athlete centric focus. Transparent, effective communicator who strives relentlessly to become a better influencer. Energetic, family-oriented physician for whom growth is a professional and personal driver. Key competencies include:

- Orthopedic sports medicine and shoulder surgery (including shoulder arthroplasty, revision, and complex reconstructions)
- Served in role of Section Chief of Orthopedics at St. Luke's Medical Center, involving business development, physician credentialing, medical executive responsibilities, infection mitigation and peer review
- Currently serving as Associate Fellowship Director of Orthopedic Sports Medicine Fellowship program, Team Physician for NBA Phoenix Suns and MLB Milwaukee Brewers
- Educating and mentoring athletic trainers, physician assistants, residents, and fellows (including research and publications)
- Lifelong learning – completed an MBA at Rice University to improve non-technical factors and enhance ability to build and lead clinical practices and systems in an ever-evolving healthcare environment
- Delivering value in research, presentations, and media contributions

BOARD CERTIFICATION

American Board of Orthopedic Surgery
Certificate of Added Qualification (CAQ) in Orthopedic Sports Medicine

STATE MEDICAL LICENSES

Arizona, License Number 62923

Texas, License Number M7614

PRACTICE

Banner University Medical Group, 2021-Present, Phoenix, AZ

University of Arizona – College of Medicine

Clinical Associate Professor – University of Arizona at Phoenix

Associate Director, Orthopedic Sports Medicine Fellowship

Faculty Advisor - Building the Next Generation of Academic Physicians (BNGAP)

Clinical Skills Advisor/Scholarly Project Mentor/Facilitator

Orthopedic Sports Medicine Institute

Team Physician for NBA Phoenix Suns and MLB Milwaukee Brewers

Head Orthopedic Team Physician for NBA Valley Suns – G League

Head Orthopedic Team Physician Barry Goldwater, Paradise Valley, and Pinnacle High Schools

Kelsey-Seybold Clinic, 2011- 2021, *Private Practice - Houston, TX*

St. Luke's/CHI/Baylor Hospital, *Section Chief of Orthopedic Surgery - Houston, TX*

Baylor College of Medicine, 2011 – 2021

Clinical Assistant Professor of Orthopedic Surgery

Team Physician for Texas Southern University

Sports Rotation Attending Surgeon

Atlanta Sports Medicine and Orthopedic Center, 2010-2011, *Private Practice – Atlanta, GA*

EDUCATION

Banner Health, Phoenix, AZ

Advanced Leadership Program, 2022-2023

Rice University, Houston, TX

Executive Master of Business Administration, Class of 2022

Rice University, Houston, TX
Graduate Certificate in Health Care Management, 2016-2017

Harvard Medical School/Massachusetts General Hospital, Boston, Massachusetts
Shoulder and Elbow Fellowship, 2009-2010
Alps Surgery Institute, Annecy, France – Dr. Laurent LaFosse, October 2009
Balgrist University, Zurich, Switzerland – Professor Christian Gerber, September 2009

Baylor College of Medicine, Houston, Texas
Sports Medicine & Arthroscopy Fellowship, 2008-2009
Fellow coverage for *NFL Houston Texans, MLB Houston Astros, MLS Houston Dynamo*

University of Texas Health Science Center at San Antonio
Orthopedic Surgery Residency, 2004-2008

University of Texas Health Science Center at San Antonio
General Surgery Internship, 2003-2004

New York Medical College, Westchester, New York
Academic Year of Supervised Clinical Training, 2001-2002

Semmelweis Medical University, Budapest, Hungary
Medical School, 1996-2003

PROFESSIONAL SOCIETIES

NBA Physicians Association, 2021-Present

ASES – American Shoulder and Elbow Society (Active Member)
Technology Committee, 2020-2024
Membership Committee, 2024-Present
Practice Management Task Force Committee, 2022-Present

AAOS - American Academy of Orthopedic Surgeons
Shoulder and Elbow Content Committee, 2025-Present
Shoulder and Elbow Program Committee, 2025-Present
Clinical Practice Guidelines Group – Management of Rotator Cuff Injuries, 2023-present
Sports Medicine Committee, 2019-2024

AOSSM - American Orthopedic Society for Sports Medicine
Research Committee, 2022-present
Council of Delegates, 2022-present

AANA - Arthroscopy Association of North America

COMMITTEES

Banner Health System
Orthopedic Clinical Consensus Group

St. Luke's Episcopal Hospital
Medical Executive Committee
Professional Practice Excellence Committee (Peer Review Committee)
Surgical Services and Best Practices Committee
Surgical Site Infection Committee

Kelsey Seybold Clinic
ASC Medical Staff Leadership Committee
Nominations Committee 2014

HONORS / ACHIEVEMENTS / CONSULTING / BOARDS

Patents – Proximal Humeral Plate Concept Sold to Arthrex in 2025
1. U.S. Patent No. D816,840, issued May 1, 2018, expires May 1, 2032, is a design patent claiming one example of the visual ornamental design of your invention

2. U.S. Patent No. 10,238,438, issued March 26, 2019, expires September 7, 2036, is a utility patent claiming a multi-planar screw orientation fracture plate
3. U.S. Patent No. D871,578, issued December 31, 2019, expires December 31, 2034, is a design patent claiming another example of the visual ornamental design of your invention
4. U.S. Patent No. D879,296, issued on March 24, 2020, expires on March 24, 2035, is a design patent claiming yet another example of the visual ornamental design of your invention
5. U.S. Patent No. 10,966,766, issued on April 6, 2021, expires on December 15, 2035, is a utility patent claiming treating a fracture using your multi-planar screw orientation fracture plate
6. U.S. Patent Application Serial No. 17/222,232, filed April 5, 2021, is currently pending.

B2F2 – Founder, CEO, President

Right Mechanics – Co-Founder

Precise Telehealth – Board Member

Unequal Technologies – Advisory Board

Arthrex – Research/Education consultant

Medacta – Design consultant

Texas Medical Center Innovation Institute – Advisory Board

100 Club – Board Member

Provides funds to dependents of Peace Officers and Firefighters who are killed in the line of duty, educational opportunities, and life-saving equipment

Best Surgeon – Fort Bend County, Reader's Choice, 2016
 Best Surgeon Finalist in Fort Bend County – 2015
 SUPER Doctors, Texas, Rising Stars Edition
 Top Doctor in Houston, TX
 Top Doctor in Phoenix, AZ

AANA (Arthroscopy Association of North America) Instructor
 Instructor at Master Shoulder Arthroscopy Courses

Reviewer

Journal of Bone and Joint Surgery
 Journal of Arthroscopy
 Journal of Shoulder and Elbow Surgery
 International Journal of Shoulder Surgery

American Shoulder and Elbow Surgeons, 2012
 Winner of Post Award

Texas Orthopedic Association, 2008
 First Place: Best Paper; First Place: Resident Quiz Bowl

Semmelweis Medical University
 Graduated *Summa Cum Laude*, top 1% of medical school class
 First Place: Biochemistry competition; Second place: Anatomy/Histology competition

PEER REVIEWED PUBLICATIONS

1. Paul B, Robaina J, Vohra A, Carter T, **Shah AA**. Myths in Allografts in ACL Reconstruction: A Review of the Literature. Accepted to *JBJS Reviews*.
2. Parmar R, Cronen A, Hui C, Stickels M, Lederman E, **Shah AA**. Testosterone Replacement Therapy is Not Associated with Greater Revision Rates in Reverse Shoulder Arthroplasty. Accepted to *JCM*
3. Paul B, Galal Y, Sheth M, **Shah AA**. Neurologic Complications in Shoulder Surgery: Anatomy, Mechanisms, and Surgical Recommendations. Accepted to *JAAOS Global Reviews*
4. Lubitz M, **Shah AA**, Lederman E. The Latarjet Procedure for Recurrent Instability. Accepted to *Video Journal of Sports Medicine*.

5. Galal Y, Vohra A, Saunders P, Paul B, Hui C, Yao S, Lederman E, McKee M, **Shah AA**. Quantifying Distal Deltoid Disruption with Linear versus Curvilinear Plating of Proximal Humerus Fractures: A Cadaveric Study. *J Orthop Trauma*. 2024 Oct 1;38(10):566-570. doi: 10.1097/BOT.0000000000002871. PMID: 39325054.
6. Gaidici A, Galal Y, Vohra A, **Shah AA**. Dermal Allograft Augmentation for Large and Massive Rotator Cuff Tears and Revisions: A Case Series. *Cureus* 16(3): e57090. doi:10.7759/cureus.57090
7. Gulbrandsen M, McDaniel L, Hui CH, Brown J, Taka T, Lubitz M, **Shah AA**, Evan S. Lederman, Phipatanakul W. Identification of an Anatomical Safe Zone for Humeral Cerclage Passage, *JSES International*, 2024 ISSN 2666-6383, <https://doi.org/10.1016/j.jseint.2024.08.187>.
8. **Shah AA**, Sheth M, McKee M, Lederman E. Evolution of Reverse Shoulder Arthroplasty Design Rationales and Where We Are Now. *J Am Acad Orthop Surg*. 2024 Aug 16. doi: 10.5435/JAAOS-D-23-01265. Epub ahead of print. PMID: 39168092.
9. Vohra A, Paul B, Saunders P, Galal Y, Yao S, Hui C, Lederman E, McKee M, **Shah AA**. Anatomic variations of the deltoid muscle insertion: a cadaveric study. *JSES Int*. 2024 Feb 17;8(3):546-550. doi: 10.1016/j.jseint.2024.01.013. PMID: 38707574; PMCID: PMC11064717.
10. **Shah AA**, Werner B, Gobeze R, Denard P, Harmsen S, Brolin T, Bercik M, Thankur S, Doody S, Knopf D, Metcalfe N, Lederman E. Quantifying bone loss and lateralization with standardized baseplate versus augmented baseplates. *JSES Int*. 2024 May 6;8(5):1055-1062. doi: 10.1016/j.jseint.2024.04.014. PMID: 39280152; PMCID: PMC11401572.
11. Sheth M, Kitziger R, **Shah AA**. Understanding loss of internal rotation after reverse shoulder arthroplasty: a narrative review of current literature. *JSES Rev Rep Tech*. 2024 Mar 21;4(4):647-653. doi: 10.1016/j.xrrt.2024.03.001. PMID: 39474190; PMCID: PMC11514081.
12. Galal Y, Sheth M, Lederman E, **Shah AA**. Return to Golf Rate Following Shoulder Arthroplasty: A Systematic Review and Meta-Analysis. *Orthopaedic Journal of Sports Medicine*. 2024;12(2). doi:10.1177/23259671241230080
13. **Shah AA**, Galal Y, Werner B, Gobeze R, Denard P, Lederman E. Obesity is Associated with Improvement in Functional Outcome but Lowers Internal Rotation after Reverse Shoulder Arthroplasty. *JSES Int*, 2023, ISSN 2666-6383, doi:10.1016/j.jseint.2023.08.021.
14. Hwang S, Ardebol J, Ghayyad K, Pak T, Bonadiman JA, Denard PJ, Menendez ME; PacWest Shoulder Study Group. Remote visual estimation of shoulder range of motion has generally high interobserver reliability but limited accuracy. *JSES Int*. 2023 Jul 29;7(6):2528-2533. doi: 10.1016/j.jseint.2023.07.002. PMID: 37969522; PMCID: PMC10638579.
15. Barrera L, Sharareh B, Tamma P, **Shah AA**. Total intravenous anesthesia compared to traditional general anesthesia in shoulder arthroscopy with interscalene block in the beach chair position. *JSES Int*. 2023 May 19;7(4):648-652. doi: 10.1016/j.jseint.2023.04.009. PMID: 37426922; PMCID: PMC10328765.
16. Sheth MM, **Shah AA**. Massive and Irreparable Rotator Cuff Tears: A Review of Current Definitions and Concepts. *Orthop J Sports Med*. 2023 May 10;11(5):23259671231154452. doi: 10.1177/23259671231154452. PMID: 37197034; PMCID: PMC10184227.
17. Menendez ME, Suleiman SY, Denard PJ, **PacWest Shoulder Study Group (Shah AA)**. Surgeon variation in glenoid bone reconstruction procedures for shoulder instability. *J Shoulder Elbow Surg* 2023 Jan;32(1):133-140. doi: 10.1016/j.jse.2022.09.001. Epub 2022 Oct 5. Pub Med ID: 36208672
18. **Shah AA**, Galal Y, Denard P, Lederman E, Werner B. Humeral Head Osteophyte Size and Correlation to Patient Outcomes after Shoulder Arthroplasty. *Seminars in Arthroplasty*: JSES, 2022, ISSN 1045-4527.
19. **Shah AA**, Van Thiel G. Anterior cruciate ligament reconstruction with a biocomposite interference screw maintains graft fixation survival and improves clinical outcomes at 1 year: A multicenter prospective case series. *Heliyon*. 2023 Oct 12;9(10):e20921. doi: 10.1016/j.heliyon.2023.e20921. PMID: 37867815; PMCID: PMC10585286.
20. **Shah AA**, Yari S, Murphy G, Drummond J. Medicolegal Considerations in the Beach Chair Position. Editorial/Commentary. Submitted to *Journal of Shoulder and Elbow Surgery*.
21. Lederman ES, **Shah AA**. A ratio estimating glenoid bone loss. *JSES Int*. 2022 May 28;6(5):763-768. doi: 10.1016/j.jseint.2022.05.001. PMID: 36081688; PMCID: PMC9446068.
22. Hughes JD, Davis B, Whicker E, Spowls GR, Barrera L, Baradaran A, Sabzevari S, Burnham JM, **Shah AA**, Lin A. Nonarthroplasty options for massive, irreparable rotator cuff tears have improvement in range of motion and patient-

reported outcomes at short-term follow-up: a systematic review. *Knee Surg Sports Traumatol Arthrosc.* 2022 Aug 16. doi: 10.1007/s00167-022-07099-9. Epub ahead of print. PMID: 35972518.

23. Davis B, Phillips T, Barron O, Heldt B, Bratsman A, Pettit R, **Shah AA**. Venous thromboembolism prophylaxis after ambulatory arthroscopic knee surgery: a systematic review and meta-analysis of incidence and risk factors (109). *Orthop J Sports Med.* 2021 Oct 29;9(10 suppl5):2325967121S00259. doi: 10.1177/2325967121S00259. PMCID: PMC8559294.
24. Davis B, Patel D, Coleman M, **Shah, AA**. Hemarthrosis resulting from venous thromboembolism prophylaxis in the postoperative ambulatory orthopedic sports medicine patient: a retrospective study of rivaroxaban versus enoxaparin. *Acta Scientific Orthopaedics* 2021; 4(11): 4-13.
25. Davis B, Shybut T, Coleman M, **Shah AA**. Risk Factors for Hardware Removal Following Operative Treatment of Middle and Distal Third Clavicle Fractures. *J Shoulder Elbow Surg.* 2021; 30(3): e103-e113. PMID: 32663568.
26. Yari SS, El Naga AN, Patel A, Qadeer AA, **Shah AA**. TightRope Versus Biocomposite Interference Screw for Fixation in Allograft ACL Reconstruction: Prospective Evaluation of Osseous Integration and Patient Outcomes. *JB JS Open Access.* 2020 Apr 2;5(2):e0057. doi: 10.2106/JBJS.OA.19.00057. PMID: 33123662; PMCID: PMC7418916. Grants received, **Arthrex: \$50,000 and RTI: \$5,000.**
27. Raiss P, Edwards TB, Deutsch A, **Shah AA**, Bruckner T, Loew M, Boileau P, Walch G. Radiographic changes around humeral components in shoulder arthroplasty. *J Bone Joint Surg Am.* 2014 Apr 2;96(7):e54. doi: 10.2106/JBJS.M.00378. PMID: 24695931.
28. Butler BR, Byrne AN, Higgins LD, **Shah AA**, Fowler RL. Results of the repair of acute rotator cuff tears is not influenced by tear retraction. *Int J Shoulder Surg.* 2013 Jul;7(3):91-9. doi: 10.4103/0973-6042.118906. PMID: 24167400; PMCID: PMC3807951.
29. **Shah AA**, Butler RB, Romanowski J, Goel D, Karadagli D, Warner JJ. Short-term complications of the Latarjet procedure. *J Bone Joint Surg Am.* 2012 Mar 21;94(6):495-501. doi: 10.2106/JBJS.J.01830. PMID: 22318222.
30. **Shah AA**, Butler RB, Fowler R, Higgins LD. Posterior capsular rupture causing posterior shoulder instability: a case report. *Arthroscopy.* 2011 Sep;27(9):1304-7. doi: 10.1016/j.arthro.2011.04.005. Epub 2011 Jul 31. PMID: 21803532.
31. **Shah AA**, Butler RB, Sung SY, Wells JH, Higgins LD, Warner JJ. Clinical outcomes of suprascapular nerve decompression. *J Shoulder Elbow Surg.* 2011 Sep;20(6):975-82. doi: 10.1016/j.jse.2010.10.032. Epub 2011 Feb 1. PMID: 21277808.
32. Lafosse L, **Shah AA**, Butler RB, Fowler RL. Arthroscopic biceps tenodesis to supraspinatus tendon: technical note. *Am J Orthop (Belle Mead NJ).* 2011 Jul;40(7):345-7. PMID: 22013570.
33. **Shah AA**, Brien A, Lowe WR. Radiographic results of femoral tunnel drilling through the anteromedial portal in anterior cruciate ligament reconstruction. *Arthroscopy.* 2010 Dec;26(12):1586-92. doi: 10.1016/j.arthro.2010.05.007. PMID: 20926230.
34. **Shah AA**, McCulloch PC, Lowe WR. Failure rate of Achilles tendon allograft in primary anterior cruciate ligament reconstruction. *Arthroscopy.* 2010 May;26(5):667-74. doi: 10.1016/j.arthro.2010.02.031. PMID: 20434665.
35. Warner JP, **Shah AA**. Shoulder Arthroplasty: State of the Art - Cuff Deficiency and Arthroplasty. ***Instructional Course Lecture, Volume 60.***
36. Lafosse L, Boyle S, Gutierrez-Aramberri M, **Shah AA**, Meller R. Arthroscopic Latarjet procedure. *Orthop Clin North Am.* 2010 Jul;41(3):393-405. doi: 10.1016/j.ocl.2010.02.004. PMID: 20497814.
37. Vezeridis PS, Goel DP, **Shah AA**, Sung SY, Warner JJ. Post arthroscopic arthrofibrosis of the shoulder. *Sports Med Arthrosc Rev.* 2010 Sep;18(3):198-206. doi: 10.1097/JSA.0b013e3181ec84a5. PMID: 20711052.
38. **Shah AA**, Milos S, Deutsch A. The strength and effects of humeral rotation on single- versus double-row repair techniques in small rotator cuff tears. *Orthopedics.* 2010 Jan;33(1):22. doi: 10.3928/01477447-20091124-12. PMID: 20055350.
39. **Shah AA**, Kang P, Deutsch A. Radiofrequency, and its Effect on Suture Strength. ***Orthopedics*** 2009; 32; 894-898. PMID: 19968222
40. **Shah AA**, Deutsch, A. Rotator Cuff Repair in the Athlete. ***Minerva Ortopedica e Traumatologica*** 2009;60(4); 275-283.

41. **Shah AA**, Heckman MM, Gilley JS. Recessed femoral interference screws in anterior cruciate ligament reconstruction. *Am J Orthop (Belle Mead NJ)*. 2009 Jun;38(6):291-4. PMID: 19649346.

PODIUM AND POSTER PRESENTATIONS

1. **Orthopedic Research Society (ORS), 2025**, Poster Presentation. Elias L., **Shah AA.**, Hustedt J., Allen M., Lederman E. Risk Factors And Shoulder Arthroplasty Types Impacting Postoperative Venous Thromboembolism Rates: A National Database Study.
2. **Arthroscopy Association of North America, 2025**, Poster Presentation. Vohra A, Patel M, Lederman E, **Shah AA.** More Reoperations After Free Bone Block than Latarjet for Anterior Shoulder Instability (Three Years).
3. **Orthopedic Research Society (ORS), 2023**, Poster Presentation. Vohra A, Parmar R, Hui C, Hustedt J, Lederman E, **Shah AA.** Rotator Cuff Repair in Patients Older than Sixty is Associated with Low Rates of Revision to Reverse Total Shoulder Arthroplasty.
4. **American Academy of Orthopedic Surgeons (AAOS), 2025**, Stickels M, Woodrow M, Hui C, Lederman E, **Shah AA.** Testosterone Replacement Therapy Increases Revision Rates of Anterior Cruciate Ligament Reconstruction with Two-Year Follow Up
5. **Arthroscopy Association of North America, 2024.** **Shah AA**, Brown L. Financial Considerations in Taking Call.
6. **Shoulder 360, 2024**, Elias L, **Shah AA**, Hustedt J, Johnson K, Lederman E. Incidence Rates of Venous Thromboembolism (VTE) Following Shoulder Arthroplasty in Patients with Prior History of VTE.
7. **Shoulder 360, 2024**, Elias L, **Shah AA**, Hustedt J, Johnson K, Lederman E. Comparison of Venous Thromboembolism (VTE) Rates in Anatomic vs Reverse Total Shoulder Arthroplasty.
8. **American Academy of Orthopedic Surgeons (AAOS), 2024**, Lederman E, Lubitz M, **Shah AA.** OrthoDome presentation, Femoral Head Allograft for Glenoid Reconstruction
9. **Shoulder 360, 2023**, Poster Presentation. Vohra A, Galal Y, Patel M, Lederman E, **Shah AA.** Subsequent Surgeries and Revisions after Arthroscopic Anterior Capsulorraphy.
10. **Shoulder 360, 2023**, Poster Presentation. Galal Y, Vohra A, Lederman E, Werner B, Denard P, **Shah AA.** Deltoid Length Measurement in Preoperative Planning. Clinical and Functional Outcomes Post Reverse Shoulder Arthroplasty.
11. **Orthopedic Research Society (ORS), 2023**, Poster Presentation. **Shah AA**, Galal Y, Denard P, Lederman E, Werner B. Humeral Head Osteophyte Size and Correlation to Patient Outcomes after Shoulder Arthroplasty.
12. **International Congress of Shoulder and Elbow Surgery (ICES), 2023**, Poster Presentation. **Shah AA**, Galal Y, Denard P, Lederman E, Werner B. Humeral Head Osteophyte Size and Correlation to Patient Outcomes after Shoulder Arthroplasty.
13. **Orthopedic Summit Evolving Techniques (OSET), 2022**, Podium Presentation. Warda A, Vohra A, Hui C, Deeyor S, Hustedt J, Lederman E, McKee M, **Shah AA.** Rotator Cuff Repair to Reverse Total Shoulder Arthroplasty (rTSA) Versus Subsequent Shoulder Procedures (SSP).
14. **American Academy of Orthopedic Surgeons (AAOS), 2022**, Podium Presentation. Barrera L, Sharareh B, Tamma P, **Shah AA.** Total Intravenous Anesthesia (TIVA) Compared to Traditional General Anesthesia in Shoulder Arthroscopy in the Beach Chair Position.
15. **American Orthopaedic Society for Sports Medicine (AOSSM), 2022.** Podium Presentation. Barrera L, Sharareh B, Tamma P, **Shah AA.** Total Intravenous Anesthesia (TIVA) Compared to Traditional General Anesthesia in Shoulder Arthroscopy in the Beach Chair Position.
16. **Western Orthopedic Association (WOA) 2022**, Podium Presentation. Vohra A, **Shah AA.** Incidence of conversion from Total Shoulder Arthroplasty to Reverse Total Shoulder Arthroplasty.
17. **EFORT 2021.** **Shah AA**, Van Thiel G. Graft Fixation Survival and Clinical Outcomes 1 Year Following Anterior Cruciate Ligament Reconstruction with a Biocomposite Interference Screw: A Multicenter Prospective Case Series.

18. **American Orthopaedic Society for Sports Medicine (AOSSM) – Arthroscopy Association of North America (AANA) Combined Meeting 2021.** Poster Presentation - Davis B, Barron OA, Heldt BL, Pettit RW, Bratsman AT, **Shah AA.** Venous Thromboembolism Prophylaxis After Ambulatory Arthroscopic Knee Surgery: A Systematic Review and Meta-Analysis of Incidence and Risk Factors.
19. **Taub and Alexander Medical Student Research Symposium, 2021. 2nd Place.** Barrera L, Sharareh B, Tamma P, **Shah AA.** Total Intravenous Anesthesia (TIVA) Compared to Traditional General Anesthesia in Shoulder Arthroscopy in the Beach Chair Position.
20. **American Academy of Orthopedic Surgeons 2021.** Poster Presentation - Davis B, Barron OA, Heldt BL, Pettit RW, Bratsman AT, **Shah AA.** Venous Thromboembolism Prophylaxis After Ambulatory Arthroscopic Knee Surgery: A Systematic Review and Meta-Analysis of Incidence and Risk Factors.
21. **Arthroscopy Association of North America (AANA), 2020.** Podium Presentation. Davis B, Patel D, Coleman M, **Shah, AA.** Hemarthrosis resulting from venous thromboembolism prophylaxis in the postoperative ambulatory orthopedic sports medicine patient: a retrospective study of rivaroxaban versus enoxaparin.
22. **Arthroscopy Association of North America (AANA) 2020.** Poster Presentation - Davis B, Barron OA, Heldt BL, Pettit RW, Bratsman AT, **Shah AA.** Venous Thromboembolism Prophylaxis After Ambulatory Arthroscopic Knee Surgery: A Systematic Review and Meta-Analysis of Incidence and Risk Factors.
23. **American Academy of Orthopedic Surgeons 2019.** Poster Presentation - Yari S, El Naga A, Patel A, Qadeer A, **Shah AA.** Tightrope vs Biocomposite Interference Screw for Fixation in Allograft ACL Reconstruction. Prospective Evaluation of Osseous Integration and Patient Outcomes Grants received, **Arthrex: \$50,000 and RTI: \$5,000**
24. Szerlip BW, Morris BJ, Sheu CL, **Shah AA,** Edwards TB, Woody JT. **13th International Congress of Shoulder and Elbow Surgery (ICES),** Jeju, South Korea, May 2016. “Assessment of Glenoid Morphology: Conventional Radiographs versus Computed Tomography Scans.” Podium presentation
25. **11th International Congress on Shoulder and Elbow (2010), Edinburgh, Scotland.** Podium presentation of “Early Complications of the Latarjet Procedure”
26. **Mitek Instructional Shoulder Course – Course Faculty,** Course Chair: Dr. Laurent LaFosse, October 2009
27. **3rd Annual Sports Symposium of the Americas – Course Faculty,** Course Chair: Dr. Walter Lowe, featured Dr. James Andrews, May 2009
28. **Recessed Femoral Interference Screws in Anterior Cruciate Ligament Reconstruction,** Podium presentation at Texas Orthopedic Association (2008), Mid America Orthopedic Association (2008), Western Orthopedic Association (2007), and Aust Surgical Society Meeting (San Antonio, TX, 2006)

BOOK CHAPTERS

1. Ellenbecker T. **Shah AA,** Lederman E. Evidence Based Rehabilitation Concepts Following Reverse Total Shoulder Arthroplasty. Publication pending.
2. **Shah AA, Deutsch A.** “Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty.” Key Techniques in Orthopedic Surgery. Thieme Technique Textbook. Edited by Dr. Steven Stern, Dr. Christopher Bono, and Dr. Matthew Saltzman.
3. Deutsch A, **Shah AA.** “Arthroscopic Rotator Cuff Repair Technique.” ***Operative Techniques: Shoulder and Elbow Surgery*** edited by Donald H. Lee and Robert Neviaser.
4. Warner JP, **Shah AA.** “Open Bony Augmentation of Glenoid Bone Loss – Iliac Crest and Allograft – Surgical Technique.” ***Shoulder Instability: A Comprehensive Approach,*** edited by Dr. Matthew Provencher and Dr. Anthony Romeo.
5. **Shah AA,** Higgins LD, Warner JP. “Arthroscopic Capsular Release for the Stiff Shoulder” ***Master Techniques in Orthopedic Shoulder: The Shoulder.*** Edited by Edward Craig.

CURRENT RESEARCH

1. **Shah AA,** Hui C, Bedi A, Burrus T, Harmsen S, Lederman E. Clinical Outcomes of Peel vs Lesser Tuberosity Osteotomy Subscapularis Approach in Stemless Shoulder Arthroplasty. Submitted to JSES.

2. Elias L, **Shah AA**, Hustedt J, Johnson K, Lederman E. Incidence Rates of Venous Thromboembolism (VTE) Following Shoulder Arthroplasty in Patients with Prior History of VTE. Finalizing manuscript
3. Elias L, **Shah AA**, Hustedt J, Johnson K, Lederman E. Comparison of Venous Thromboembolism (VTE) Rates in Anatomic vs Reverse Total Shoulder Arthroplasty. Finalizing manuscript.
4. Moroder P, Siegert P, Raiss P, Denard P, Werner B, Griffin J, **Shah AA**, Lappen S. Influence of the degree of constraint of the humeral liner in reverse total shoulder arthroplasty on simulated range of motion in patients with various posture types. Finalizing manuscript.
5. Vohra A, **Shah AA**, Lederman E. An Analysis of Biceps Tenodesis Incidence Post SLAP Repair. Finalizing manuscript
6. **Shah AA**, Eisenberg M, Lederman E. Return to Golf after Shoulder Arthroplasty. Data Collection
7. Vohra A, **Shah AA**. A Biomechanics Review of ACL Allograft Testing. Manuscript in progress
8. Vohra A, Parmar R, Hui C, Hustedt J, Lederman E, Shah AA. Rotator Cuff Repair in Patients Older than Sixty is Associated with Low Rates of Revision to Reverse Total Shoulder Arthroplasty. Manuscript in process
9. Vohra A, **Shah AA**. Incidence of conversion from Total Shoulder Arthroplasty to Reverse Total Shoulder Arthroplasty. Manuscript in Progress.
10. Hui C, Vohra A, **Shah AA**. Risk Factors for Acromial Stress Fractures Post Reverse Shoulder Arthroplasty.
11. Vohra A, **Shah AA**. An Analysis of Subsequent Procedures Post Anterior Capsulorrhaphy
12. **Shah AA**, Galal Y, Lederman E, Denard P, Werner B. Radiographic Analysis of Ideal Deltoid Length Post Reverse Shoulder Arthroplasty with a 135 deg Humeral Component. Manuscript in progress.
13. **Shah AA**. Common Questions with Shoulder Arthroplasty
14. Erickson S, Deeyor S, Elias LH, Petrie C, **Shah AA**. An Investigation into Lower Extremity Musculoskeletal Injury Post-Concussion.
15. **Shah AA**. Radiographic Findings comparing Single vs Double Row Rotator Cuff Repair Techniques.
16. **Shah AA**, Patel D, Patel T, Davis B. Risk Stratification for DVT in Sports Medicine.
17. **Shah AA**. Patient Outcomes in Primary ACL Reconstruction with Hamstring Autograft vs Achilles Tendon Allograft

MEETINGS / PRESENTATIONS / VIDEOS / MEDIA

Grand Rounds – Surgery, March 2025

Advancements in Shoulder Surgery and Financial Decisions for an MD Today

Arizona Self Insured Conference, November 2024

The Team Approach in Patient Care

National Athletico Worker's Compensation Seminar, October 2024

Common Shoulder and Knee Injuries, 500 viewers

American Shoulder and Elbow Surgeons, October 2024

Podcast: Stemless Reverse Shoulder Arthroplasty

Ortho Summit, September 2024

Course Faculty, Presenter, Panelist: Shoulder Arthroplasty, Glenoid Exposure, Hybrid Glenoids

Grand Rounds, Banner University Medical Group, August 2024

Rotator Cuff Tears and Management

Banner University Medical Group, July 2024

Podcast: The Rotator Cuff

Banner Select Physical Therapy National Conference, February 2024

Course Faculty, Graft Selection in ACL Reconstruction

Athletic Trainers of Arizona Meeting, January 2024

Course Faculty, Graft Selection in ACL Reconstruction

Grand Rounds, Banner University Medical Group, December 2023

The Rotator Cuff

Grand Rounds, Banner University Medical Group, August 2023

Shoulder Instability

SHOULDER 360, 2023

Course Faculty, Panelist: Shoulder Arthroplasty, Irreparable Rotator Cuff

ORS, 2023

Course Faculty, Presentation/Panelist: Presenting Technology and Research to Patients

ASES, 2022

Faculty, Instructional Course Lecture Panel – Practice Management and Growth
IASES Panel

AOSSM, 2022

Faculty Participated as a “Shark” for grant selection.

AAOS, 2022

Faculty, Moderator for Sports Medicine Sessions:
Meniscus/Cartilage
Shoulder Instability

Texas Orthopedic Association

Biceps Management in Rotator Cuff Surgery, February 2019.

National Association of Orthopedic Nursing

Shoulder Instability Assessment and Examination Presentation, March 2017

Arthroscopic Association of North America, Self-Assessment Examination (SAE) Author, 2015

Author for SAE exam in Shoulder and Elbow

National Association of Orthopedic Nursing

Shoulder Assessment and Examination Presentation, October 2015

Radio Recordings

Medical Minute – Shoulder Injuries in Sports
KMBE AM-790 and KTRH AM-740, August 2015

Fort Bend Shoulder Seminar

Management of Shoulder Arthritis May 2014

City of Sugarland Seminar

Management of Common Knee and Shoulder Injuries, June 2013

Fort Bend Shoulder Seminar

Management of Common Shoulder Problems, January 2013

Radio Recordings

Medical Minute – ACL Tear, September 2012
KMBE AM-790 and KTRH AM-740, April-June 2012

St. Luke's Episcopal Hospital – Presentation at Health and Science Museum

Common Shoulder Problems, October 2012

TV Broadcast Interviews

KRPC (NBC) – Lis Franc Injury, January 2012
KRPC (NBC) – Running Injuries, January 2012
KRIV (FOX) – Houston Marathon Coverage, January 2012
KRIV (FOX) – ACL Injuries in Females, 2014

Houston Chronicle Healthy Living Q&A

Surgery for a Torn ACL, September 2012
High School Football Injuries, August 2012
Game Changing Injury, May 2012
Preventing Knee Injuries, January 2012

Fort Bend Herald

Sports Injuries, August 2012

Fort Bend Lifestyles & Homes

"How to Prevent Sports Injuries," May 2012

Sugarland Rotary Club (Sugarland, TX)

Common Shoulder Problems Presentation, April 2012

Kelsey Seybold Webinar Presentation

"No Pain, No Gain: Avoiding Workout Myths and Injuries," February 2012

E-Newsletter

Shaping Up with Dr. Shah, January 2012

St. Joseph's Hospital Education Video (Arthroscopic Bankart Repair)

Live arthroscopic shoulder instability repair (<http://www.sjmediaroom.com/videos/>) - 2011

St. Joseph's Hospital Primer on Shoulder Disorders

Common shoulder problems blog (<http://www.sjmediaroom.com/blog/>) - 2011

Buckhead Rotary Club (Atlanta, GA)

Concussion and Cervical Spine Injuries in the Athlete Presentation, November 2010

National Association of Nurse Practitioners – Atlanta Chapter (Atlanta, GA)

Shoulder Instability Presentation, November 2010

Men's Wellness Center Podcast (Atlanta, GA)

Web based discussion on arthritis and aging, October 2010

EXTRACURRICULAR / INTERESTS

Local basketball league

Hobbies include golf, tennis, running, and weightlifting

Formerly ranked in Southwest Section of the United States Tennis Association

Formerly ranked chess player