

**CURRICULUM VITAE**  
**Syed Ashfaq Hasan, MD**  
Professor, Department of Orthopaedics  
University of Maryland School of Medicine

**EDUCATION**

1983-1986	BS	State University of New York, Binghamton, NY
1987-1988	MS	Georgetown University School of Medicine, Washington, DC
1988-1992	MD	Georgetown University School of Medicine, Washington, DC
2020-2021		Graduate Certificate in Clinical Research, University of Maryland, Baltimore

**Postgraduate Education and Training**

1992-1993	Internship	Washington University School of Medicine, Barnes-Jewish Hospital, St. Louis, MO
1993-1997	Residency	Orthopaedic Surgery, Washington University School of Medicine, Barnes-Jewish Hospital, St. Louis, MO
1997-1998	Fellowship	Orthopaedic Surgery and Sports Medicine, Arthroscopy and Reconstructive Fellowship of Northern Virginia, Reston, VA
2002-2003	Fellowship	Orthopaedic Surgery, Shoulder and Elbow, University of Pennsylvania, Philadelphia, PA

**Certifications**

2002-2032	American Board of Orthopaedic Surgery
2008-2032	ABOS Subspecialty Certificate in Sports Medicine

**Medical Licensure**

2002	Pennsylvania (Inactive)
2003	Arkansas (Inactive)
2010	Maryland (Active)
2010	District of Columbia (Inactive)
2015	Virginia (Inactive)

## **EMPLOYMENT HISTORY**

### **Academic Appointments**

2003–2008	Assistant Professor of Orthopaedic Surgery University of Arkansas for Medical Sciences
2008–2010	Associate Professor of Orthopaedic Surgery University of Arkansas for Medical Sciences
2010–2023	Associate Professor, Department of Orthopaedics University of Maryland School of Medicine
2023-present	Professor, Department of Orthopaedics, UMSOM

### **Other Employment**

1998 - 2002	Private Practice, Countryside Orthopaedics, Landsdowne, VA
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### **Professional Society Memberships**

1991–present	Member, Alpha Omega Alpha National Medical Honor Society
1992–present	Member, American Academy of Orthopaedic Surgeons
2012–present	Member, American Shoulder and Elbow Society
2020–present	Member, American Orthopaedic Association

### **Honors and Awards**

1991	<u>Alpha Omega Alpha National Medical Honor Society</u>
2005	<u>Best Paper</u> , Arkansas Orthopaedic Forum
2007	<u>Best Paper</u> , Arkansas Orthopaedic Forum
2007	<u>Second Place Paper</u> , Arkansas Orthopaedic Forum
2009	<u>Walter G. Selakovich Faculty Teaching Award</u> (for outstanding contribution to resident education)
2010	<u>Red Sash Award</u> (for outstanding contribution to medical student education)
2018	<u>Charles S. Neer Award</u> “Benzoyl Peroxide Effectively Decreases Preoperative <i>Propionibacterium acnes</i> Shoulder Burden”
2018	<u>Achievement Award</u> , American Academy of Orthopaedic Surgeons
2019	<u>Teacher of the Year</u> , UMSOM, Orthopaedic Surgery Residency, Baltimore, MD
2019	<u>“Top Docs” Award</u> , <i>Baltimore Magazine</i>

## **CLINICAL ACTIVITIES**

### **Clinical Expertise**

Board Certified Orthopaedic Surgeon, American Board of Orthopaedic Surgery

Subspecialties: Shoulder and Elbow Surgery

Subspecialty Board Certification: Sports Medicine-American Board of Orthopaedic Surgery

## **ADMINISTRATIVE SERVICE**

### **Institutional Service**

2003-2010	Director, Shoulder and Elbow Service, University of Arkansas for Medical Sciences
2005–2010	Clerkship Director, Medical Student Orthopaedic Surgery, University of Arkansas for Medical Sciences
2006 - 2010	Member, College of Medicine Curriculum Committee, University of Arkansas for Medical Sciences
2008 - 2010	Fellowship Director, Shoulder and Elbow Reconstructive Surgery, University of Arkansas for Medical Sciences
2010 - present	Chief, Shoulder and Elbow Service, UMSOM Department of Orthopaedics
2011 – present	Member, Operating Room Committee, UM Rehabilitation & Orthopaedic Institute
2012 - present	Clinical Competency Committee, Dept. of Orthopaedics, UMSOM
2013 - 2016	Clerkship Director, Postgraduate Year 4 Student Rotation, UMSOM
2014 - present	Clinical Director, Department of Orthopaedics, UM Rehabilitation & Orthopaedic Institute
2016 - 2018	Secretary-Treasurer, Medical Executive Committee, UM Rehabilitation & Orthopaedic Institute
2018 - 2019	President-Elect, Medical Executive Committee, UM Rehabilitation & Orthopaedic Institute
2020–2022	President, Medical Executive Committee, UM Rehabilitation & Orthopaedic Institute
2020-present	President, Medical Staff, UM Rehabilitation & Orthopaedic Institute
2022-present	Chief of Surgery, UM Rehabilitation & Orthopaedic Institute

## **Local Service**

2014-2017	Maryland Orthopaedic Association, Board Member-at-Large
2015	Program Chair, Annual Meeting of the Maryland Orthopaedic Association
2017–2018	Secretary-Treasurer, Maryland Orthopaedic Association
2018–2019	Second Vice-President, Maryland Orthopaedic Association
2019	Moderator, Clinical Research Presentations, Annual Meeting of the Maryland Orthopaedic Association, Annapolis, MD
2019–2020	President-Elect, Maryland Orthopaedic Association
2020–2021	President, Maryland Orthopaedic Association

## **National Service**

2004–present	Consultant Reviewer, <i>Journal of Shoulder &amp; Elbow Surgery</i>
2008–2021	Consultant Reviewer, <i>Journal of Arthroscopic and Related Research</i>
2009–present	Consultant Reviewer, <i>Journal of the American Academy of Orthopaedic Surgeons</i>
2009–2015	Curriculum Committee Member, American Academy of Orthopaedic Surgeons
2015–2022	Shoulder and Elbow Program Committee Member, American Academy of Orthopaedic Surgeons
2015–present	Committee Review, OMeGA Medical Grants Association
2016–present	Chief Editor, Shoulder & Elbow Surgery, Medscape Online Journal
2021–present	Member, OMeGA Medical Grants Association Board of Directors.
2021–present	Member, AAOS Board of Councilors.
2021-present	Member, Editorial Board, <i>Arthroscopy Journal: The Journal of Arthroscopic and Related Research</i>

## **TEACHING SERVICE**

### **Medical Student Teaching**

2005-2010	Clerkship Director. 3 <sup>rd</sup> year medical student orthopaedic surgery rotation – University of Arkansas for Medical Sciences (UAMS) 2-3 students per week for 8 hours
2012-2014	Clerkship Director. 4 <sup>th</sup> year medical student orthopaedic surgery sub-internship rotation. UMSOM 1-2 students 3x per week x 6 hours
2012-2015	Delivered didactic lectures to third-year medical students. 6-8 lectures/year. UMSOM 25-50 students per lecture
2012-present	Clinical and didactic teaching of 3 <sup>rd</sup> year students rotating on the

	orthopaedic shoulder and elbow service. 5-10 students per year for 1-wk rotation
2012-present	Clinical and didactic teaching of 4 <sup>th</sup> year students rotating on the orthopaedic shoulder and elbow service. 5-15 students per year for 1-wk rotation

### **Resident Teaching**

2011-present	Mentorship model: Resident rotating on shoulder and elbow service. 4 days/week including clinic and operating room
2011-present	Didactic lectures to entire residency – 3/year
2011-present	Weekly indications conference for shoulder and elbow service
2011-present	Arthroscopic surgical skills training laboratory – 6 hrs 1 day/year
2014-present	Multi-center Orthopaedic Intern Surgical Skills Program – 0.5hrs 1 day/year
2017-present	Cadaveric lab pro-section on shoulder and elbow approaches/ neuroanatomy – once per rotation
2020-present	Didactic lectures/10-12 year given within framework of shoulder and elbow service-based conference, 4-6 residents

### **Resident Mentoring**

2017	Faculty advisor to Kenneth Chin (80 hours over 1 year) Resident Thesis: Identifying the safe zone in arthroscopic anterior elbow capsulectomy: A cadaveric study
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### **GRANT SUPPORT**

#### **Completed Grants**

2008 - 2010	Principal Investigator “Investigation of Satellite Cell Gene Expression in a Chronic Rotator Cuff Tear Rabbit Model” University of Arkansas for Medical Sciences Intramural Grant Program Total Direct Cost: \$25,000
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### **PUBLICATIONS**

### **Peer-Reviewed Journal Articles**

1. Brown CA, Lenke LG, Bridwell KH, Geideman WM, **Hasan SA**, Blanke K. Complications of pediatric thoracolumbar and lumbar pedicle screws. *Spine (Phila Pa 1976)*, 1998;23(14):1566–1571, July.
2. Teefy SA, **Hasan SA**, Middleton WD, Patel M, Wright RW, Yamaguchi KY. Ultrasonography of the rotator cuff: A comparison of ultrasonographic and arthroscopic findings in one hundred consecutive cases. *J Bone Joint Surg Am*, 2000;82(4):498–504, April.
3. Williams GR, **Hasan SA**. Surgical management of failed instability surgery. *Oper Tech Orthop Surg*, 2003;13(4):177–192, October.
4. Tjoumakaris FP, Abboud JA, **Hasan SA**, Ramsey ML, Williams FR. Arthroscopic and open Bankart repairs provide similar outcomes. *Clin Orthop Rel Res*, 2006;446:227–232, March.
5. **Hasan SA**, Cordell C, Rauls R. Brachial artery injury with a proximal humerus fracture in a 10-year-old girl. *Am J Orthop*, (Belle Mead, NJ), 2009;38(9):462–466, September.
6. **Hasan SA**, Rauls RB, Cordell CL, Heinzelman AD, Seigel ER. Pectoralis major insertional ratio in proximal humerus fractures: A method to reconstruct humeral head height in arthroplasty. *Orthopedics*, 2009;32(10), October.
7. **Hasan SA**, Cox WK, Syed M, Suva LJ. Microcomputed tomography assessment of glenoid component cementation techniques in total shoulder arthroplasty. *J Orthop Res*, 2010;28(5):559–564, May.
8. **Hasan SA**, Cordell CL, Rauls RB, Bailey MS, Sahu D, Suva LJ. Two-incision versus one-incision repair for distal biceps tendon rupture: A cadaveric study. *J Shoulder Elbow Surg*, 2012;21(7):935–941, August.
9. Johnson JW, Thostenson JD, Suva LJ, **Hasan SA**. The relationship of bicipital groove rotation with humeral head retroversion: A three-dimensional computed tomographic analysis. *J Bone Joint Surg Am*, 2013;95(8):719–724, April.
10. **Hasan SA**, Alla S, Yuen JC. Traumatic extrusion of 13-cm segment of humerus and complete transection of ulnar nerve treated with vascularized fibular graft and acute nerve repair: Case report. *J Shoulder Elbow Surg*, 2013;22(11):17–22, November.
11. Pandey T, Slaughter AJ, Reynolds KA, Jambhekar K, David RM, **Hasan SA**. Clinical orthopedic examination findings in the lower extremity: Correlation with imaging studies and diagnostic efficacy. *Radiographics*, 2014;34(2):41–55, April.
12. Slaughter AJ, Reynolds KA, Jambhekar K, Pandey T, David RM, **Hasan SA**. Clinical orthopedic examination findings of the upper extremity: Correlation with imaging studies and diagnostic efficacy. *Radiographics*, 2014;34(2):24–40, April.
13. **Hasan SA**, Rauls RB, Cordell CL, Bailey MS, Nguyen T. “Zone of vulnerability” for radial nerve injury: Anatomic study. *J Surg Orthop Adv*, 2014;23(2):105–110, Summer.

14. Gilotra M, Nguyen T, Christian M, Davis D, Henn RF III, **Hasan SA**. Botulinum toxin is detrimental to repair of a chronic rotator cuff tear in a rabbit model. *J Orthop Res*, 2015;33(8):1152–1157, August.
15. Jazini E, Shiu B, Robertson A, Russell JP, Iacangelo A, Henn RF III, **Hasan SA**. A biomechanical analysis of anchor placement for Bankart repair: Effect of portal placement. *Orthopedics*, 2016;39(2):323–327, April.
16. Shiu B, Song X, Iacangelo A, Kim H, Jazini E, Henn RF III, Gilotra MN, **Hasan SA**. Os acromiale fixation: A biomechanical comparison of polyethylene suture versus stainless steel wire tension band. *J Shoulder Elbow Surg*, 2016;25(12):2034–2039, December.
17. Dubina A, Shiu B, Gilotra M, **Hasan SA**, Lerman D, Ng V. What is optimal reconstruction option after the resection of proximal humeral tumors? A systematic review. *Open Orthop J*, 2017;11:203–211, March.
18. Shiu B, Jazini E, Robertson A, Henn RF III, **Hasan SA**. Anatomical relationship of the axillary nerve to the pectoralis major tendon insertion. *Orthopedics*, 2017;40(3):460–464, May.
19. Jauregui JJ, Hovis P, **Hasan SA**. Characteristics of rheumatoid arthritis patients undergoing reverse shoulder arthroplasty. *Clin Rheumatol*, 2018;37(2):339–343, February.
20. Jauregui JJ, Nadarajah V, Shield WP III, Henn RF III, Gilotra M, **Hasan SA**. A reverse shoulder arthroplasty: Perioperative considerations and complications. *JBJS Review*, 2018;6(8):e3, August.
21. Kolakowski L, Lai JK, Duvall GT, Jauregui JJ, Dubina AG, Jones DL, Williams KM, **Hasan SA**, Henn RF III, Gilotra MN. Benzoyl peroxide effectively decreases preoperative Cutibacterium acnes shoulder burden: A prospective randomized controlled trial. *J Shoulder Elbow Surg*, 2018;27(9):1539–1544, September.
22. **Hasan SA**, Shiu B, Jauregui JJ. Symptomatic, unstable os acromiale. *J Am Acad Orthop Surg*, 2018;26(22):789–797, November.
23. Grieshaber JA, Palmer JE, Kim H, Jaffe JT, Paryavi E, **Hasan SA**, Henn RF III. Comparison of curved and straight anchor insertion for Bankart repair. *Orthopedics*, 2019;42(2):e242–e246, March.
24. Davis DL, Kesler T, Gilotra MN, Almardawi R, **Hasan SA**, Gullapalli RP, Zhuo J. Quantification of shoulder muscle intramuscular fatty infiltration on T1-weighted MRI: A viable alternative to the Goutallier classification system. *Skeletal Radiol*, 2019;48(4):535–541, April.
25. Davis DL, Gilotra MN, Hovis JP, Almardawi R, **Hasan SA**. Association of rotator cuff tear patterns and intramuscular fatty infiltration on magnetic resonance imaging. *J Clin Imaging Sci*, 2019;9:38, August.
26. Sood A, Duvall G, Ayyaswami V, **Hasan SA**, Gilotra MN. Evaluating the readability of online patient education materials regarding shoulder surgery: How do medical institution web sites rate? *J Surg Orthop Adv*, 2019;28(3):209–214, Fall.

27. Wang KC, Jones A, Kambhampati S, Gilotra MN, Liacouras PC, Stuelke S, Shiu B, Leong N, **Hasan SA**. CT-based 3D printing of the glenoid prior to shoulder arthroplasty: Bony morphology and model evaluation. *J Digit Imaging*, 2019;32(5):816–826, October.
28. Horton S, Smuda MP, Jauregui JJ, Nadarajah V, Gilotra MN, Henn RF III, **Hasan SA**. Management of symptomatic os acromiale: A survey of the American shoulder and elbow surgeons. *Int Orthop*, 2019;43(11):2569–2578, November.
29. Davis DL, Zhou J, Almardawi R, Mulligan ME, Resnik CS, Abdullah SB, Khalifah HA, Henn RF III, Gilotra MN, **Hasan SA**, Gullapalli RP. Association of patient self-reported shoulder scores to quantitative and semiquantitative MRI measures of rotator cuff intramuscular fatty infiltration: A pilot study. *AJR Am J Roentgenol*, 2019;213(6):1307–1314, December.
30. Nadarajah V, Stevens KN, Henry L, Jauregui JJ, Smuda MP, Ventimiglia DJ, Gilotra MN, **Hasan SA**, Henn RF III. Patients undergoing shoulder surgery have high preoperative expectations. *Knee Surg Sports Traumatol Arthrosc*. 2020 Jul;28(7):2377–2385. doi: 10.1007/s00167-019-05824-5, Epub 2020 Jan 7.
31. Klein A, Jauregui J, Raff E, Henn RF III, **Hasan SA**, Gilotra MN. Early outcomes and complications of obese patients undergoing shoulder arthroplasty: A meta-analysis. *J Clin Orthop Trauma*, 2020;11(suppl 2):S260–S264, March.
32. Duvall G, Kaveeshwar S, Sood A, Klein A, Williams K, Kolakowski L, Lai J, Enobun B, **Hasan SA**, Henn RF III, Gilotra MN. Benzoyl peroxide use transiently decreases *Cutibacterium acnes* load on the shoulder. *J Shoulder Elbow Surg*, 2020;29(4):794–798, April.
33. Schumaier AP, Kovacevic D, Schmidt C, Green A, Rokito A, Jobin C, Yian E, Cuomo F, Koh J, Gilotra M, Ramirez M, Williams M, Burks R, Stanley R, Hasan S, Paxton S, **Hasan SA**, Nottage W, Levine W, Srikumaran U, Grawe B. Defining massive rotator cuff tears: A Delphi consensus study. *J Shoulder Elbow Surg*, 2020;29(4):674–680. April.
34. Weir TB, Simpson N, Aneizi A, Foster MJ, Jauregui JJ, Gilotra MN, Henn RF III, **Hasan SA**. Efficacy of single-shot liposomal bupivacaine interscalene block versus interscalene catheter in primary total shoulder arthroplasty patients. *J Orthop*, 2020;22:261–267, May.
35. Kaveeshwar S, Duvall G, Jones DL, O'Hara NN, Klein A, Diedrich AM, Kolakowski L, Lai JK, **Hasan SA**, Henn RF III, Gilotra MN. Risk factors for increased shoulder *Cutibacterium acnes* burden. *JSES Int*, 2020;4(3):464–469, June.
36. Chin KM, Gilotra MN, Horton S, **Hasan SA**. *Identifying the Safe Zone in Arthroscopic Anterior Elbow Capsulectomy: A Cadaveric Study* Orthopedics. 2020 Sep 1;43(5):e399–e403. doi: 10.3928/01477447-20200619-07. Epub 2020 July 7. PMID: 32602919
37. Davis DL, Almardawi R, Henn RF III, Zhuo J, Mulligan ME, Resnik CS, Abdullah SB, Al Khalifah H, Gilotra MN, **Hasan SA**, Gullapalli RP. Correlation of quantitative versus semiquantitative measures of supraspinatus intramuscular fatty infiltration to shoulder

- range of motion and strength: a pilot study. *Curr Prob Diagn Radiol*, 2020;26:S0363-0188(20)30122-5, June.
38. Nadarajah V, Anshum S, Kator J, Foster M, Jauregui JJ, Gilotra MN, **Hasan SA**, Henn RF III. Evaluation of preoperative pain using PROMIS pain interference in shoulder surgery patients. *J Clin Orthop Trauma*, 2020;11(Suppl 4):S536-S565, July.
  39. Kovacevic D, Suriani RJ Jr, Grawe BM, Yian EH, Gilotra MN, **Hasan SA**, Srikumaran Saad MA, Ramirez MA, Stanley RJ, Williams MD, Nadarajah V, Konja AC, Koh JL, Rokito AS, Jobin CM, Levine WN, Schmidt CC; American Shoulder and Elbow Surgeons Massive Cuff Evaluation and Research Initiative Investigators. Management of irreparable massive rotator cuff tears: a systematic review and meta-analysis of patient-reported outcomes, reoperation rates, and treatment response. *J Shoulder Elbow Surg*, 2020;29(12):2459-2475, December.
  40. Foster MJ, O'Hara NN, Weir TB, Aneizi A, Henn RF 3rd, Packer JD, **Hasan SA**, Slobogean G, Gilotra MN. Difference in resident versus attending perspective of competency and autonomy during arthroscopic rotator cuff repairs. *JB JS Open Access*, 2021;6(1):e20.00014, February.
  41. Lo L, Koenig S, Leong N, Shiu B, **Hasan SA**, Gilotra MN, Wang K. Glenoid bony morphology of osteoarthritis prior to shoulder arthroplasty: what the surgeon wants to know and why. *Skeletal Radiol*, 2021;50(5):881-894, May.
  42. Sood A, Klein A, Kaveeshwar S, Jones DL, Duvall G, Hovis JP, Weir TB, Enoburn B. **Hasan SA**, Henn RF III, Packer JD, Gilotra MN. An accurate method of measuring shoulder sling compliance: a validation study. *BMC Musculoskeletal Disord*, 2021;22(1):524, June.
  43. Jauregui JJ, Tran A, Kaveeshwar S, Nadarajah V, Chaudhri MW, Henn RF III, Gilotra MN, **Hasan SA**. Diagnosing a periprosthetic shoulder infection: A systematic review. *J Orthop*, 2021 Jul 13;26:58-66. doi: 10.1016/j.jor.2021.07.012. PMID: 34305349; PMCID: PMC8283270.
  44. McCurdy MA, Burt CI, Schneider MB, Zhang T, Foster MJ, Aneizi A, Gilotra MN, **Hasan SA**, Henn RF III. Preoperative opioid use correlates with worse patient-reported outcomes two years after elective shoulder surgery. *Journal of Orthopaedics*, 2021, May 1, 25:167-172. doi:https://doi.org/10.1016/j.jor.2021.05.001. PMID: 34025060
  45. Chrencik MT, Ventimiglia DJ, Schneider MB, Zhang T, Fisher KJ, Hahn A, Gilotra MN, **Hasan SA**, Henn RF III. Preoperative characteristics predictive of PROMIS Pain Interference two years after shoulder surgery. *J Orthop*. 2021 Aug 16;27:49-55. doi: 10.1016/j.jor.2021.08.010. PMID: 34483550; PMCID: PMC8405907.
  46. Baker M, Albelo F, Zhang T, Schneider MB, Foster MJ, Aneizi A, **Hasan SA**, Gilotra MN, Henn RF 3rd. *PROMIS Depression and Anxiety in shoulder surgery patients*. Bone Joint J. 2022 Apr;104-B(4):479-485. doi: 10.1302/0301-620X.104B4.BJJ-2021-1089.R1.PMID: 35360950

47. Hamaker M, Stevens K, Rocca M, Song X, **Hasan SA**, Gilotra MG. Function after closed reduction from early unstable reverse shoulder arthroplasty. *JSES Seminars Arthroplasty* 2022;32:132-137.
48. Ventimiglia DJ, Chrencik MT, Schneider MB, Zhang T, Munn MM, Kolakowski LC, Gilotra MN, **Hasan SA**, Henn RF III. *Preoperative Factors Associated with Patient Satisfaction Two Years After Elective Shoulder Surgery*. *JSES International*. 2022. [Epub ahead of print]. doi:10.1016/j.jseint.2022.04.008. PMID: 35813145
49. Kaveeshwar S, Stevens KN, Ventimiglia DJ, Zhang T, Schneider MB, Henry LE, **Hasan SA**, Gilotra MN, Frank RH III. Higher preoperative expectations predict better outcomes in shoulder surgery patients. *Knee Surg Sports Traumatol Arthrosc*, 2022 Jul 3. doi: 10.1007/s00167-022-07053-9. [Online ahead of print]. PMID: 35780400
50. Hamaker M, Enobun B, Kaveeshwar S, **Hasan SA**, Shiu B, Henn RF III F, Kilcoyne K, Srikumaran U, Gasbarro G, Zimmer Z, Gilotra M. Reliability, validity, and responsiveness of a novel subscapularis outcome score: The Baltimore Orthopedic Subscapularis Score. *JSES International*. [In-Press, August 2022]. PMID: 36353434
51. Fisher KJ, Livesey MG, Sax OC, Gilotra MN, O'Hara NN, Henn RF III, **Hasan SA**. Are Outcomes After Fixation of Distal Humerus Coronal Shear Fractures Affected by Surgical Approach? A Systematic Review and Meta-analysis. *JSES Int*. 2022 Sep 13;6(6):1054-1061. doi: 10.1016/j.jseint.2022.08.011. eCollection 2022 Nov. PMID: 36353417
52. Livesey MG, Weir TB, Addona JL, Curto R, Apte A, Hughes M, Enobun B, Henn RF III, **Hasan SA**, Gilotra MN. Patients' Understanding of Sling Necessity and Home Assistance Are Predictive of Sling Wear Following Shoulder Surgery. *Am J Sports Med*. In-Press September 2022. PMID: 36353417
53. Henn RF 3rd, **Hasan SA**, Gilotra MN, Weir TB. To Drive or Not to Drive?: Commentary on an article by Ariel E. Badger, MS, et al.: "Patients Who Undergo Rotator Cuff Repair Can Safely Return to Driving at 2 Weeks Postoperatively". *J Bone Joint Surg Am*. 2022 Sep 21;104(18):e81. doi: 10.2106/JBJS.22.00736. Epub 2022 Sep 21. PMID: 36129677.
54. Livesey MG, Bain SS, Weir TB, Kolakowski LC, Remily EA, Sax OC, Gilotra MN, **Hasan SA**. Does Needle Penetration of the Shoulder Joint Prior to Arthroscopy Increase Infection Risk? The effect of Pre-operative Magnetic Resonance Arthrogram or Corticosteroid Injection. *J Shoulder Elbow Surg*. 2022 Dec 26: S1058-2746. PMID: 36581133
55. **Hasan SA**, Fisher K, Henn RF, Gilotra M. Coronal Plane Articular Shear Fractures of the Distal Humerus. *J Am Acad Orthop Surg*. 2023 Mar 1;31(5):e235-e245. doi: 10.5435/JAAOS-D-21-00291. Epub 2023 Jan 18. PMID: 36727959.
56. Livesey MG, Bain SS, Weir TB, Kolakowski LC, Rocca MS, Remily EA, Gilotra MN, **Hasan SA**. Does Timing Matter? The Effect of Preoperative Smoking Cessation on the Risk of Infection or Revision Following Rotator Cuff Repair. *J Shoulder Elbow Surg*. In-Press 2023. PMID: 37030604

57. Nadarajah V, Meredith SJ, Jauregui JJ, Smuda MP, Medina S, Gilotra MN, **Hasan SA**, Henn RF III. Preoperative Opioid Use in Shoulder Surgery Patients. *Shoulder and Elbow*, 2021 Jun;13(3):248-259. Epub 2019 Oct 17. PMID: 34659464
58. Remily EA, Bains SS, Dubin JA, Hameed D, Chen Z, Livesey MG, Ingari JV, Gilotra MG. **Hasan SA**. Open Versus Arthroscopic Elbow Arthrolysis for Primary Osteoarthritis: A Comparison of Demographics and Complications at Two Years. *J Orthop*. 2023 Jul 4;42:30-33. doi: 10.1016/j.jor.2023.06.011. PMID: 37449025; PMCID: PMC10338139
59. Kapustina I, Ali Y, Kallen ME, **Hasan SA**, Davis DL. Arthroplasty-Related Pseudotumor of the Scapula: Case Report and Review of the Literature. *Indian J Radiol Imaging*. 2023 Sept 12 published eFirst
60. Remily EA, Dubin JA, Bains SS, Monarrez R, Livesey MG, Weir TB, Hameed D, Ingari JV, Gilotra MG. **Hasan SA**. Preoperative Corticosteroid Injections within Four Weeks of Arthroscopic Shoulder Surgery are Associated with Increased Infection Rates. *Arthroscopy*. In-Press September 2023

### **Book Chapters**

1. **Hasan SA**, Ramsey ML. Prosthetic management of dysfunctional elbow instability and periarticular nonunions. In, Williams GR Jr, Yamaguchi K, Ramsey ML, Galatz LM (ed): *Shoulder and Elbow Arthroplasty*. Philadelphia: Lippincott Williams & Wilkins; 2004:417–426.
2. **Hasan SA**. Superior labral lesions: Diagnosis and treatment. *Textbook of Orthopaedic Surgery*. E-Medicine.com. July 2004.

### **Published Multimedia**

1. **Hasan SA**, Cordell CL, Wente T. *Arthroscopic Subacromial Decompression*. Surgical Technique Instructional Video. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. February 2009.
2. **Hasan S**. *Latest Treatments for Elbow Pain and Arthritis*. Facebook Live Session, May 2018.
3. **Hasan S**. *Superior Labral Lesions*. Medscape Reference. Available at: <http://emedicine.medscape.com/article/1261463>. Updated September 5, 2018.

## **MAJOR INVITED SPEECHES**

### **Local**

1. *Management of Rotator Cuff Injuries: Where Are We Today?* Annual Meeting of the Maryland Association of Orthopaedic Technologists. Baltimore, MD. April 2011.

2. *Shoulder Talk*. Outreach with Victor Tosti. Baltimore, MD. June 2011.
3. *Sports Medicine Talk*. Georgetown University. Washington DC. September 2011.
4. Grand Rounds. *Management of the Rotator Cuff Deficient Shoulder: Arthroscopy to Arthroplasty*. Laurel Regional Hospital. Laurel, MD. October 2011.
5. *Shoulder Talk*. Outreach with Victor Tosti. Columbia, MD. November 2011.
6. Grand Rounds. *Complex Shoulder Reconstruction*. Providence Hospital. Washington DC. May 2012.
7. Grand Rounds Speaker. *Reverse Shoulder Arthroplasty: Perioperative Concerns and Complications*. Prince Georges Hospital Center, Cheverly, MD. May 2018.
8. Grand Rounds Speaker. *Disorders of the Elbow: Evaluation and Management*. Prince Georges Hospital Center, Cheverly, MD. October 2019.
9. *Managing Shoulder Pain and Arthritis*. Columbia, MD. October 2018.
10. Grand Rounds. *Evaluation and Treatment of the Painful Shoulder*. Harbor Hospital, Baltimore, MD. November 2019.
11. Grand Rounds. *Spectrum of Management for Rotator Cuff Disorders*. Holy Cross Hospital Silver Spring, MD. November 2020.
12. *Natural History of Rotator Cuff Disorders*. Pivot Physical Therapy. November 2020.

### **National**

13. *Arthroscopic Bankart Repair*. Annual Meeting of the Arkansas Orthopaedic Society. Little Rock, AR. October 2003.
14. *Arthroscopic Rotator Cuff Repair*. Annual Meeting of the Arkansas Orthopaedic Society. Heber Springs, AR. April 2004.
15. *Arthroscopic Rotator Cuff Repair*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2004.
16. *Proximal Humerus Open Reduction and Internal Fixation with a Locking Plate*. Synthes Fracture Symposium. Fort Smith, AR. January 2005.
17. *Management of Partial Thickness Rotator Cuff Tears*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2005.
18. *Open Reduction and Internal Fixation of Distal Humerus Fractures*. Synthes Fracture Symposium. Little Rock, AR. March 2006.
19. *Shoulder Arthroplasty: Surgical Indications and Techniques*. American Shoulder and Elbow Surgeons/American Academy of Orthopaedic Surgeons. Rosemont, IL. October 2006.
20. *Upper Extremity Arthroplasty and Fracture Cadaveric Course*. DePuy Symposium. Little Rock, AR. November 2007.
21. *Shoulder Arthroplasty: Surgical Indications and Techniques*. American Shoulder and Elbow Surgeons/American Academy of Orthopaedic Surgeons. Rosemont, IL. November 2008.

22. *Management of Elbow Contractures*. Annual Meeting of the Arkansas Orthopaedic Society. Stuttgart, AR. January 2009.
23. *Surgical Skill Instructional Course on Reverse Shoulder Arthroplasty*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. February 2009.
24. *Anatomic and Reverse Shoulder Arthroplasty Cadaveric Course*. DePuy Symposium. Little Rock, AR. February 2009.
25. *Arthroplasty for Proximal Humerus Fractures*. Annual Meeting of the Arkansas Orthopaedic Society. Little Rock, AR. September 2009.
26. *Anatomic and Reverse Shoulder Arthroplasty*. DePuy Cadaveric Course. Rayhnam, MA. October 2009.
27. *Arthroplasty Options in the Rotator Cuff-Deficient Shoulder*. Mid-Atlantic Shoulder and Elbow Society. Washington DC. September 2011.
28. Annual Meeting of the Mid-America Orthopaedic Association. Bonita Springs, FL. April 2012.
29. *Management of Irreparable Rotator Cuff Tear in the Young Patient*. Annual Meeting of the Mid-Atlantic Shoulder and Elbow Society. Washington DC. September 2016.
30. *Management of Displaced Mid-shaft Clavicle Fractures*. Annual Meeting of the Maryland Orthopaedic Association. Hanover, MD. March 2022

### **International**

31. *Arthroscopic Bankart Repair*. Ganga Medical Center, Department of Orthopaedic Surgery. Coimbatore, India. July 2009.
32. *Reverse Total Shoulder Arthroplasty*. Ganga Medical Center, Department of Orthopaedic Surgery. Coimbatore, India. July 2009.
33. *Anatomic Total Shoulder Arthroplasty*. Ganga Medical Center, Department of Orthopaedic Surgery. Coimbatore, India. July 2009.
34. *Arthroscopic Bankart Repair*. Pune Orthopaedic Society Meeting. Pune, India. July 2009.
35. *Arthroscopic Rotator Cuff Repair*. Pune Orthopaedic Society Meeting. Pune, India. July 2009.
36. *Anatomic Total Shoulder Arthroplasty*. Pune Orthopaedic Society Meeting. Pune, India. July 2009.
37. *Reverse Total Shoulder Arthroplasty*. Pune Orthopaedic Society Meeting. Pune, India. July 2009.
38. *Reverse Shoulder Arthroplasty for Proximal Humerus Fractures*. Cooper Medical College, Mumbai, India. July 2016.
39. *Open Reduction Internal Fixation of Proximal Humerus Fractures*. Cooper Medical College, Mumbai, India. July 2016.
40. *Scapula Fracture: Indication & Surgical Exposure*. Bombay Orthopaedic Society Virtual Meeting. Mumbai, India. January 2021.

41. *Decision-making in Proximal Humerus Fracture*. Bombay Orthopaedic Society Virtual Meeting. Mumbai, India. January 2021.
42. *Distal Clavicle Fractures*. Bombay Orthopaedic Society Virtual Meeting. Mumbai, India. January 2021.

## **PROFFERED COMMUNICATIONS**

### **Podium Presentations**

#### **Local**

1. **Hasan SA.** *Arthroscopic Bankart Repair*. 19th Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2003.
2. **Hasan SA.** *Arthroscopic Rotator Cuff Repair*. Annual Meeting of the Arkansas Orthopaedic Society. Heber Springs, AR. April 2004.
3. **Hasan SA.** *Arthroscopic Rotator Cuff Repair*. 20th Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2004.
4. **Hasan SA.** *Proximal Humerus Open Reduction and Internal Fixation with a Locking Plate*. Synthes Fracture Symposium. Fort Smith, AR. January 2005.
5. **Hasan SA.** *Management of Partial-Thickness Rotator Cuff Tears*. 21st Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2005.
6. **Hasan SA.** *Open Reduction and Internal Fixation of Distal Humerus Fractures*. Synthes Fracture Symposium. Little Rock, AR. March 2006.
7. **Hasan SA, Bailey M.** *Arthroscopic Bankart Repairs: Factors Affecting Outcomes*. 26th Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
8. **Hasan SA, Bailey M.** *Surgical Anatomy of the Radial Nerve when Approaching the Humerus*. 26th Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
9. **Hasan SA, Bradshaw J.** *Association between Patella Baja and Autograft Patellar Tendon Harvest for Anterior Cruciate Ligament*. 26th Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
10. **Hasan SA, Hand K.** *Outcomes of Reverse Total Shoulder Arthroplasty*. 26th Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
11. **Hasan SA, Weir T.** *Single-Shot Liposomal Bupivacaine Interscalene Block versus Continuous Interscalene Catheter in Total Shoulder Arthroplasty: Opioid Administration, Pain Scores, and Complications*. Annual Meeting of the Maryland Orthopaedic Association. Annapolis, MD. February 2020.

#### **National**

12. Ramsey J, Riggs A, Suva L, Thomas R, **Hasan SA**. *Adapting Present Day Orthopaedic Surgery Residency Curriculum to Improve the Care of an Enlarging Geriatric Population*. American Geriatric Society. Washington DC. May 2008.
13. Slaughter AJ, Reynolds KA, **Hasan SA**, Jambhekar K, Pandey T. *The Jargon of Orthopaedic Tests: What Do They Imply? A Clinical and Radiological Review of Common Tests, Differential Diagnoses, Diagnostic Accuracy, and Imaging Findings*. Radiological Society of North America, Chicago, IL. November 2011.
14. **Hasan SA**, Rauls RB, Cordell CL, Bailey MS. *A Danger Zone for Radial Nerve Injury: An Anatomic Study*. Mid-America Orthopaedic Association. Bonita Springs, FL. April 2012.
15. Gilotra M, Nguyen T, Christain M, Davis DL, Henn RF III, **Hasan SA**. *Botulinum Toxin is Detrimental to Repair of a Chronic Rotator Cuff Tear in a Rabbit Model*. Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, LA. March 2014.
16. Jazini E, Shiu B, Kim H, Henn RF, **Hasan SA**. *Analysis of Anchor Placement for Bankart Repair: Trans-subscapularis versus Inferior Rotator Interval Portal*. Annual Meeting of the Eastern Orthopaedic Association. Amelia Island, FL. October 2014.
17. Grieshaber JA, Palmer JE, Kim H, Jaffe J, **Hasan SA**, Henn RF III. *Injury to the Suprascapular Nerve in SLAP Repairs: Is a Curved Suture Anchor Insertion Technique Safer?* Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2015.
18. Jazini E, Shiu B, Henn RF III, **Hasan SA**. *Analysis of Anchor Placement for Bankart Repair: Trans-subscapularis versus Inferior Rotator Interval Portal*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Orlando, FL. March 2016.
19. Kolakowski L, Lai, J, Duvall G, **Hasan SA**, Henn RF III, Gilotra M. *Benzoyl Peroxide Effectively Decreases Preoperative Propionibacterium acnes Shoulder Burden: A Randomized Trial*. Annual Meeting of the American Shoulder and Elbow Surgeons. New Orleans, LA. October 2017.
20. Meredith S, Jauregui J, Costales T, Nadarajah V, Medina S, Smuda M, **Hasan SA**, Gilotra M, Henn RF III. *Preoperative Opioid Use in Shoulder Surgery Patients*. Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA. March 2018.
21. Nadarajah V, Jolissaint J, Koenig S, Jauregui J, La A, Smuda MP, Gilotra M, **Hasan SA**, RF Henn III. *Understanding the Effects of Pain and Depression on Physical Function in Patients Undergoing Shoulder Surgery*. Annual Meeting of the American Academy of Orthopaedics Surgeons. Las Vegas, NV. March 2019.
22. Nadarajah V, Stevens K, Henry L, Jauregui J, Smuda MP, Ventimiglia D, Gilotra M, **Hasan SA**, Henn RF III. *Preoperative Expectations of Patients Undergoing Shoulder Surgery*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2019.

23. Henn RF, Nadarajah V, Steven KN, Henry L, Jauregui JJ, Smuda MP, Ventimiglia D, Gilotra M, **Hasan SA**. *Preoperative expectations of shoulder surgery*. 86th AAOS Annual Meeting, Las Vegas, NV. March 2019.
24. Mousavi SZ, Kaveeshwar S, Rivkin D, Kung JE, Schneider MB, Kolakowski L, **Hasan SA**, Gilotra M, Henn RF III. *Defining Completely Better Status Through Patient-Reported Outcomes After Rotator Cuff Repair*. Annual Meeting of Southern Orthopaedic Association. Sulphur Springs, West Virginia. July 2022.
25. Kaveeshwar S, Stevens KN, Ventimiglia DJ, Zhang T, Schneider MB, Henry L, **Hasan SA**, Gilotra M, Henn RF III. *Higher Preoperative Expectations Predict Better Outcomes in Shoulder Surgery Patients*. Annual Meeting of Southern Orthopaedic Association. Sulphur Springs, West Virginia. July 2022
26. Livesey MG, Bains SS, Weir TB, Kolakowski L, Sax OC, Remily EA, Gilotra MN, **Hasan SA**. *Does Needle Penetration of the Shoulder Joint Prior to Arthroscopy Increase Infection Risk? The Effect of Preoperative Magnetic Resonance Arthrogram or Corticosteroid Injection*. Podium Presentation. ISAKOS Congress. June 2023. Boston, MA

### **International**

27. **Hasan S**, Johnson J, Thostenson J. *The Relationship of Bicipital Groove Rotation with Humeral Head Retroversion*. British Elbow & Shoulder Society. Liverpool, UK. June 2008.
28. Cordell C, Rauls R, Hogue W, **Hasan S**. *Two-Incision versus One-Incision Repair for Distal Biceps Tendon Rupture: A Cadaveric Study*. European Society for Surgery of the Shoulder and Elbow. Brugge Belgium. September 2008.
29. **Hasan S**, Johnson J, Thostenson J. *The Relationship of Bicipital Groove Rotation with Humeral Head Retroversion*. European Society for Surgery of the Shoulder and Elbow. Brugge, Belgium. September 2008.

### **Poster Presentations**

#### **Local**

1. Grieshaber JA, Palmer JE, Kim H, Jaffe J, **Hasan SA**. *A Comparison of Curved and Straight Suture Anchor Insertion for SLAP Repair*. Presented at the Annual Meeting of the Maryland Orthopaedic Association. Baltimore, MD. April 2014.
2. Jazini E, Shiu B, Kim H, Henn RF III, **Hasan SA**. *Analysis of Anchor Placement for the Axillary Nerve in the Deltpectoral Approach*. Presented at the Annual Meeting of the Maryland Orthopaedic Association. Baltimore, MD. April 2014.

3. Jazini E, Shiu B, Robertson A, Henn RF III, **Hasan SA**. *Analysis of Anchor Placement for Bankart Repair: Trans-subscapularis versus Inferior Rotator Interval Portal*. Presented at the Annual Meeting of the Maryland Orthopaedic Society. April 2014.
4. Shiu B, Jazini E, Robertson A, Henn RF III, **Hasan SA**. *The Pectoralis Major Insertion as a Landmark for the Axillary Nerve in the Deltopectoral Approach*. Presented at the Annual Meeting of the Maryland Orthopaedic Society. Baltimore, MD April 2014.
5. Duvall G, Sood A, Henn RF III, **Hasan SA**, Gilotra M. *Benzoyl Peroxide for Reducing Shoulder Propionibacterium acnes Skin Burden*. Presented at the Annual Meeting of the Maryland Orthopaedic Association. Annapolis, MD. February 2017.
6. Horton S, Smuda M, Jauregui JJ, Gilotra M, Henn RF III, **Hasan SA**. *Expert Survey Management of the Symptomatic Meso-Os Acromiale*. Presented at the Annual Meeting of the Maryland Orthopaedic Association. Annapolis, MD. February 2017.
7. Meredith S, Jauregui J, Costales T, Nadarajah V, Medina S, Smuda M, **Hasan S**, Gilotra M, Henn RF. *Preoperative Opioid Use in Shoulder Surgery Patients*. Maryland Orthopaedic Association (MOA) Meeting, Annapolis, MD. February 2018.
8. Foster MJ, O'Hara NN, Weir TB, Aneizi A, Henn RF, Packer JD, **Hasan SA**, Slobogean GP, Gilotra MN. *Difference in resident versus attending perspective of competency and autonomy during arthroscopic rotator cuff repairs*. Presented at the American Orthopaedic Association, Baltimore, MD. June 2020.
9. Fisher K, O'Hara NN, Slobogean G, Gilotra MN, **Hasan SA**. *Complications Based on Surgical Approach of Distal Humerus Coronal Shear Fracture: A Systematic Review and Meta-Analysis*. Virtual Annual Meeting Maryland Orthopaedic Association. May 2021.
10. Chrencik C, Ventimiglia D, Schneider MB, Zhang T, Fisher K, Hahn A, Gilotra MN, **Hasan SA**, Henn RF III. *Preoperative Characteristics Predictive of PROMIS Pain Interference After Shoulder Surgery*. Virtual Annual Meeting Maryland Orthopaedic Association. May 2021.
11. Perraut G, Schneider MB, Zhang T, Aneizi A, Livesey M, Hamaker M, **Hasan SA**, Gilotra MN, Henn RF III. *Predictors of PROMIS Physical Function Two Years After Shoulder Surgery*. Virtual Annual Meeting Maryland Orthopaedic Association. May 2021.
12. Ventimiglia D, Chrencik M, Schneider MB, Zhang T, Munn M, Kolakowski L, Gilotra MN, **Hasan SA**, Henn RF III. *Preoperative Risk Factors Associated with the Patient Satisfaction After Shoulder Surgery*. Virtual Annual Meeting Maryland Orthopaedic Association. May 2021.
13. Mousavi SZ, Kaveeshwar S, Rivkin D, Kung J, Schneider MB, Kolakowski L, **Hasan SA**, Gilotra MN, Henn RF. *Defining Completely Better Status Through Patient-Reported Outcomes After Rotator Cuff Repair*. Maryland Orthopaedic Association Meeting Poster. Annapolis MD. March 2022.

## National

14. **Hasan SA**, Cox W. *Micro-CT Evaluation of a “Modified Weep Hole” Technique for Improved Glenoid Cementation in Total Shoulder Arthroplasty*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. San Diego, CA. February 2007.
15. Ramsey J, Riggs A, Suva L, Thomas R, **Hasan S**. *Adapting Present-Day Orthopaedic Surgery Residency Curriculum to Improve the Care of an Enlarging Geriatric Population*. Presented to the American Geriatric Society. Washington, DC. May 2008.
16. **Hasan SA**, Alla S. *Anatomy of the Posterior Glenoid Labrum and Capsule of the Shoulder Joint: An Anatomic Study*. Presented at the Annual Meeting of the Mid-American Orthopaedic Association. Bonita Springs, FL. April 2012.
17. Grieshaber JA, Palmer JE, Kim H, Jaffe J, **Hasan SA**, Henn RF III. *A Comparison of Curved and Straight Suture Anchor Insertion for SLAP Repair*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2015.
18. Hovis JP, Kish AJ, Tareen JA, Jauregui JJ, Meredith SJ, Gilotra MN, **Henn RF**, Hasan SA. *Reverse shoulder arthroplasty: understanding the biomechanics in relation to function. Scientific exhibit and multimedia presentation*. 84<sup>th</sup> AAOS Annual Meeting, San Diego, CA. March 2017.
19. Klein A, Franke G, Lai JK, Valencia AP, Davis DL, **Henn III RF**, Hasan SA, Williams K, Gilotra MN. *Investigation of Rotator Cuff Fatty Infiltration in an Aged Rabbit Injury Model: A Pilot Study*. ORS Poster New Orleans, LA. March 2018.
20. Kolakowski L, Lai J, Duvall G, **Hasan SA**, Henn RF III, Gilotra M. *Benzoyl Peroxide Effectively Decrease Preoperative Propionibacterium acnes Shoulder Burden: A Randomized Trial*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, LA. March 2018.
21. Davis DL, Almardawi R, Zhuo J, Gilotra M, Mulligan M, Resnik C, Abdullah S, AlKalifah H, Roys S, Henn RF, **Hasan S**, Gullapalli R. *Correlation of quantitative MRI measures of rotator cuff fatty infiltration to shoulder strength and range of motion: a pilot study of subjects with painful full-thickness supraspinatus tears and asymptomatic controls*. Presented at the 104<sup>th</sup> Radiological Society of North America Annual Conference, Chicago, IL. November 2018.
22. Klein A, Duvall G, Kolakowski L, Jones D, Lai J, Packer J, Henn RF III, **Hasan SA**, Gilotra M. *Shoulder Propionibacterium acnes Rebound after Benzoyl Peroxide Use*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2019.
23. Kaveeshwar S, Duvall G, Jones D, O’Hara N, Diedrich A, Kolakowski L, **Hasan SA**, Henn RF, Gilotra M. *Risk factors for increased shoulder Cutibacterium acnes burden*. AAOS Annual Meeting, Orlando, FL. March 2020 (converted to e-presentation due to COVID19 meeting cancellation)
24. Perraut G, Schneider M, Zhang T, Aneizi A, Livesey M, Hamaker M, **Hasan SA**, Gilotra, MN, Henn RF. *Predictors of PROMIS Physical Function Two Years After Shoulder Surgery*. Ep poster Eastern Orthopaedic Association. Nashville, TN. Oct 2021.

25. McCurdy M, Burt C, Schneider MB, Zhang T, Foster MJ, Aneizi A, Gilotra MN, **Hasan SA**, Henn RF. *Preoperative Opioid Use Correlates with Worse Outcomes After Shoulder Surgery*. Eposter Eastern Orthopaedic Association. Nashville, TN. Oct 2021.
26. Mousavi SZ, Kaveeshwar S, Rivkin D, Kung J, Schneider MB, Kolakowski L, **Hasan SA**, Gilotra MN, Henn RF. *Defining Completely Better Status Through Patient-Reported Outcomes After Rotator Cuff Repair*. AAOS Annual Meeting Poster. Chicago, IL. March 2022.
27. Hunt D, Kaveeshwar S, Perraut G, Schneider M, Zhang T, Livesey M, **Hasan SA**, Gilotra MN, Henn RF. *Predictors of PROMIS Physical Function Two Years After Elective Shoulder Surgery*. AAOS Annual Meeting Poster. Chicago, IL. March 2022.
28. Hamaker M, Enobun B, Kaveeshwar S, **Hasan SA**, Shiu B, Henn RF, Kilocyne KG, Srikumaran U, Gilotra M. *Reliability, Validity, and Responsiveness of a novel subscapularis outcome score*. AAOS Annual Meeting Poster. Chicago, IL. March 2022.
29. Livesey MG, Bedrin MD, Baird M, Tran A, Weir TB, **Hasan SA**, Gilotra MN, Kilcoyne, KG, Dickens JF. *Acromion Morphology is Associated with Glenoid Bone Loss in Posterior Glenohumeral Instability*. Poster Presentation. AOSSM Annual Meeting; July 13-17, 2022; Colorado Springs, Colorado.

### **International**

30. Rauls R, Cordell C, Seigel E, Heinzelmann A, **Hasan S**. *Pectoralis Major Insertional Ratio and Reconstruction of Humeral Head Height in Hemiarthroplasty for Fracture*. Presented at the Annual Meeting of the European Society for Surgery of the Shoulder and Elbow. Brugge, Belgium. September 2008.
31. **Hasan S**, Johnson J, Thostenson J. *The Relationship of Bicipital Groove Rotation with Humeral Head Retroversion*. Presented at the Annual Meeting of the European Society for Surgery of the Shoulder and Elbow. September 2008. Brugge, Belgium.

### **Paper Presentations**

#### **National**

1. **Hasan SA**, Teefy C, Yamaguchi KY. *High-Resolution Ultrasonography for the Detection of Rotator Cuff Tears*. Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, LA. March 1998.
2. **Hasan SA**, Cox W. *Micro-CT Evaluation of a "Modified Weep Hole" Technique for Improved Glenoid Cementation in Total Shoulder Arthroplasty*. Annual Meeting of the Mid-American Orthopaedic Association. Boca Raton, FL. April 2007.
3. **Hasan SA**, Johnson J. *The Effect of Reaming on the Proximal Humeral Canal*. Annual Meeting of the Mid-American Orthopaedic Association. Boca Raton, FL. April 2007.

4. **Hasan SA**, Johnson J. *Relationship between Bicipital Groove Rotation and Humeral Head Retroversion*. Annual Meeting of the Mid-American Orthopaedic Association Annual Meeting. Boca Raton, FL. April 2007.
5. **Hasan SA**, Cox W. *Investigation of Satellite Cell Gene Expression in a Chronic Rotator Cuff Tear Rabbit Model*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. October 2007.
6. **Hasan SA**, Bailey M. *Arthroscopic Bankart Repairs: Factors Affecting Outcomes*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
7. **Hasan SA**, Bailey M. *Surgical Anatomy of the Radial Nerve when Approaching the Humerus*. Annual Arkansas Orthopaedic Forum, Little Rock, AR. September 2010.
8. **Hasan SA**, Bradshaw J. *Association between Patella Baja and Autograft Patellar Tendon Harvest for Anterior Cruciate Ligament*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
9. **Hasan SA**, Hand K. *Outcomes of Reverse Total Shoulder Arthroplasty*. Annual Arkansas Orthopaedic Forum. Little Rock, AR. September 2010.
10. Slaughter AJ, Raynolds KA, **Hasan SA**, Jambhekar K, Pandey T. *The Jargon of Orthopaedic Tests: What Do They Imply? A Clinical and Radiological Review of Common Tests, Differential Diagnoses, Diagnostic Accuracy, and Imaging Findings*. Radiologic Society of North America. Chicago, IL. November 2011.
11. **Hasan SA**, Rauls RB, Cordell CL, Bailey MS. *A "Danger Zone" for Radial Nerve Injury: An Anatomic Study*. Annual Meeting of the Mid-American Orthopaedic Association. Bonita Springs, FL. April 2012.
12. Chin K, Horton S, Gilotra M, Boone L, **Hasan SA**. *Identifying the Safe Zone in Arthroscopic Anterior Elbow Capsulectomy: A Cadaveric Study*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2019.
13. Henn RF III, Nadarajah V, Stevens K, Henry L, Jauregui J, Smuda M, Ventimiglia D, Gilotra M, **Hasan SA**. *Preoperative Expectations of Patients Undergoing Shoulder Surgery*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2019.
14. Nadarajah V, Jolissaint J, Koenig S, Jauregui J, La A, Smuda M, Gilotra M, **Hasan SA**, Henn RF III. *Understanding the Effects of Pain and Depression on Physical Function in Patients Undergoing Shoulder Surgery*. Annual Meeting of the American Academy of Orthopaedic Surgeons. Las Vegas, NV. March 2019.
15. Addona JL, Weir TB, Curto R, Livesey MG, Henn RF III, **Hasan SA**, Gilotra MN. *Patients' Understanding of Sling Necessity in Predictive Sling Wear Following Shoulder Surgery (Paper 585)*. Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL. March 25, 2022.

## **International**

16. **Hasan SA**, Stevens MA. *Biomechanical Evaluation of a Modified Technique for Arthroscopic Rotator Cuff Repair*. Arthroscopy Association of North America. Vancouver, Canada. May 2005.
17. **Hasan SA**, Heinzelman AD, Bradshaw J. *Deltoid and Pectoralis Major Ratios in Proximal Humerus Fractures: A Method to Accurately Reconstruct Humeral Head Height*. Southern Orthopaedic Association. Nassau, Bahamas. July 2006.
18. **Hasan SA**, Johnson J. *Anatomic Study of Humeral Morphology: ACT Study*. Southern Orthopaedic Association, Nassau, Bahamas. July 2006
19. **Hasan SA**, Wassell D. *Surgical Recreation of the Rotator Cuff Footprint: A Cadaveric Study*. Southern Orthopaedic Association, Nassau, Bahamas. July 2006.

### **Scientific Exhibit**

1. **Hasan SA**, Cordell C, Rauls R, Hogue W. *Two-Incision versus One-Incision Repair for Distal Biceps Tendon Rupture: A Cadaveric Study*. Presented at the Annual Meeting of the American Academy Of Orthopaedic Surgeons. New Orleans, LA. February 2009.
2. Shiu B, Jazini E, Song X, Gilotra M, Henn RF III, **Hasan SA**. *The Unstable Os Acromiale: Evaluation and Treatment*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. New Orleans, LA. March 2015.
3. Hovis JP, Kish AJ, Tareen JA, Jauregui JJ, Meredith SJ, Gilotra MN, Henn RF, **Hasan SA**. *Reverse Shoulder Arthroplasty: Understanding the Biomechanics in Relation to Function*. Presented at the Annual Meeting of the American Academy of Orthopaedic Surgeons. San Diego, CA. March 2017.