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Oregon Shoulder Institute
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POSITIONS

Shoulder Specialist Oregon Shoulder Institute Medford, OR	2011 - current
Director of Oregon Shoulder Fellowship Southern Oregon Orthopedics Research Foundation Medford, OR	2020 – current
Clinical Associate Professor Elson S. Floyd College of Medicine, WSU Vancouver, WA	2021 - current
Clinical Instructor Oregon Health & Science University Portland, OR	2011 - current
Chairman and Founder Pinnacle Shoulder Meeting Bend, OR	2021 – current
Director of Shoulder and Sports Medicine Providence Medford Medical Center Medford, OR	2013 – 2019
Editorial Board Journal of Clinical Medicine Orthopedics Today Arthroscopy: The Journal of Arthroscopic & Related Research	2021 – current 2018 – current 2014 – 2019
Associate Editor - Shoulder American Journal of Orthopedics	2015 - 2018
Journal Reviewer Journal of Shoulder and Elbow Surgery Arthroscopy: The Journal of Arthroscopic & Related Research Orthopedics	2014 - current 2011 – 2013 2011 – 2013

EDUCATION

Shoulder Reconstruction Fellowship

2011

Centre Orthopedique Santy
Gilles Walch, MD, Fellowship Director
Lyon, France

Advanced Shoulder Arthroscopy Fellowship

2010-2011

The San Antonio Orthopaedic Group, LLP
Steve Burkhart, MD, Fellowship Director
San Antonio, TX

Orthopaedic Surgery Residency

2005-2010

Oregon Health & Science University
Jung Yoo, MD, Chairman
Portland, OR

Doctor of Medicine

2001-2005

Dartmouth Medical School
Hanover, NH

Bachelor of Science

1997-2001

University of Puget Sound
Tacoma, WA

Study Abroad

1999

University of Sussex
Brighton, England

LICENSES

Oregon, MD27260

02/2007 - current

CERTIFICATIONS

American Board of Orthopaedic Surgery

Board Certified

MEMBERSHIPS

American Association of Orthopaedic Surgeons

Active Member & Fellow

American Shoulder and Elbow Surgeons

Active Member

Arthroscopy Association of North America

Active Member & Fellow

International Society of Arthroscopy, Knee Surgery and Sports Medicine

Active Member

COMMITTEE POSITIONS

ICES 2026 Scientific Committee	2022 - 2026
San Diego Shoulder Board of Directors	2022 – current
San Diego Shoulder Course Program Chair	2020 – 2022
San Diego Shoulder Course Vice-Chair	2019
San Diego Shoulder Course Planning Committee	2016 – 2018
ASES Political Advocacy Committee	2021 – 2023
ASES Membership Committee	2020 – 2021
ASES Education Committee	2019 - 2021
ASES Exchange Fellowship Committee	2018 – 2021
ASES Specialty Day Program Committee	2019
AANA Practice Management Resources Work Group	2021 - 2022
AANA Research Committee	2021 - 2023
AANA Education Committee	2018 – 2023
AANA Membership Committee	2018 – 2020
Southern Oregon Orthopedics – Executive Committee	2014 – 2018

BOOKS AUTHORED

Burkhart SS, Lo IKY, Brady PC, Denard PJ. *The Cowboy's Companion: A Trail Guide for the Arthroscopic Shoulder Surgeon*. Lippincott Williams & Wilkins, Philadelphia, PA. 2012.

Burkhart SS, Brady PC, Denard PJ, Hartzler RU, Adams CR. *The Cowboy's Conundrum: Complex and Advanced Cases in Shoulder Arthroscopy*. Lippincott Williams & Wilkins, Philadelphia, PA. 2017.

BOOK CHAPTERS

1. Pasqualini I, Phillips CJ, Denard PJ. Rotator Cuff Tears and Cuff Tear Arthropathy. *AAOS Comprehensive Orthopaedic Review*. Marecek G, Edwards S, Saltzman M, editors. AAOS 2024.
2. Pasqualini I, Cook JA, Horinek JL, Phillips CJ, Denard PJ. Total shoulder arthroplasty and subscapularis repair and failure. *Shoulder Arthritis Across the Life Span: From Joint Preservation to Arthroplasty*. Mazzocca A, Calvo E, Di Giamoco G, editors. Springer, London, UK. 2023.
3. Nabergoj M, Denard PJ, Wang S, Collin P, Lädermann A. Arthroscopic management versus hemiarthroplasty in young patients with glenohumeral Arthritis. *Paris International Shoulder Course*. BeeMed, online. 2022.
4. Chong XL, Denard PJ, Ho SWL, Cohcard B, Lädermann A. Arthroscopic Glenohumeral Arthrodesis with O-Arm Navigation. *Arthroscopy and Endoscopy of the Shoulder – Principle and Practice*. Springer, London, UK. 2022.
5. Callegari JJ, Phillips CJ, Denard PJ. Superior Capsule Reconstruction. *AAOS Resident Curriculum*, Keener JD, editors. AAOS 2021.
6. Werner BC, Denard PJ. Complications and Treatment after Rotator Cuff Failure/Infection/Stiffness. *AAOS Surgical Insights: Rotator Cuff Tears*. AAOS, 2021.
7. Hartzler RU, Denard PJ. Coracoid Transfer: The Open Latarjet Procedure for the Treatment of Recurrent Anterior Inferior Glenohumeral Instability in Patients with Bone Deficiency. *Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine, 3rd Edition*. Cole BJ, Chahla J, editors. Elsevier, New York, NY. 2021
8. Erickson BJ, Denard PJ, Romeo AA. Preoperative Planning: Patient Specific Instrumentation. *Shoulder Arthroplasty*. Zuckerman J, Editor. Lippincott Williams & Wilkins, Philadelphia, PA. 2021.
9. Denard PJ, Hartzler RU, Elhassan B. Approach to Irreparable Cuff Tear and Failed Cuff Repair. *Rockwood and Matsen's The Shoulder, 6th Edition*, Elsevier, New York, NY. 2021
10. Parsons B, Cagle P, Denard PJ. Fractures of the Proximal Humerus. *Rockwood and Matsen's The Shoulder, 6th Edition*, Elsevier, New York, NY. 2021
11. Sheehan A, Adams C, Denard PJ, Burkhart SS. Subscapularis Tendon Tears. *Operative Techniques in Orthopaedic Surgery, 3rd Edition*. Ramsey R, Wiesel SW, Namdari S, Williams GR Jr, editors-in-chief. Lippincott Williams & Wilkins, Philadelphia, PA. 2020.
12. Sheehan A, Denard PJ, Burkhart SS. The Latarjet Procedure for the Treatment of Recurrent Anterior Glenohumeral Instability in Patients with Bone Loss. *Operative*

Techniques in Orthopaedic Surgery, 3rd Edition. Ramsey R, Wiesel SW, Namdari S, Williams GR Jr, editors-in-chief. Lippincott Williams & Wilkins, Philadelphia, PA. 2020.

13. Denard PJ, Hartzler RU. Tricks of trade of poor tissue and bone. *Premier Approaches to Arthroscopic Rotator Cuff Repair*. Kelly JD IV, editor. SLACK Inc, Thorofare, NJ. 2019.
14. Hartzler RU, Denard PJ. Subscapularis tears – recognition and technique fixation. *Premier Approaches to Arthroscopic Rotator Cuff Repair*. Kelly JD IV, editor. SLACK Inc, Thorofare, NJ. 2019.
15. Noyes MP, Denard PJ. Load-Sharing Rip-Stop and Knotless Rip-Stop Repairs for Massive Rotator Cuff Tears. *Video Atlas of Arthroscopic Rotator Cuff Repair*. Srikumaran U, editor. Thieme, New York, NY. 2017.
16. Noyes MP, Denard PJ. Reverse Total Shoulder Arthroplasty for Proximal Humerus Fracture. *Shoulder Surgery: Trick of the Trade*. Dines J, Dines D, Gulotta L, editors. Thieme, New York, NY. 2017.
17. Noyes MP, Denard PJ, Burkhart SS. Superior Capsule Reconstruction. *Atlas of Advanced Shoulder Arthroscopy*. Imhoff AB, Ticker JB, Mazzocca A, Voss A, editors. CRC Press, Abingdon, United Kingdom. 2017.
18. Noyes MP, Denard PJ, Burkhart SS. Full thickness posterior rotator cuff tear: Arthroscopic management. *Shoulder and Elbow Injuries in Athletes: Prevention, Treatment, and Return to Sport*. Arciero RC, Cordasco FA, Provencher MT, editors. Elsevier, New York, NY. 2017.
19. Denard PJ, Walch G. Reverse Shoulder Arthroplasty for Osteoarthritis with Walch B2 Glenoid: Indications and Specific Technical Consideration. *Reverse Shoulder Arthroplasty*. Dines J, Dines D, Edward B, editors. Thieme, New York, NY. 2016.
20. Denard PJ, Burkhart SS. Arthroscopic Management of Subscapularis Tears. *Disorders of Rotator Cuff and Biceps Tendon*. Provencher M, Romeo A, Cole B, Boileau P, editors. Elsevier, New York, NY. 2019.
21. Burkhart SS, Denard PJ. Arthroscopic Linked Double Row Rotator Cuff Repair. *The Shoulder: AANA Advanced Arthroscopic Surgical Techniques*. Ryu RR, Angelo RL, Abrams JS, editors. Slack Inc, Thorofare, NJ. 2015.
22. Denard PJ, Burkhart SS. Retracted Subscapularis Tears. *Elite Techniques in Shoulder Arthroscopy: New Frontiers in Shoulder Preservation*. Kelly JD IV, editor. Springer, London, UK. 2015.
23. Lädermann A, Denard PJ. Influence of Arm Lengthening in Reverse Shoulder Arthroplasty. *Reverse Shoulder Arthroplasty*. Frankle MA, editor. Springer, London, UK. 2015.
24. Lädermann A, Denard PJ. Reverse Shoulder Arthroplasty in Patients with Preoperative Deltoid Impairment. *Reverse Shoulder Arthroplasty*. Frankle MA, editor. Springer, London, UK. 2015.
25. Lädermann A, Benchouk S, Denard PJ. Traumatic Anterior Shoulder Instability: Part 1. General Concepts and Proper Management. *Sports Injuries to the Shoulder and Elbow*. Park JY, editor. Springer, London, UK. 2015.
26. Denard PJ, Burkhart SS. The Latarjet Procedure for the Treatment of Recurrent Anterior Glenohumeral Instability in Patients with Bone Loss. *Operative Techniques in Orthopaedic Surgery, 2nd Edition*. Ramsey R, Wiesel SW, Williams GR Jr, editors-in-chief. Lippincott Williams & Wilkins, Philadelphia, PA. 2015.

27. Adams C, Denard PJ, Burkhart SS. Subscapularis Tendon Tears. *Operative Techniques in Orthopaedic Surgery, 2nd Edition*. Ramsey R, Wiesel SW, Williams GR Jr, editors-in-chief. Lippincott Williams & Wilkins, Philadelphia, PA. 2015.
28. Raiss P, Denard PJ, Walch G. Recurrent Glenohumeral Instability in the Epileptic Patient. *Controversies in Shoulder Instability*. Dodson C, Dines D, Dines JS, Walch G, Williams GR, editors. Lippincott Williams & Wilkins, Philadelphia, PA. 2013.
29. Denard PJ, Burkhart SS. Failed Rotator Cuff Surgery. *Shoulder Arthroscopy: Principles and Practice*. Milano G, Grasso A, editors. Springer, London, UK. 2013.
30. Denard PJ, Burkhart SS. Treatment of Recurrent Anterior Inferior Instability Associated with Glenoid Bone Loss: Coracoid Transfer and The Modified Latarjet Procedure. *Surgical Techniques of the Shoulder, Elbow, and Knee in Sports Medicine, 2nd Edition*. Cole BJ, Sekiya JK, editors. Elsevier, New York, NY. 2013
31. Denard PJ, Burkhart SS. Arthroscopic Partial Repair of the Rotator Cuff. *Master Techniques: The Shoulder, 3rd Edition*. Craig EV, editor. Lippincott Williams & Wilkins, Philadelphia, PA. 2012.
32. Denard PJ, Burkhart SS. Rotator Cuff Repairs: Arthroscopic Management. *Disorders of the Shoulder, 3rd Edition*. Iannotti JP, Williams GR Jr, Miniaci A, Zuckerman JD, editors. Lippincott Williams & Wilkins, Philadelphia, PA. 2012
33. Denard PJ, Burkhart SS. Cuff Repair – Knotless. *Video Atlas of Shoulder Surgery*. McCann PD, editor. Jaypee Brothers Medical Publishers LTD of New Delhi, India. 2012.

PUBLICATIONS

1. Ramamurti P, Kamalopathy P, Denard PJ, Werner BC. Prior Surgical Fixation of Proximal Humerus Fractures is Associated with Increased Complications Following Subsequent Reverse Shoulder Arthroplasty. *Seminars in Arthroplasty: JSES*, 2022, In Press.
2. Pasqualini I, Rossi LA, Brandariz R, Tanoria I, Fuentes N, Denard PJ, Ranaletta M. Similar clinical, return to sports, recurrence and revision outcomes between female and male athletes following arthroscopic Bankart repair. *Arthroscopy* 2022; In Press.
3. Adams CR, Pasqualini I, Heidenthal JM, Brady PC, Denard PJ. A technique for a suture-based cable reconstruction of an irreparable posterosuperior rotator cuff tear. *Arthroscopy Techniques*, 2022; In Press.
4. Menendez ME, Wong I, Denard PJ, Tokish JM. Free bone block procedures for anterior shoulder instability. *JAAOS* 2022; In Press
5. Denard PJ, Romeo AA. Considerations for Shoulder Arthroplasty Implant Selection in Primary Glenohumeral Arthritis with Posterior Glenoid Deformity. *JAAOS* 2022; In Press.
6. Sears BW, Creighton R, Denard PJ, Griffin J, Lichtenberg S, Lederman E, Werner BC. Difference in the restoration of humeral head radiographic anatomy and center of rotation between short-stemmed and stemless implants. *JSES* 2022; In Press.
7. Hartzler RU, Ardebol J, Denard PJ. Arthroscopic excision of painful acromial fracture non-union after reverse total shoulder replacement. *Arthroscopy Techniques* 2022; In Press.

8. Horinek JL, Menendez ME, Narbona P, Läderrmann A, Barth J, Denard PJ. Arthroscopic Bankart repair with remplissage may be an alternative to Latarjet for anterior glenohumeral instability with > 15% glenoid bone loss. *OJSM* 2022; In Press.
9. Bercik MJ, Werner B, Sears B, Gobeze R, Lederman E, Denard PJ. A comparison of central screw versus post for glenoid baseplate fixation in reverse shoulder arthroplasty using a lateralized glenoid design. *J Clinical Medicine* 2022; In Press.
10. Goodloe JB, Denard PJ, Lederman E, Gobeze R, Werner BC. No Difference in Range of Motion in Reverse Total Shoulder Arthroplasty Using Standard or Constrained Liners: A Matched Cohort Study. *JSES International* 2022; In Press
11. Ardebol J, Pasqualini I, Hartzler RU, Griffin JW, Lederman E, Denard PJ. Arthroscopic Management of Stiffness and Anterior Shoulder Pain Following Reverse Shoulder Arthroplasty. *Arthroscopy Techniques* 2022; In Press
12. Phillips C, Pasqualini I, Barros H, Menendez ME, Horinek JL, Ardebol J, Denard PJ. Lesser Tuberosity Osteotomy Healing in Stemmed and Stemless Anatomic Shoulder Arthroplasty is Higher with a Tensionable Construct and Affected by Body Mass Index and Tobacco Use. *JSES International* 2022; In Press
13. Ardebol J, Menendez ME, Narbona P, Horinek JL, Pasqualini I, Denard PJ. Reverse shoulder arthroplasty for massive rotator cuff tears without glenohumeral arthritis: A systematic review comparing outcomes between patients with or without prior attempted rotator cuff repair. *J of ISAKOS* 2022; In Press
14. Creighton RA, Burrus MT, Werner BC, Gobeze R, Lederman E, Denard PJ. Short-term clinical and radiographic outcomes of a hybrid all-polyethylene glenoid based on preoperative glenoid morphology. *JSES* 2022; In press.
15. Erickson B, Denard PJ, Griffin J, Wittman T, Raiss P, Gobeze R, Lederman E, Werner B. A 135 degree short inlay humeral stem leads to comparable radiographic and clinical outcomes compared to a standard length stem for reverse shoulder arthroplasty. *JSES International* 2022; In Press
16. Hoffman TR, Lamplot JD, McClish SJ, Payne C, Denard PJ. Three Medial All Suture Anchors Improves Contact Force Compared to Two Hard Body Anchors in a Biomechanical Two-Tendon Rotator Cuff Tear Model. *ASMAR* 2022; In Press
17. Bents EJ, Werner BC, Griffin JW, Raiss P, Denard PJ. A radiographic analysis of proximal humeral anatomy in patients with primary glenohumeral arthritis and implications for press-fit stem length. *J Clinical Medicine*, 2022; In Press
18. Burrus MT, Denard PJ, Lederman E, Gobeze R, Werner BC. The Influence of Computed Tomography Preoperative Planning on Clinical Outcomes after Anatomic Total Shoulder Arthroplasty: A Matched Cohort Analysis. *Seminars in Arthroplasty: JSES*, In Press, 2022.
19. Menendez ME, Sudah SY, Denard PJ. Anatomic versus reverse shoulder arthroplasty for glenohumeral osteoarthritis with intact rotator cuff: A retrospective comparison of patient-reported outcomes using the surgical outcomes system databased with up to 5-year follow-up. *Seminars in Arthroplasty: JSES*, 2022; In Press.
20. Pasqualini I, Menendez ME, Ardebol J, Denard PJ. Infographic: Dermal allograft augmentation for rotator cuff repairs. *Arthroscopy* 2022; In Press.

21. Menendez ME, Sudah SY, Cohn MR, Narbona P, Lädermann A, Barth J, Denard PJ. Defining Minimal Clinically Important Difference and Patient Acceptable Symptom State after the Latarjet Procedure. *AJSM* 2022; In Press
22. Burrus MT, Denard PJ, Lederman E, Gobezie R, Werner BC. The Influence of Computed Tomography Preoperative Planning on Clinical Outcomes after Anatomic Total Shoulder Arthroplasty: A Matched Cohort Analysis. *Seminars in Arthroplasty: JSES*, 2022; In Press.
23. Sudah AY, Faccone RD, Denard PJ, Menendez ME. Evaluation of the National Institutes of Health – Supported Relative Citation Ratio among American Shoulder and Elbow Surgeons Fellowship Faculty: A New Bibliometric Measure of Scientific Influence. *JSES*, 2022; In Press.
24. Kunal K, Gruber M, Szakiel P, Werner B, Denard PJ. The influence of preoperative rotator cuff cross-sectional area and strength on postoperative outcomes in reverse shoulder arthroplasty. *JSES*, 2022; In Press
25. Denard PJ, Callegari JJ, McGarry M, Crook L, Adamson NA, Fraipoint GM, Provencher MT, Lee TQ. The addition of remplissage to free bone block improves biomechanics compared to free bone block along or Latarjet in a bipolar bone loss model. *Arthroscopy*, 2022; In Press.
26. Horinek JL, Menendez ME, Callegari JJ, Narbona P, Lädermann A, Barth J, Denard PJ. Consideration may be given to lowering the threshold for the addition of remplissage in patients with subcritical glenoid bone loss undergoing arthroscopic Bankart repair. *ASMAR* 2022; In Press
27. Erickson B, Denard PJ, Griffin J, Gobezie R, Lederman E, Werner B. Initial and 1 year radiographic comparison of reverse total shoulder arthroplasty with a short vs. standard length humeral stem. *JAAOS* 2022; In Press.
28. Cole EW, Werner BC, Denard PJ. Perianchor cyst formation is similar between all-suture and conventional suture anchors used for arthroscopic rotator cuff repair in the same shoulder. *ASMAR* 2022; In Press
29. Waltz RA, Peebles AM, Ernat JJ, Eble SK, Denard PJ, Romeo AA, Golijanin P, Liegel SM, Provencher MT. Commercial 3-D Imaging Programs Are Not Created Equal: Version and Inclination Measurement Positions Vary Among Preoperative Planning Software. *JSES International* 2022; In Press
30. Horinek JL, Menendez ME, Narbona P, Lädermann A, Barth J, Denard PJ. Remplissage yields similar 2-year outcomes, fewer complications, and low recurrence compared to Latarjet across a wide range of preoperative glenoid bone loss. *Arthroscopy*, 2022; In Press.
31. Menendez ME, Keegan N, Werner BC, Denard PJ. COVID-19 as a Catalyst for Same-Day Discharge Total Shoulder Arthroplasty. *J Clinical Medicine*, 2022; In Press
32. Harmsen SM, Robaina J, Campbell D, Denard PJ, Gobezie R, Lederman ES. Does Lateralizing the Glenosphere Center of Rotation by 4 mm Decrease Scapular Notching in Reverse Shoulder Arthroplasty with a 135° Humeral Component? *JSES International* 2022; In Press
33. Lilley BM, Lachance A, Peebles AM, Powell SN, Romeo AA, Denard PJ, Provencher MT. What is the deviation in 3D preoperative planning software? A systematic review of concordance between plan and actual implant in reverse total shoulder arthroplasty. *JSES* 2022; In Press.

34. Powell SN, Lilley BM, Peebles AM, Dekker TJ, Warner JP, Romeo AA, Denard PJ, Provencher MT. Impact of fatty infiltration of the rotator cuff on reverse total shoulder arthroplasty outcomes: A systematic review. *JSES Reviews, Reports, and Techniques* 2022; In Press.
35. Ho S, Denard PJ, Chong X, Collin P, Wang S, Lädermann A. Achilles tendon-bone block allograft for massive rotator cuff tears with bony deficiency of the greater tuberosity. A minimum two-year follow-up study. *OJSM* 2022; In Press.
36. Denard PJ, Jackson G, Bedi A. Graft augmentation of repairable rotator cuff tears: An algorithmic approach based on healing rates. *Arthroscopy* 2022; In Press.
37. Gruber M, Denard PJ, Kirloskar K, Werner B, Lädermann A. Factors associated with Internal rotation Following Reverse Shoulder Arthroplasty: A Narrative Review. *JSES Reviews, Reports, & Techniques* 2022; In Press.
38. Erickson BJ, Werner BC, Griffin JW, Gobezie R, Lederman E, Sears BW, Bents E, Denard PJ. A comprehensive evaluation of the association of radiographic measures of lateralization on clinical outcomes following reverse total shoulder arthroplasty. *JSES* 2022; In Press.
39. Mancini M, Horinek J, Denard PJ. Arthroscopic Rotator Cuff Repair: A Review of Surgical Techniques and Outcomes. *Clinics in Sports Medicine* 2022; In Press.
40. Cole EW, Moulton SG, Werner BC, Denard PJ. Why patients fail to achieve a patient acceptable symptom state (PASS) after total shoulder arthroplasty. *JSES International* 2022; In Press.
41. Namdari S, Sudah S, Menendez ME, Denard PJ. Antibiotic spacers for shoulder periprosthetic joint infection. *JAAOS* 2022; In Press
42. Burrus MT, Denard PJ, Lederman E, Gobezie R, Werner BC. Reverse total shoulder arthroplasty for patients with preserved active elevation and moderate to severe pain: A matched cohort study. *JSES International* 2022; In Press.
43. Burrus MT, Griffin JW, Denard PJ, Lederman E, Gobezie R, Werner BC. Anatomic total shoulder arthroplasty in patients with preserved preoperative motion. *Seminars in Arthroplasty: JSES*, 2022; In Press.
44. Collin P, Nabergoi M, Denard PJ, Wan S, Bothorel H, Lädermann A. Arthroscopic biceps transfer to the glenoid with Bankart repair grants satisfactory 2-year results for recurrent anteroinferior glenohumeral instability in subcritical bone loss. *Arthroscopy*, 2022; In Press.
45. Callegari JJ, Phillips CJ, Lee TQ, Kruse K, Denard PJ. Semitendinosus Allograft Cable Reconstruction Technique for Massive Irreparable Rotator Cuff Tears. *Arthroscopy Techniques*, 2022; 11: e153-161.
46. Rodriguez S, Mancini MR, Kakazu R, LeVasseur MR, Trudeau MT, Cote MP, Arciero RA, Denard PJ, Mazzocca AD. Comparison of the Coracoid, Distal Clavicle, and Scapular Spine for Autograft Augmentation of Glenoid Bone Loss: A Radiographic and Cadaveric Assessment. *AJSM*, 2022; In Press.
47. Lädermann A, Collin P, Trebse R, Denard PJ, Nabergoj M. Mechanical complications and fracture after reverse shoulder arthroplasty related to different design types and their rates. Part I. *EFORT Open Reviews*, 2021; In Press.

48. Lädermann A, Collin P, Trebse R, Denard PJ, Nabergoj M. Mechanical complications and fracture after reverse shoulder arthroplasty related to different design types and their rates. Part II. *EFORT Open Reviews*, 2021; In Press
49. Lädermann A, Denard PJ, Barth J, Bonneville N, Lejeune E, Bothorel H, Nourissat G. Superior capsular reconstruction for irreparable rotator cuff tear: Autograft versus Allograft. *Orthopaedic & Traumatology: Surgery & Research*, 2021; In Press.
50. Nabergoi M, Zumstein M, Denard PJ, Collin P, Ho SWL, Wang S, Lädermann A. Capsulo-labral reconstruction during the open Latarjet procedure. *Arthroscopy Techniques* 2021; In Press.
51. Denard PJ, Park MC, McGarry MH, Adamson G, Lee TQ. Biomechanical Assessment of a V-Shaped Semitendinosus Allograft Anterior Cable Reconstruction for Irreparable Rotator Cuff Tears. *Arthroscopy* 2021; In Press
52. Denard PJ, Werner BC, Gobezie R, Cohen BS, Lederman E. Cause for revision differs between a short and standard length stem at 5 year follow-up. *Seminars in Arthroplasty: JSES* 2021; In Press.
53. Goetti P, Denard PJ, Collin P, Ibrahim M, Mazzolari A, Lädermann A. Biomechanics of anatomic and reverse shoulder arthroplasty. *EFORT Open Reviews*, 2021; In press.
54. Cancienne JM, Walters JD, Denard PJ, Garrigues GE, Werner BC. Use of preoperative advanced imaging for reverse total shoulder arthroplasty. *Seminars in Arthroplasty: JSES* 2021; In Press.
55. Bachmaier S, Flury M, Lichtenberg S, Schwyzer HK, Anderal W, Denard PJ, Ritter D, Higgins L, Wijdicks C. Post-preparation peri-implant humeral bone density and fixation strength vary based on design in stemless reverse shoulder arthroplasty. *Seminars in Arthroplasty: JSES* 2021; In Press.
56. Werner BC, Lederman ES, Gobezie R, Denard PJ. Understanding the variables that are associated with failure to achieve an acceptable symptom state after reverse shoulder arthroplasty. *Seminars in Arthroplasty: JSES* 2021; In Press.
57. Lädermann A, Denard PJ. Proper indications for shoulder subacromial decompression result in excellent outcomes. *Arthroscopy* 2021; In Press.
58. Cirino CMT, Cagle PJ, Gobezi RB, Lederman ES, Denard PJ, Parsons BO. The impact of subscapularis integrity on functional outcome in reverse total shoulder arthroplasty utilizing a 135° stem. *Seminars in Arthroplasty: JSES* 2021; In Press.
59. Otto A, Scheiderer B, Murphy M, Savino A, Mehl J, Kia C, Obopilwe E, DiVerne J, Cote MP, Denard PJ, Romeo AA, Mazzocca AD. Bioconcave glenoids show three differently oriented posterior erosion patterns. *JSES* 2021; In Press
60. Griffin JW, Denard PJ, Romeo AA, Lederman E, Werner BC. Inclination correction is associated with improved clinical outcomes in anatomic total shoulder arthroplasty. *JSES: Seminars in Arthroplasty* 2021; In Press.
61. Berthold DP, Morikawa D, Muench LN, Baldino JB, Cote MP, Creighton RA, Denard PJ, Gobezie R, Lederman E, Romeo AA, Beitzel K, Mazzocca AD. Negligible correlation between radiographic measurements and clinical outcomes in patients following primary reverse total shoulder arthroplasty. *J of Clinical Medicine* 2021; In Press.

62. Callegari JJ, Phillips CJ, Denard PJ. All-Inside Knotless Remplissage: A New Technique. *Arthroscopy Techniques* 2021; 10:e1479-84.
63. Haidamous G, Phillips C, Denard PJ. Clinical and radiographic factors associated with internal rotation outcomes following reverse shoulder arthroplasty using an inlay stem design. *Seminars in Arthroplasty: JSES* 2021; In Press
64. Werner BC, Lederman E, Gobezie R, Denard PJ. Glenoid Lateralization Influences Active Internal Rotation after Reverse Shoulder Arthroplasty. *JSES* 2021; In Press
65. Hammad AM, Phillips C, Wijdicks CA, Adams CR, Denard PJ. Two-year retrospective patient-reported outcomes following superior capsule reconstruction. *Arthroscopy* 2021; In Press
66. Werner BC, Griffin JW, Lederman E, Gobezie R, Denard PJ. Glenosphere inclination and clinical outcomes after reverse shoulder arthroplasty; *Seminars in Arthroplasty JSES* 2021; In Press.
67. Tracy ST, Werner BC, Steinbeck J, Smith MJ, Lin A, Sears BW, Hatzidakis AM, Cohen BS, Litchenberg S, Lederman ES, Denard PJ. Revision to reverse total shoulder arthroplasty: do short stem and stemless implants reduce the operative burden compared to convertible stems? *Seminars in Arthroplasty: JSES* 2021; In Press.
68. Werner BC, Griffin JW, Thompson T, Lendhey M, Higgins LD, Denard PJ. Biomechanical evaluation of a suture anchor-based subscapularis repair technique for stemless shoulder arthroplasty. *JSES* 2021; In Press.
69. Griffin JW, Romeo AA, Werner BC, Mazzocca A, Lederman E, Gobezie R, Denard PJ. Lesser tuberosity osteotomy does not appear to compromise fixation or function when compared to peel in short stem anatomic shoulder arthroplasty. *Orthopedics* 2021; In Press
70. Cancienne JM, Denard PJ, Garrigues GE, Werner BC. Bilateral arthroscopic primary rotator cuff repair within 3 months is associated with increased complications. *AJSM* 2021; In Press
71. Werner BC, Denard PJ, Tokish JM, Bedi A, Donegan RP, Metcalfe N, Dines JS. The addition of preoperative three-dimensional analysis alters implant choice in shoulder arthroplasty. *Shoulder Elbow* 2021; In Press
72. Ibrahim M, Narbona P, Denard PJ, Arrigoni P, Collin P, Lädermann A. Evaluation of the Subscapularis Split Created with Passive External Rotation During Arthroscopic Dynamic Anterior Stabilization (DAS). *Orthopaedics & Traumatology: Surgery & Research* 2021; In press
73. Werner BC, Creighton RA, Denard PJ, Lederman E, Romeo AA, Griffin JW. Humeral head center of rotation shift from ideal is associated with inferior clinical outcomes after anatomic total shoulder arthroplasty. *Seminars in Arthroplasty: JSES* 2020; In Press.
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197. Burkhart SS, Sanders TG, Denard PJ, Parsley BK. MRI – Arthroscopy Correlations of the Shoulder: A Case-Based Approach. *Instructional Course Lectures* 2012; 61:185-200.
198. Lädermann A, Christophe FK, Denard PJ, Walch G. Supraspinatus rupture at the musculotendinous junction. *J Shoulder Elbow Surg* 2012; 21:72-6.
199. Lädermann A, Denard PJ, Burkhart SS. Mid-term outcome of arthroscopic revision repair of massive and non-massive rotator cuff tears. *Arthroscopy* 2011; 27: 1620-7.
200. Denard PJ, Burkhart SS. Arthroscopic Revision Rotator Cuff Repair. *JAAOS* 2011; 19: 657-66.
201. Barth J, Grosclaude S, Lädermann A, Denard PJ, Graveleau N, Walch G. Arthroscopic posterior bone graft for posterior instability: the trans-rotator interval sparing cuff technique. *Tech Shoulder Elbow Surg* 2011; 12:67-71.
202. Denard PJ, Burkhart SS. Techniques for managing poor quality tissue and bone during arthroscopic rotator cuff repair. *Arthroscopy* 2011; 27:1409-21.
203. Denard PJ, Lädermann A, Burkhart SS. Double-row Fixation of Upper Subscapularis Tears with a Single Suture Anchor. *Arthroscopy* 2011; 27: 1042-9.
204. Denard PJ, Narbona P, Lädermann A, Burkhart SS. Bankart Augmentation for Capsulolabral Deficiency Using a Split Subscapularis Tendon Flap. *Arthroscopy* 2011; 27: 1135-41.
205. Denard PJ, Lädermann A, Burkhart SS. Prevention and management of stiffness following arthroscopic rotator cuff repair: Systematic review and implications for rotator cuff healing. *Arthroscopy* 2011; 27:842-8.
206. Denard PJ, Burkhart SS. A New Method for Knotless Fixation of an Upper Subscapularis Tear. *Arthroscopy* 2011; 27:861-6.

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208. Denard PJ, Lädermann A, Burkhart SS. Arthroscopic Management of Subscapularis Tears. *Sports Medicine and Arthroscopy Review* 2011; 19: 333-41.
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211. Fitzpatrick DC, Denard PJ, Phelan D, Long WB, Madey SM, Bottlang. Operative stabilization of flail chest injuries: review of literature and fixation options. *Eur J Trauma Emerg Surg* 2010;36:427-433.
212. Denard PJ, Bahney T, Kirby SH, Orfaly RM. Contact pressure and glenohumeral translation following subacromial decompression: How much is enough? *Orthopedics*, 2010; 33:805.
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214. Denard PJ, Holton FK, Miller J, Fink HA, Kado DM, Yoo JY, Marshall LM. Lumbar spondylolisthesis among elderly men: prevalence, correlates, and progression. *Spine* 2010; 35: 1072-1078
215. Denard PJ, Fetter JC, Zacharski LR. Rectus Sheath Hematoma Complicating Low-Molecular Weight Heparin Therapy. *International Journal of Laboratory Hematology* 2007; 29:190-4.
216. Denard PJ, Koval KJ, Cantu RV, Weinstein JN. Management of Midshaft Clavicle Fractures in Adults. *American Journal of Orthopaedics* 2005; 34:527-536.

GRANTS

-
1. **Title:** Arthroscopic Stabilization of AC joint injuries and distal clavicle fractures with the Dog Bone Device
Role: Principal Investigator **Amount:** \$18,000 **Date:** 2013
Source: Arthrex, Inc.
2. **Title:** Can multi-planar fixation improve the strength of locked plating constructs?
Role: Co-Investigator **Amount:** \$50,000 **Date:** 2008
Source: Osteosynthesis and Trauma Care Foundation Research Grant

NON PEER-REVIEWED PUBLICATIONS

1. Denard PJ, Collin P. Clinical Faceoff: Tenotomy versus tenodesis for the treatment of proximal biceps pathology. *COOR*, 2022.
2. Denard PJ. Article Perspective: Ma et al. Does suprascapular nerve release provide additional benefits for rotator cuff repair: a systematic review and meta-analysis. *Orthopedics Today*, 2022.
3. Menendez M and Denard PJ. Podcast perspective on Remplissage yields similar 2-year outcomes, fewer complications, and low recurrence compared to Latarjet across a wide range of preoperative glenoid bone loss. *Arthroscopy Journal Podcast*, 2022
4. Denard PJ. Article Perspective: Morris et al. Cost of Arthroscopic Rotator Cuff Repairs is Primarily Driven by Procedure-level factors: A Single-Institution Analysis of an Ambulatory Surgery Center. *Orthopedics Today*, 2021.
5. Denard PJ. Article Perspective: Badman et al. ASES 2020 Annual Meeting 21:48-55. *Orthopedics Today*, Jan 2021.
6. Denard PJ. Editorial Commentary: How Do We Assess Graft Status After Superior Capsule Reconstruction? *Arthroscopy*, 2020; 36:1020-1.
7. Denard PJ. Editorial Commentary: Remplissage for all: "Hammer and a Nail" or the Necessary Adjunct to Arthroscopic Bankart Repair? *Arthroscopy*, 2019; 35:629-630.
8. Denard PJ. Editorial Commentary: Suprascapular Neuropathy in Overhead Athletes: To Release or Not to Release?. *Arthroscopy*, 2018; 34:2558-9.
9. Denard PJ. Article Perspective: Okoroha et al. JSES 2016; 25:1742-8. *Orthopedics Today*, 2017
10. Denard PJ. Editorial Commentary: A Biomechanical Analysis of Different Clavicular Tunnel Diameters in Anatomical Acromioclavicular Reconstruction. *Arthroscopy*, 2016.
3. Denard PJ. Arthroscopic repair should be the first line of treatment for massive rotator cuff tears. Point-Counter Point. *AANA Newsletter*, Spring 2014.
11. Denard PJ. Article Perspective: Iannotti et al. JSES 2012; 21:48-55. *Orthopedics Today*, July 2011
12. Denard PJ. Sunset at Hanalei Bay, Kauai. (Photograph). *Spine* 2004; 29: i

ABSTRACTS

1. Horinek JL, Menendez ME, Narbona P, Läderrmann A, Barth J, Denard PJ. Remplissage yields similar 2-year outcomes, fewer complications, and low recurrence compared to Latarjet across a wide range of preoperative glenoid bone loss. Poster Presentation. *SECEC Annual Meeting 2022*. Dublin, Ireland.
2. Horinek JL, Menendez ME, Narbona P, Läderrmann A, Barth J, Denard PJ. Arthroscopic Bankart repair with remplissage may be an alternative to Latarjet for anterior glenohumeral instability with > 15% glenoid bone loss. Poster Presentation. *SECEC Annual Meeting 2022*. Dublin, Ireland.
3. Erickson B, Denard PJ, Griffin J, Wittman T, Raiss P, Gobezie R, Lederman E, Werner B. A 135 degree short inlay humeral stem leads to comparable radiographic and clinical outcomes compared to a standard length stem for reverse shoulder arthroplasty. Poster Presentation. *SECEC Annual Meeting 2022*. Dublin, Ireland.
4. Phillips C, Barros H, Pasqualini I, Denard PJ. Lesser Tuberosity Healing is improved with a tensionable construt compared to manual knot tying. Poster Presentation. *SECEC Annual Meeting 2022*. Dublin, Ireland.
5. Bercik MJ, Werner B, Sears B, Gobezie R, Lederman E, Denard PJ. A comparison of central screw versus post for glenoid baseplate fixation in reverse shoulder arthroplasty using a lateralized glenoid design. Poster Presentation. *SECEC Annual Meeting 2022*. Dublin, Ireland.
6. Richetti E, et al. Case Survey of Surgical Management of Glenoid Bone Loss in Shoulder Arthroplasty: A Study of the ASES B2 Glenoid Multicenter Research Group. Oral Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
7. Sears B, et al. A Comparison of Radiographic Humeral Head Center of Rotation Restoration between Short-Stemmed and Stemless Humeral Implants. Poster Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
8. Denard PJ, et al. The impact of the COVID pandemic on discharge following shoulder arthroplasty. Oral Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
9. Tracy ST, et al. Resiliency is associated with outcomes following arthroscopic rotator cuff repair. Poster Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
10. Läderrmann A, Greiner S, Collin P, Metcalfe N, Denard PJ. Virtual ROM RSA: An analysis based on 10,000 Scapula. Oral Presentation: *SECEC Annual Meeting*. Poznan, Poland. Sept 2021
11. Denard PJ, Werner BC, Gobezie R, Cohen BS, Lederman E. Cause for revision differs between a short and standard length stem at 5 year follow-up. Oral Presentation: *SECEC Annual Meeting*. Poznan, Poland. Sept 2021
12. Werner BC, Lederman E, Gobezie R, Denard PJ. Glenoid Lateralization Influences Active Internal Rotation after Reverse Shoulder Arthroplasty. Oral Presentation: Southern Orthopaedic Association Annual Meeting. Charleston, SC. July 2021.

13. Cancienne JM, Denard PJ, Werner BC. Increased Complications with Bilateral Rotator Cuff Repair within Three Months. Oral Presentation: Southern Orthopaedic Association Annual Meeting. Charleston, SC. July 2021.
14. Griffin JW, Denard PJ, Romeo AA, Lederman E, Werner BC. Inclination correction is associated with improved clinical outcomes in anatomic total shoulder arthroplasty. *AAOS Annual Meeting. Poster. Aug 31-Sept 4, 2021. San Diego, CA.*
15. Sishani Y, Denard PJ, Higgins LD, Gobeze R. A comparative study of outcomes and pain following shoulder surgery using an avatar-based physical therapy monitoring system. Poster Presentation. *AAOS Annual Meeting. Aug 31-Sept 4, 2021. San Diego, CA.*
16. Cancienne JM, Denard PJ, Werner BC. The Relationship of Staged, Bilateral Arthroscopic Primary Rotator Cuff Repair Timing and Postoperative Complications. Paper Presentation. *AAOS Annual Meeting. Aug 31-Sept 4, 2021. San Diego, CA.*
17. Walters JD, Denard PJ, Brockmeier SF, Werner BC. The Relationship of Bilateral Shoulder Arthroplasty Timing and Postoperative Complications. Poster Presentation. *AAOS Annual Meeting. Aug 31-Sept 4, 2021. San Diego, CA.*
18. Cancienne JM, Denard PJ, Werner BC. Does the Sequence and Timing of Total Shoulder Arthroplasty Relative to Lower Extremity Arthroplasty Influence Postoperative Complications? Poster Presentation. *AAOS Annual Meeting. Aug 31-Sept 4, 2021. San Diego, CA.*
19. Werner BC, Creighton RA, Denard PJ, Lederman ES, Romeo AA, Griffin JW. Prosthetic Humeral Head Center of Rotation Shift from Ideal is Associated with Inferior Clinical Outcomes after Anatomic Total Shoulder Arthroplasty. Poster Presentation. *AAOS Annual Meeting. Aug 31-Sept 4, 2021. San Diego, CA.*
20. Narcotic Usage Following Shoulder Arthroplasty is Low With the Use of A Multimodal Approach to Pain. *ASES Annual Meeting 2019, New York, NY.* Poster Presentation
21. Liposomal Bupivacaine Interscalene Nerve Block Offers No Advantage Compared to Standard Bupivacaine in the Management of Pain Following Arthroscopic Rotator Cuff Repair. *ASES Annual Meeting 2019, New York, NY.* Poster Presentation
22. Radiographic Parameters Associated With Excellent Versus Poor Range Of Motion Outcomes Following Reverse Shoulder Arthroplasty *ASES Annual Meeting 2019, New York, NY.* Oral Presentation (First Author, Not presenting).
23. Tuberosity healing improves functional outcome following primary reverse shoulder arthroplasty for proximal humeral fracture with a 135° prosthesis. *ASES Annual Meeting 2018, Chicago, IL.* Oral Presentation.
24. Can A Functional Difference Be Detected In Reverse Arthroplasty With 135° Vs. 155° Prosthesis For The Treatment Of Rotator Cuff Arthropathy: A Prospective Randomized Study. *ASES Annual Meeting 2017, New Orleans, LA.* Oral Presentation (co-author, not presenting).
25. Version and inclination obtained with 3D planning in total shoulder arthroplasty: Do different programs produce the same results? *SECEC Annual Meeting 2017. Berlin, Germany.* Oral Presentation
26. Radiographic changes differ between two different short press-fit humeral stem designs in total shoulder arthroplasty. *SECEC Annual Meeting 2017. Berlin, Germany.* Poster
27. Outcomes and risk factors of adhesive capsulitis. *SECEC Annual Meeting 2017. Berlin, Germany.* Poster

28. Subscapularis Repair Using Subscapularis Peel And A Novel Through-Implant Suture Technique Achieves Equivalent Biomechanical Strength To Traditional Lesser Tuberosity Osteotomy Fixation. SECEC Annual Meeting 2017. Berlin, Germany. Poster
29. Shoulder Arthroplasty In Patients <50 Years Of Age: A Study Of Glenoid Morphology And Clinical Outcomes. SECEC Annual Meeting 2017. Berlin, Germany. Poster
30. Preliminary Results of Arthroscopic Superior Capsule Reconstruction with Dermal Allograft. *ISAKOS Annual Meeting 2017*. Shanghai, China. Oral Presentation.
31. Preliminary Results of Arthroscopic Superior Capsule Reconstruction with Dermal Allograft. *AANA Annual Meeting 2017*. Denver, CO. Oral Presentation (1st author, not presenting).
32. Can A Functional Difference Be Detected In Reverse Arthroplasty With 135° Vs. 155° Prosthesis For The Treatment Of Rotator Cuff Arthropathy: A Prospective Randomized Study. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2017. San Diego, CA. Oral Presentation.
33. Finite element analysis of glenoid-sided lateralization in reverse shoulder arthroplasty. *ASES Specialty Day 2017*. San Diego, CA. Oral Presentation. Neer Award Nominee
34. Immediate versus delayed passive range of motion following total shoulder arthroplasty. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2016 and *ASES Specialty Day*. Orlando, FL. Oral Presentation. Neer Award Nominee
35. Increasing Number And Total Time Of Dislocation Affect Surgical Management Of Anterior Shoulder Instability. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2014. New Orleans, LA. Oral Presentation.
36. Correlation Between ASES and SANE Score After Rotator Cuff or SLAP Repair. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2014. New Orleans, LA. Poster.
37. Total Shoulder Arthroplasty In Young Adults With Primary Glenohumeral Arthritis: Minimum 5 Year Follow-up. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2013. Chicago, IL. Poster.
38. Long-term Results Of Latarjet Procedure For The Treatment Of Anterior Glenohumeral Instability. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2013. Chicago, IL. Oral Presentation (co-author, not presenting).
39. Injury Of The Suprascapular Nerve During Latarjet Procedure: An Anatomic Study. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2013. Chicago, IL. Oral Presentation (co-author, not presenting).
40. Reverse Shoulder Arthroplasty With Deltoid Insufficiency. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2013. Chicago, IL. Oral Presentation (co-author, not presenting).
41. Recovery from pseudoparalysis after arthroscopic repair of massive rotator cuff tears. *EFFORT Annual Meeting*, 2012. Berlin, Germany. Oral Presentation (1st Author, not presenting).
42. Long-term Outcome of Arthroscopic Massive Rotator Cuff Repair: The Impact of Double-row Fixation. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2012. San Francisco, CA. Oral Presentation.
43. Arthroscopic Biceps Tenodesis Compared to Repair of Isolated Type II SLAP Lesions in Patients Over 35 Years of Age. *American Academy of Orthopaedic Surgeons Annual*

Meeting, American Shoulder and Elbow Surgeons Specialty Day, 2012. San Francisco, CA. Oral Presentation.

44. Arthroscopic management of proximal humerus malunion with tuberoplasty and rotator cuff re-tensioning. *American Academy of Orthopaedic Surgeons Annual Meeting, 2012. San Francisco, CA. Poster.*
45. Immediate Weight Bearing in Comminuted Tibial Shaft Fractures. *American Academy of Orthopaedic Surgeons Annual Meeting, 2012. San Francisco, CA. Poster.*
46. Injury of the suprascapular nerve during Latarjet procedure: an anatomic study. *Swiss Society for Orthopaedics and Traumatology Annual Meeting, 2011. Lausanne, Switzerland. Poster.*
47. Arthroscopic management of proximal humerus malunion with tuberoplasty and rotator cuff re-tensioning. *Swiss Society for Orthopaedics and Traumatology Annual Meeting, 2011. Lausanne, Switzerland. Poster.*
48. Supraspinatus ruptures at the musculotendinous junction: An uncommonly recognized phenomenon. *Swiss Society for Orthopaedics and Traumatology Annual Meeting, 2011. Lausanne, Switzerland. Poster.*
49. Arthroscopic Biceps Tenodesis Compared to Repair of Isolated Type II SLAP Lesions in Patients Over 35 Years of Age. *23rd European Society for Surgery of the Shoulder & Elbow, 2011. Lyon, France. Oral Presentation (1st author, not presenting)*
50. Multi-planar Fixation of a Locking Plate in the Diaphysis Improves Construct Strength. *Orthopaedic Trauma Association Annual Meeting, 2010. Baltimore, MD. Poster*
51. Natural History of Lumbar Spondylolisthesis in a Cohort of Elderly Men. *Lumbar Spine Research Society Annual Meeting, 2009. Chicago, IL. Oral Presentation.*
52. Natural History of Lumbar Spondylolisthesis in a Cohort of Elderly Men. *Western Orthopaedic Association Annual Meeting, 2009. Seattle, WA. Oral Presentation.*
53. Back Pain, Neurogenic Symptoms, and Physical Limitations in Relation to Spondylolisthesis among Elderly Men. *Lumbar Spine Research Society Annual Meeting, 2009. Chicago, IL. Oral Presentation.*
54. Contact pressures and glenohumeral translations following subacromial decompression: How much is enough? *Canadian Orthopaedic Association Annual Meeting, 2009. Whistler, Canada. Oral Presentation.*

AWARDS/ACTIVITIES

Orthopedics Journal

- "Best Clinical Article" 2020, *Osseous Integration of the Central Peg of an All-Polyethylene Glenoid with 3 Different Surgical Techniques*

Journal of ISAKOS

- 5 year anniversary "Most Downloaded Article Award" *Management of failed rotator cuff repair: a systematic review*, 2021
- 5 year anniversary "Most Cited Article Award" *Management of failed rotator cuff repair: a systematic review*, 2021

Orthopedics This Week

- Top 20 List of North American Shoulder Surgeons 2015

American Orthopaedic Association

- Emerging Leaders Program 2010-2011

Oregon Health & Science University

- Chief Resident Research Award, 2010
- Orthopaedic Best Practices Committee, 2008-2009
- JOT Best Orthopaedic Teaching Resident, 2008
- Orthopaedic In-Training Exam, >90 percentile all resident years

Dartmouth Medical School

- Ohiyesa Fellowship. Antigua, Guatemala, 2002. One-month intensive Spanish language and Guatemalan health care system immersion program. Fellowship was followed by two-weeks of volunteer medical service in a rural Honduran clinic
- Community and Public Health Institute. Washington, DC. Awarded grant by Dartmouth Medical School to attend workshop. Learned basic public health concepts and gained skills in community project development, fundraising, and grant writing

University of Puget Sound

- Varsity Football 1997 & 1998; GTE Academic All-District 1998
- Varsity Ski Team 1997

The Dalles High School

- Valedictorian 1997; Scholar-Athlete of the Year 1997

INSTRUCTION/LECTURES

AANA Annual Meeting

May 2022

San Francisco, FL

- Faculty lecture: Tips for remplissage

Shoulder360

April 2022

Miami, FL

- Multiple lectures

ASES Journal Club

April 2022

Virtual Moderator

Massive Rotator Cuff Tears

AANA Complex Instability Webinar

March 2022

Virtual

Humeral management of instability

Grand Rounds – Emory University

March 2022

Virtual

Dermal Allograft Augmentation & Picking your perfect practice

Grand Rounds - Texas Tech University

Feb 2022

Lubbock, TX

Picking your perfect practice

Ortho Kansas: Sports Medicine Symposium

Feb 2022

Lawrence, KS

- Multiple lectures

6th International ITC Meeting

Feb 2022

Dubai, UAE

- Multiple lectures

Orthopaedic Principles

Feb 2022

Virtual

- Remplissage: Indications, Technique, Pearls, and Pitfalls

AAOS Annual Meeting ICL

2021

Preoperative planning in shoulder arthroplasty

- Lecture

ASES/AANA Specialty Day

2021

Outpatient Shoulder Arthroplasty

- Lecture

ASES Podcast

2021

B2 glenoid

- Faculty

ASES Fellows Research Day Virtual • Session moderator	2021
BeeMed Symposium Virtual • Approach to massive rotator cuff tears	2021
ASES Fellows Virtual Meeting – PASTA Tears Virtual • Chair of session	2020
OSET Las Vegas, NV • Multiple Lectures	2019-20
Oregon Association of Orthopedic Surgeons Portland, Oregon • Multiple Lectures at annual meeting	2019-20
ASES Annual Meeting New York, NY • Superior Capsule Reconstruction Top Tips	2019
ICES Buenos Aires, Argentina • ICL: Shoulder Instability	2019
Refixation Shoulder Meeting Muenster, Germany • Live surgical procedure: Superior Capsule Reconstruction • Multiple Lectures	2019
Val d'Isere 11th Advanced Course on Shoulder Arthroscopy Val d'Isere, France • Multiple Lectures	2019
ICJR Shoulder Course Las Vegas, NV • Multiple Lectures	2018
ASES Annual Meeting Chicago, IL	2018

- Superior Capsule Reconstruction Current Technique

ASES Open Symposium 2018
 Chicago, IL

- Patient-Specific Instrumentation in TSA

ESSKA Annual Meeting 2018
 Glasgow, Scotland

- Rotator cuff ICL and SCR live demo

AANA Fall Course 2017
 Palm Desert, CA

- Mini-fellowship, lecture on RSA, and rotator cuff panel

ISAKOS Annual Meeting 2017
 Shanghai, China

- Surgical Focus Demo: Latarjet

Arthroscopy Association of North America Annual Meeting 2017
 Denver, CO

- Chair for ICL: "Predictable Repair of Massive Rotator Cuff Tears"
- Faculty for ICL: "New Paradigms in the Throwing Shoulder"

Val d'Isere 10th Advanced Course on Shoulder Arthroscopy 2017
 Val d'Isere, France

- Multiple Lectures

Arthroscopy Association of North America Annual Meeting 2016
 Boston, MA

- Chair for ICL: "Predictable Repair of Massive Rotator Cuff Tears"

AANA Specialty Day 2015
 Las Vegas, NV

- Biceps Tenodesis for SLAP Tears

San Diego Shoulder Course 2015-21
 San Diego, CA

- Multiple Lectures and Lab Instructor
- Program Committee 2016-9

Oregon Association of Orthopaedic Surgeons Annual Meeting 2014
 Salishan, OR

- Massive rotator cuff tears: Arthroscopy to Reverse Shoulder Arthroplasty

VuMedi The Event 2014
 San Francisco, CA

- Multiple Lectures

Arthroscopy Association of North America Annual Meeting

2013

San Antonio, TX

- Instructor for ICL: "Subscapularis Tendon Tears"

Advanced Arthroscopy: The Cowboy Way

2010 - Current

San Antonio, TX & Naples, FL

- Instructor for two-day lecture and cadaver course for orthopaedic surgeons

Other Industry Sponsored Shoulder Courses

2012 - Current

- Instructor for multiple Arthrex Inc. sponsored lectures and cadaver courses for orthopaedic surgeons

REFERENCES

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