

Patrick J Denard, MD

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 & Education 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
Director of Oregon Shoulder Fellowship Southern Oregon Orthopedics Medford, OR	2020 – 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 Centre Orthopedique Santy Gilles Walch, MD, Fellowship Director Lyon, France	2011
Advanced Shoulder Arthroscopy Fellowship The San Antonio Orthopaedic Group, LLP Steve Burkhart, MD, Fellowship Director San Antonio, TX	2010-2011
Orthopaedic Surgery Residency Oregon Health & Science University Jung Yoo, MD, Chairman Portland, OR	2005-2010
Doctor of Medicine Dartmouth Medical School Hanover, NH	2001-2005
Bachelor of Science University of Puget Sound Tacoma, WA	1997-2001
Study Abroad University of Sussex Brighton, England	1999

LICENSES

Oregon, MD27260	02/2007 - current
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CERTIFICATIONS

American Board of Orthopaedic Surgery	Board Certified
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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

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, 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. Sheean 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. Sheean 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. 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
2. 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.
3. 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.
4. 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
5. 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.
6. 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

7. 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.
8. 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
9. 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
10. 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 stem length. *Seminars in Arthroplasty: JSES*, 2022; In Press.
11. 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.
12. Menendez ME, Keegan N, Werner BC, Denard PJ. COVI-19 as a Catalyst for Same-Day Discharge Total Shoulder Arthroplasty. *J Clinical Medicine*, 2022; In Press
13. 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
14. 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.
15. 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.
16. 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.
17. Denard PJ, Jackson G, Bedi A. Graft augmentation of repairable rotator cuff tears: An algorithmic approach based on healing rates. *Arthroscopy* 2022; In Press.
18. 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.
19. 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.
20. Denard PJ, Mancini M. Arthroscopic Rotator Cuff Repair: A Review of Surgical Techniques and Outcomes. *Clinics in Sports Medicine* 2022; In Press.

21. 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.
22. Namdari S, Sudah S, Menendez ME, Denard PJ. Antibiotic spacers for shoulder periprosthetic joint infection. *JAAOS* 2022; In Press
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.
29. 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
30. 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.
31. 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.
32. 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
33. 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.
34. 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.

35. 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.
36. 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.
37. 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.
38. Lädermann A, Denard PJ. Proper indications for shoulder subacromial decompression result in excellent outcomes. *Arthroscopy 2021*; In Press.
39. 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.
40. 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
41. 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.
42. 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.
43. Callegari JJ, Phillips CJ, Denard PJ. All-Inside Knotless Remplissage: A New Technique. *Arthroscopy Techniques 2021*; 10:e1479-84.
44. 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
45. Werner BC, Lederman E, Gobezie R, Denard PJ. Glenoid Lateralization Influences Active Internal Rotation after Reverse Shoulder Arthroplasty. *JSES 2021*; In Press
46. Hammad AM, Phillips C, Wijdicks CA, Adams CR, Denard PJ. Two-year retrospective patient-reported outcomes following superior capsule reconstruction. *Arthroscopy 2021*; In Press
47. 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.
48. Tracy ST, Werner BC, Steinbeck J, Smith MJ, Lin A, Sears BW, Hatzidakis AM, Cohen BS, Lichtenberg 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.

49. 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.
50. 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
51. 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
52. 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
53. 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
54. 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.
55. Denard PJ, Nolte PC, Millett PJ, Adams CR, Liebler S, Rego G, Higgins LD. A tensionable suture-based cerclage is an alternative to stainless steel cerclage fixation for stabilization of a humeral osteotomy during shoulder arthroplasty. *JAAOS* 2020; In Press
56. Mandava NK, Sethi P, Routman HD, Liddy N, Haidamous G, Denard PJ. Opioid requirement after rotator cuff repair is low with a multimodal approach to pain. *J Shoulder Elbow Surg* 2020; In Press.
57. Lädermann A, Denard PJ, Collin P, Meynard T, Ibrahim M. Reliable diagnosis of posterosuperior rotator cuff tears requires a combination of clinical tests. *Knee Surg, Sports Trauma, Arthroscopy*. 2020; In Press.
58. Cancienne JM, Denard PJ, Werner BC. Does the sequence and timing of elective total shoulder arthroplasty relative to lower extremity arthroplasty matter? *Seminars in Arthroplasty: JSES* 2020, 30: p308-14.
59. Denard PJ, Chae S, Chalmers C, Choi JH, McGarry MH, Adamson G, Park M, Lee TQ. Biceps box configuration for superior capsule reconstruction of the glenohumeral joint decreased superior translation but not to native levels in a biomechanical study. *AMSAR* 2021; 3:e343-50.
60. Callegari J, Haidamous G, Lädermann A, Phillips C, Denard PJ. Factors influencing appropriate implant selection and position in reverse shoulder arthroplasty. *Ortho Clinic North America* 2021; 52:157-66.
61. Lädermann A, Denard PJ, Collin P, Ibrahim M, Bothorel H, Chiu JC. SANE for instability as an alternative to the Rowe score. *J Shoulder Elbow Surg* 2021; 5:1167-73.
62. Hartzler RU, Denard PJ, Griffin J, Werner B, Romeo AA. Surgeon Acceptance of an Initial 3D Glenoid Preoperative Plan: Rates and Risk Factors. *J Shoulder Elbow Surg* 2021; 30:787-94.

63. Lädermann A, Denard PJ, Collin P, Blanche J, Cau C, Van Rooij F, Piotton S. Early and delayed acromioclavicular joint reconstruction provide equivalent outcomes. *J Shoulder Elbow Surg* 2021; 30:635-40.
64. Ricchetti ET, Khazzam MS, Denard PJ, et al. Reliability of the modified Walch classification for advanced glenohumeral osteoarthritis using three-dimensional computed tomography analysis: A study of the ASES B2 glenoid multicenter research group. *J Shoulder Elbow Surg* 2021; 30:736-46.
65. Lädermann A, Collin P, Denard PJ. Range of Motion after RSA: Which Combinations of Humeral Stem and Glenosphere Work the Best? *Obere Extremitat* 2020; 15:712-8.
66. Haidamous G, Noyes MP, Denard PJ. Arthroscopic Biceps Tenodesis Outcomes: A Comparison of Inlay and Onlay Techniques. *AJSM* 2020, 48: 3051-3056.
67. Haidamous G, Lädermann A, Hartzler RU, Parsons BO, Lederman ES, Tokish JM, Denard PJ. Radiographic Parameters Associated With Excellent Versus Poor Range Of Motion Outcomes Following Reverse Shoulder Arthroplasty. *Shoulder and Elbow* July 2020. doi:10.1177/1758573220936234.
68. Walters JD, Denard PJ, Brockmeier SF, Werner BC. The Relationship of Bilateral Shoulder Arthroplasty Timing and Postoperative Complications. *J Shoulder Elbow Surg* 2020; 30:317-23.
69. Erickson BJ, Chalmers PN, Denard PJ, Lederman E, Horneff G, Werner BC, Provencher MT, Romeo AA. Does Commercially Available Shoulder Arthroplasty Preoperative Planning Software Agree With Surgeon Measurements Of Version, Inclination and Subluxation? *J Shoulder Elbow Surg* 2021, 30:413-20.
70. Denard PJ, Werner BC, Gobezie R, Tokish JM, Kissenberth MJ, Lederman E. Lower rates of radiolucency with a hybrid all-polyethylene pegged glenoid component compared to a completely cemented pegged glenoid component. *Seminars in Arthroplasty: JSES*, 2020; 30:56-62.
71. Richard G, Denard P, Kaar S, Bohsali K, Horneff JG, Carpenter S, Fedorka C, Mamelson K, Garrigues G, Namdari S, Abboud J, Paxton SE, Kovacevic D, Hebert-Davies J, Ponce B, King JJ. Outcome measures reported for the management of proximal humeral fractures: A Systematic Review. *J Shoulder Elbow Surg*, 2020; 29: 2175-2184.
72. Eyberg BA, Walker BJ, Harmsen SM, Gobezie R, Denard PJ, Lederman ES. Suture Cerclage for Stabilizing the Humeral Shaft During Shoulder Arthroplasty. *JSES International*, 2020; 4:688-93.
73. Haidamous G, Lädermann A, Frankle MA, Gorman RA, Denard PJ. The risk of postoperative scapular spine fracture following reverse shoulder arthroplasty is increased with an onlay humeral stem. *J Shoulder Elbow Surg*, 2020; 29:2556-2563.
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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. 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.
2. Denard PJ. Article Perspective: Badman et al. ASES 2020 Annual Meeting 21:48-55. *Orthopedics Today*, Jan 2021.
3. Denard PJ. Editorial Commentary: How Do We Assess Graft Status After Superior Capsule Reconstruction? *Arthroscopy*, 2020; 36:1020-1.
4. Denard PJ. Editorial Commentary: Remplissage for all: "Hammer and a Nail" or the Necessary Adjunct to Arthroscopic Bankart Repair? *Arthroscopy*, 2019; 35:629-630.
5. Denard PJ. Editorial Commentary: Suprascapular Neuropathy in Overhead Athletes: To Release or Not to Release?. *Arthroscopy*, 2018; 34:2558-9.
6. Denard PJ. Article Perspective: Okoroha et al. JSES 2016; 25:1742-8. *Orthopedics Today*, 2017
7. 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.
8. Denard PJ. Article Perspective: Iannotti et al. JSES 2012; 21:48-55. *Orthopedics Today*, July 2011
9. Denard PJ. Sunset at Hanalei Bay, Kauai. (Photograph). *Spine* 2004; 29: i

ABSTRACTS

1. 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.
2. 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.
3. Denard PJ, et al. The impact of the COVID pandemic on discharge following shoulder arthroplasty. Oral Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
4. Tracy ST, et al. Resiliency is associated with outcomes following arthroscopic rotator cuff repair. Poster Presentation. *AAOS Annual Meeting 2022*. Chicago, IL.
5. Lädemann 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
6. 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
7. 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.
8. 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.
9. 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.*
10. Sishani Y, Denard PJ, Higgins LD, Gobezie 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.*
11. 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.*
12. 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.*
13. 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.*

14. 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.*
15. 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
16. 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
17. 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).
18. 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.
19. 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).
20. 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
21. Radiographic changes differ between two different short press-fit humeral stem designs in total shoulder arthroplasty. *SECEC Annual Meeting 2017. Berlin, Germany.* Poster
22. Outcomes and risk factors of adhesive capsulitis. *SECEC Annual Meeting 2017. Berlin, Germany.* Poster
23. 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
24. Shoulder Arthroplasty In Patients <50 Years Of Age: A Study Of Glenoid Morphology And Clinical Outcomes. *SECEC Annual Meeting 2017. Berlin, Germany.* Poster
25. Preliminary Results of Arthroscopic Superior Capsule Reconstruction with Dermal Allograft. *ISAKOS Annual Meeting 2017. Shanghai, China.* Oral Presentation.
26. Preliminary Results of Arthroscopic Superior Capsule Reconstruction with Dermal Allograft. *AANA Annual Meeting 2017. Denver, CO.* Oral Presentation (1st author, not presenting).
27. 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.
28. Finite element analysis of glenoid-sided lateralization in reverse shoulder arthroplasty. *ASES Specialty Day 2017. San Diego, CA.* Oral Presentation. Neer Award Nominee
29. 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

30. 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.
31. Correlation Between ASES and SANE Score After Rotator Cuff or SLAP Repair. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2014. New Orleans, LA. Poster.
32. 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.
33. 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).
34. 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).
35. Reverse Shoulder Arthroplasty With Deltoid Insufficiency. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2013. Chicago, IL. Oral Presentation (co-author, not presenting).
36. Recovery from pseudoparalysis after arthroscopic repair of massive rotator cuff tears. *EFFORT Annual Meeting*, 2012. Berlin, Germany. Oral Presentation (1st Author, not presenting).
37. 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.
38. 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.
39. 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.
40. Immediate Weight Bearing in Comminuted Tibial Shaft Fractures. *American Academy of Orthopaedic Surgeons Annual Meeting*, 2012. San Francisco, CA. Poster.
41. Injury of the suprascapular nerve during Latarjet procedure: an anatomic study. *Swiss Society for Orthopaedics and Traumatology Annual Meeting*, 2011. Lausanne, Switzerland. Poster.
42. 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.
43. Supraspinatus ruptures at the musculotendinous junction: An uncommonly recognized phenomenon. *Swiss Society for Orthopaedics and Traumatology Annual Meeting*, 2011. Lausanne, Switzerland. Poster.

44. 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)
45. Multi-planar Fixation of a Locking Plate in the Diaphysis Improves Construct Strength. *Orthopaedic Trauma Association Annual Meeting*, 2010. Baltimore, MD. Poster
46. Natural History of Lumbar Spondylolisthesis in a Cohort of Elderly Men. *Lumbar Spine Research Society Annual Meeting*, 2009. Chicago, IL. Oral Presentation.
47. Natural History of Lumbar Spondylolisthesis in a Cohort of Elderly Men. *Western Orthopaedic Association Annual Meeting*, 2009. Seattle, WA. Oral Presentation.
48. 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.
49. 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 Complex Instability Webinar

March 2022

Virtual Humeral management of instability	
Grand Rounds – Emory University Virtual Dermal Allograft Augmentation & Picking your perfect practice	March 2022
Grand Rounds - Texas Tech University Lubbock, TX Picking your perfect practice	Feb 2022
Ortho Kansas: Sports Medicine Symposium Lawrence, KS <ul style="list-style-type: none">• Multiple lectures	Feb 2022
6th International ITC Meeting Dubai <ul style="list-style-type: none">• Multiple lectures	Feb 2022
Orthopaedic Principles Virtual <ul style="list-style-type: none">• Remplissage: Indications, Technique, Pearls, and Pitfalls	Feb 2022
AAOS Annual Meeting ICL Preoperative planning in shoulder arthroplasty <ul style="list-style-type: none">• Lecture	2021
ASES/AANA Specialty Day Outpatient Shoulder Arthroplasty <ul style="list-style-type: none">• Lecture	2021
ASES Podcast B2 glenoid <ul style="list-style-type: none">• Faculty	2021
ASES Fellows Research Day Virtual <ul style="list-style-type: none">• Session moderator	2021
BeeMed Symposium Virtual <ul style="list-style-type: none">• Approach to massive rotator cuff tears	2021
ASES Fellows Virtual Meeting – PASTA Tears	2020

Virtual

- Chair of session

OSET

2019-20

Las Vegas, NV

- Multiple Lectures

Oregon Association of Orthopedic Surgeons

2019-20

Portland, Oregon

- Multiple Lectures at annual meeting

ASES Annual Meeting

2019

New York, NY

- Superior Capsule Reconstruction Top Tips

ICSES

2019

Buenos Aires, Argentina

- ICL: Shoulder Instability

Refixation Shoulder Meeting

2019

Muenster, Germany

- Live surgical procedure: Superior Capsule Reconstruction
- Multiple Lectures

Val d'Isere 11th Advanced Course on Shoulder Arthroscopy

2019

Val d'Isere, France

- Multiple Lectures

ICJR Shoulder Course

2018

Las Vegas, NV

- Multiple Lectures

ASES Annual Meeting

2018

Chicago, IL

- 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 Palm Desert, CA <ul style="list-style-type: none">Mini-fellowship, lecture on RSA, and rotator cuff panel	2017
ISAKOS Annual Meeting Shanghai, China <ul style="list-style-type: none">Surgical Focus Demo: Latarjet	2017
Arthroscopy Association of North America Annual Meeting Denver, CO <ul style="list-style-type: none">Chair for ICL: "Predictable Repair of Massive Rotator Cuff Tears"Faculty for ICL: "New Paradigms in the Throwing Shoulder"	2017
Val d'Isere 10th Advanced Course on Shoulder Arthroscopy Val d'Isere, France <ul style="list-style-type: none">Multiple Lectures	2017
Arthroscopy Association of North America Annual Meeting Boston, MA <ul style="list-style-type: none">Chair for ICL: "Predictable Repair of Massive Rotator Cuff Tears"	2016
AANA Specialty Day Las Vegas, NV <ul style="list-style-type: none">Biceps Tenodesis for SLAP Tears	2015
San Diego Shoulder Course San Diego, CA <ul style="list-style-type: none">Multiple Lectures and Lab InstructorProgram Committee 2016-9	2015-21
Oregon Association of Orthopaedic Surgeons Annual Meeting Salishan, OR <ul style="list-style-type: none">Massive rotator cuff tears: Arthroscopy to Reverse Shoulder Arthroplasty	2014
VuMedi The Event San Francisco, CA <ul style="list-style-type: none">Multiple Lectures	2014
Arthroscopy Association of North America Annual Meeting San Antonio, TX <ul style="list-style-type: none">Instructor for ICL: "Subscapularis Tendon Tears"	2013
Advanced Arthroscopy: The Cowboy Way San Antonio, TX & Naples, FL <ul style="list-style-type: none">Instructor for two-day lecture and cadaver course for orthopaedic surgeons	2010 - Current

Other Industry Sponsored Shoulder Courses

2012 - Current

- Instructor for Arthrex Inc. sponsored lecture and cadaver courses for orthopaedic surgeons:

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