

# Curriculum Vitae

## Derek J. Cuff, M.D.

Suncoast Orthopaedic Institute

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### Education

Shoulder and Elbow Fellowship	2006-2007	Florida Orthopaedic Institute
Orthopaedic Surgery Residency	2001-2006	Univ. of Maryland Med Center Johns Hopkins Hospital
Doctor of Medicine- Cum Laude	1997-2001	Univ. of Maryland
Bachelor of Science	1993-1997	Washington College

### Employment History

Suncoast Orthopaedic Institute 2007-present

### Board Certification and Licensure

American Board of Orthopaedic Surgery 2009- present

FL medical license ME95587

## **Hospital Privileges**

**Sarasota Memorial Hospital Venice Campus**

**HCA Florida Sarasota Doctors Hospital**

**St. Andrews Surgery Center**

**HCA Florida Englewood Hospital**

## **Honors and Awards**

**Top Doctors of Sarasota- 2016-present**

**Neer Circle Member-2019**

**Member of the American Shoulder and Elbow Surgeons Neer Circle**

**Charles Neer Award- 2011**

**American Shoulder and Elbow Surgeons Specialty Day Open Meeting**

**Florida Orthopaedic Society Research Award- 2007**

**Winner-Fellow Research Project Competition**

**Florida Orthopaedic Institute Fellow Research Award- 2007**

**1<sup>st</sup> Prize- Fellow Research Competition**

## **National Societies**

**American Shoulder and Elbow Surgeons- 2012-present**

**Fellow American Academy of Orthopaedic Surgeons- 2010-present**

**Diplomat of the American Board of Orthopaedic Surgery- 2009-present**

**Association of Clinical Elbow and Shoulder Surgeons- 2008-present**

## **Course Participation/CME Education**

**Gulfcoast Orthopaedic Rehabilitation Conference- course director**

**Tampa Shoulder Course- educational co-chair, faculty**

**Shoulder 360 Course- faculty**

**Advanced Shoulder Arthroplasty Meeting- faculty**

**Winter Technology and Innovation in Orthopedics Symposium- Faculty**

**DJO Fellows course- course director, faculty**

**DJO Revision Arthroplasty Course- course director, faculty**

**Depuy-Synthes Fellows Course- course director, faculty**

**AAOS Massive Rotator Cuff Tear Course- course director**

## **Publications and Research**

1. Khan AZ, Maxwell MJ, Parrott RM, Bowler AR, Glass EA, Miller D, Vasconcellos D, Brownhill JR, Austin LS, Cuff DJ, Murthi AM, Smith MJ, Wiater JM, Jawa A. Effect of vitamin E-enhanced highly cross-linked polyethylene on wear rate and particle debris in anatomic total shoulder arthroplasty: a biomechanical comparison to ultrahigh-molecular-weight polyethylene. J Shoulder Elbow Surg. 2024 Jul;33(7):1465-1472. doi: 10.1016/j.jse.2023.11.016.

2. **Corban J, Bowler AR, Glass EA, Brownhill JR, Myers C, Hodorek B, Purdy M, Vasconcellos D, Le K, Austin LS, Cuff DJ, Murthi AM, Smith MJ, Wiater JM, Jawa A. Modular baseplate augmentation: a simple and effective method for addressing eccentric glenoid wear J Shoulder Elbow Surg. 2024 Aug 5:S1058-2746(24)00535-4.**
  
3. **Cuff DJ, Simon P, Patel JS, Munassi SD. Anatomic Shoulder Arthroplasty With High Side Reaming Versus Reverse Shoulder Arthroplasty For Eccentric Glenoid Wear Patterns With An Intact Rotator Cuff: Comparing Early Versus Mid-Term Outcomes With Minimum 7 Years Of Follow Up. J Shoulder Elbow Surg. 2022 Nov 15:S1058-2746(22)00828-X. doi: 10.1016/j.jse.2022.10.017.**
  
4. **Patrick St Pierre, Peter J Millett, Joseph A Abboud, Frank A Cordasco, Derek J Cuff, David M Dines, Grant J Dornan, Xavier A Duralde, Leesa M Galatz, Charles M Jobin, John E Kuhn, William N Levine, Jonathan C Levy, Mark A Mighell, Matthew T Provencher, Dylan R Rakowski, James E Tibone, John M Tokish. Consensus Statement on the Treatment of Massive Irreparable Rotator Cuff Tears - A Delphi Approach by the Neer Circle of the American Shoulder and Elbow Surgeons. J Shoulder Elbow Surg 2021 Jun 8;S1058-2746(21)00479- doi: 10.1016/j.jse.2021.05.012**
  
5. **Cuff DJ, Simon P, Gorman RA. Randomized prospective evaluation of the use of tranexamic acid and effects on blood loss for proximal humeral fracture surgery. J Shoulder Elbow Surg. 2020 Aug;29(8):1627-1632. doi: 10.1016/j.jse.2020.04.016.**
  
6. **Cuff DJ, Santoni BG. Anatomic Total Shoulder Arthroplasty Versus Reverse Total Shoulder Arthroplasty for Post-Capsulorrhaphy Arthropathy. Orthopedics. 2018 Sep 1;41(5):275-280.**
  
7. **Cuff DJ, Santoni BG. Reverse Shoulder Arthroplasty in the Weight-Bearing Versus Non-Weight-Bearing Shoulder: Mid-term Outcomes with Minimum**

- 5-Year Follow-up. Orthopedics. 2018 Feb 16:1-6. doi: 10.3928/01477447-20180213-10**
- 8. Tanner G, Simon P, Sellers T, Christmas KN, Otto RJ, Cuff DJ, Abdelfattah A, Mighell MA, Frankle MA. Total shoulder arthroplasty with minimum 5-year follow-up: does the presence of subchondral cysts in the glenoid increase risk of failure? J Shoulder Elbow Surg. 2018 May;27(5):794-800. doi: 10.1016/j.jse.2017.10.035.**
  - 9. Abdelfattah A, Otto RJ, Simon P, Christmas KN, Tanner G, LaMartina J 2nd, Levy JC, Cuff DJ, Mighell MA, Frankle MA. Classification of instability after reverse shoulder arthroplasty guides surgical management and outcomes. J Shoulder Elbow Surg. 2018 Apr;27(4):e107-e118. doi: 10.1016/j.jse.2017.09.031.**
  - 10. Cuff DJ, Pupello DR, Santoni BG, Clark RE, Frankle MA. Reverse Shoulder Arthroplasty for the Treatment of Rotator Cuff Deficiency: A Concise Follow-up, at a Minimum of 10 Years, of Previous Reports. J Bone Joint Surg Am. 2017 Nov 15;99(22):1895-1899. doi: 10.2106/JBJS.17.00175**
  - 11. Cuff DJ, Pupello DR, Santoni BG. Partial rotator cuff repair and biceps tenotomy for the treatment of patients with massive cuff tears and retained overhead elevation: midterm outcomes with a minimum 5 years of follow-up. J Shoulder Elbow Surg. 2016 Nov;25(11):1803-1809. doi: 10.1016/j.jse.2016.04.001**
  - 12. Ponzio DY, VanBeek C, Wong JC, Padegimas EM, Anakwenze OA, Getz CL, Abboud JA; ACCESS Group. Profile of Current Opinion on Arthroscopic Acromioplasty: A Video Survey Study. Arthroscopy. 2016 Jul;32(7):1253-62. doi: 10.1016/j.arthro.2016.01.010.**
  - 13. Cuff DJ, O'Brien KC, Pupello DR, Santoni BG. Evaluation of Factors Affecting Acute Postoperative Pain Levels After Arthroscopic Rotator Cuff**

Repair. *Arthroscopy*. 2016 Jul;32(7):1231-6. doi:  
10.1016/j.arthro.2015.12.021.

14. Cusick MC, Hussey MM, Steen BM, Hartzler RU, Clark RE, Cuff DJ, Cabezas AF, Santoni BG, Franke MA. Glenosphere dissociation after reverse shoulder arthroplasty. *J Shoulder Elbow Surg*. 2015 Feb 2. pii: S1058-2746(14)00686-7. doi: 10.1016/j.jse.2014.12.019.
15. Cuff DJ, Pupello DR. Comparison of hemiarthroplasty and reverse shoulder arthroplasty for the treatment of proximal humeral fractures in elderly patients. *J Bone Joint Surg Am*. 2013 Nov 20;95(22):2050-5. doi: 10.2106/JBJS.L.01637.
16. Otto RJ, Virani NA, Levy JC, Nigro PT, Cuff DJ, Frankle MA. Scapular fractures after reverse shoulder arthroplasty: evaluation of risk factors and the reliability of a proposed classification. *J Shoulder Elbow Surg*. 2013 Nov;22(11):1514-21. doi: 10.1016/j.jse.2013.02.007. Epub 2013 May 7.
17. Cuff D, Clark R, Pupello D, Frankle M. Reverse shoulder arthroplasty for the treatment of rotator cuff deficiency: A concise follow up, at a minimum of five years, of a previous report. *J Bone Joint Surg Am*. 2012 Nov 7;94(21):1996-2000.
18. Cuff DJ, Pupello DR. Prospective evaluation of post-operative compliance and outcomes after rotator cuff repair in patients with and without Workers' Compensation Claims. *J Shoulder Elbow Surg*. 2012 Dec;21(12):1728-33. doi: 10.1016/j.jse.2012.03.002. Epub 2012 May 29.
19. Cuff D, Pupello D. Prospective randomized study of arthroscopic rotator cuff repair using an early versus delayed post-operative physical therapy protocol. *J Shoulder Elbow Surg*. 2012 Nov;21(11):1450-5. doi: 10.1016/j.jse.2012.01.025. Epub 2012 May 2.

20. Cuff DJ: Early versus delayed physical therapy after arthroscopic rotator cuff repair. American Academy of Orthopaedic Surgeons Web site: Orthopaedic Knowledge Online 2011;9(11):  
[http://orthoportal.aaos.org/oko/article.aspx?article=OKO\\_SHO046#abstract](http://orthoportal.aaos.org/oko/article.aspx?article=OKO_SHO046#abstract). Accessed October 31 2011.
21. Cuff D, Levy JC, Guitierrez S, Frankle MA. Torsional stability of modular and non-modular reverse shoulder humeral components in a proximal humeral bone loss model. *Journal of Shoulder and Elbow Surgery*. 2011 Vol 20(4) 646-651.
22. Holcomb J, Cuff D, Peterson SA, Pupello DR, Frankle MA. Revision reverse shoulder arthroplasty for glenoid baseplate failure after primary reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery* 2009 Sept-Oct, 18(5): 717-23
23. Gutierrez S, Levy JC, Frankle MA, Cuff D, Keller TS, Pupello DR, Lee WE. Evaluation of abduction range of motion and avoidance of inferior scapular impingement in a reverse shoulder model. *Journal of Shoulder and Elbow Surgery* 2008 July-Aug;17(4):608-15
24. Cuff D, Pupello D, Virani N, Levy J, Frankle M. Reverse shoulder arthroplasty for the treatment of rotator cuff deficiency. *Journal of Bone and Joint Surgery Am*. 2008 Jun;90(6):1244-51.
25. Levy JC, Virani NA, Frankle MA, Cuff D, Pupello DR, Hamelin JA. Young patients with shoulder chondrolysis following arthroscopic shoulder surgery treated with shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*. 2008 May-June; 17(3):380-8
26. Cuff DJ, Virani NA, Levy J, Frankle MA, Derasari A, Hines B, Pupello DR, Cancio M, Mighell M. The treatment of deep shoulder infection and glenohumeral instability with debridement, reverse shoulder arthroplasty

and postoperative antibiotics. *Journal of Bone and Joint Surgery Br.* 2008 Mar; 90(3): 336-42

27. Cuff DJ, Ludwig SC, Crites BM. Syringomyelia in a college football player with motor weakness and paresthesias. *Orthopedics.* 2004 Jun;27(6):619-620.

## Book Chapters

1. Cuff DJ, Frankle MA. Revision of Reverse Shoulder Arthroplasty. *Revision and Complex Shoulder Arthroplasty*; 2009. Lippincott, Williams and Wilkins; Philadelphia PA.
2. Cuff DJ, Frankle MA. Treatment of the Rotator Cuff Deficient Shoulder: The Florida Orthopaedic Institute Experience. *Rotator Cuff Deficiency of the Shoulder*; 2008.
3. Cuff DJ, Pupello D. Reverse Shoulder Arthroplasty for Proximal Humeral Fracture. *World Clinics of Orthopaedics: Shoulder and Elbow Surgery*; 2014. Jaypee Brothers Medical Publishers; New Delhi India.
4. Cuff DJ. Reverse Shoulder Arthroplasty in the Setting of Proximal Humeral Fracture. *Reverse Shoulder Arthroplasty*; 2015. Springer International Publishing; New York, NY.

## Presentations

1. Cuff D, Simon P, Patel, J Munassi S. Anatomic shoulder arthroplasty with high side reaming versus reverse shoulder arthroplasty for eccentric glenoid wear patterns with an intact rotator cuff: Comparing early versus mid-term outcomes with minimum 7 years of follow up. Podium



- presentation American Shoulder and Elbow Surgeons meeting, Atlanta GA 2022.**
- 2. Cuff, D, Simon P, Gorman A. Mid-term outcomes of reverse shoulder arthroplasty using the alternate scapular line baseplate orientation for glenoid bone loss. Poster presentation, virtual meeting of the American Academy of Orthopaedic Surgery 2020.**
  - 3. Cuff, D, Simon P, Gorman A. Randomized prospective evaluation of the use of tranexamic acid and effects on blood loss for proximal humeral fracture surgery. Podium presentation, virtual meeting of the American Academy of Orthopaedic Surgery 2020**
  - 4. Cuff, D, Simon P, Gorman A. Mid-term outcomes of reverse shoulder arthroplasty using the alternate scapular line baseplate orientation for glenoid bone loss. Podium presentation. American Shoulder and Elbow Surgeons Meeting, New York, NY, October 19<sup>th</sup>, 2019.**
  - 5. Cuff, D, Simon P, Gorman A. Randomized prospective evaluation of the use of tranexamic acid and effects on blood loss for proximal humeral fracture surgery. Poster presentation. American Shoulder and Elbow Surgeons Meeting, New York, NY, October 17<sup>th</sup>, 2019.**
  - 6. Cuff D. Massive rotator cuff repair instructional course lecture: Partial cuff repair. American Shoulder and Elbow Surgeons Meeting, Chicago IL, October 13<sup>th</sup> 2018.**
  - 7. Cuff D, Santoni B. Comparison of anatomic total shoulder arthroplasty versus reverse shoulder arthroplasty for the treatment of post-capsulorrhaphy arthropathy. Podium Presentation American Shoulder and Elbow Surgeons Meeting, New Orleans LA, October 12<sup>th</sup> 2017.**
  - 8. Derek Cuff, MD, Brandon Santoni, PhD. Reverse shoulder arthroplasty in the weight bearing versus non-weight bearing shoulder: Mid-term**

- outcomes with minimum five years of follow up. Podium Presentation  
American Academy of Orthopaedic Surgeons, San Diego CA, March 16th  
2017.
9. **Derek Cuff, MD, Brandon Santoni, PhD. Reverse shoulder arthroplasty in the weight bearing versus non-weight bearing shoulder: Mid-term outcomes with minimum five years of follow up. Podium Presentation Closed Meeting of the American Shoulder and Elbow Surgeons, Boston MA, October 8th, 2016**
  10. **Cuff D, Santoni B, O'Brien K, Pupello D. Evaluation of Pre-operative and Intra-operative Factors Affecting Acute Post-Operative Pain Levels after Arthroscopic Rotator Cuff Repair. Podium Presentation Closed Meeting of the American Shoulder and Elbow Surgeons, Asheville NC, October 9<sup>th</sup>, 2015.**
  11. **Cuff D, Santoni B, Pupello D. Evaluation of Factors Affecting Acute Post-operative Pain Levels after Arthroscopic Rotator Cuff Repair. Podium presentation 82<sup>nd</sup> meeting of the American Academy of Orthopedic Surgeons, Las Vegas NV, March 26<sup>th</sup>, 2015.**
  12. **Cuff D, Pupello D. Hemiarthroplasty versus Reverse Shoulder Arthroplasty for the treatment of comminuted proximal humeral fractures in elderly patients. Podium presentation 80<sup>th</sup> meeting of the American Academy of Orthopedic Surgeons, Chicago II March 21 2013.**
  13. **Cuff D, Pupello D, Clark R, Frankle M. Mid-term Results of Reverse Shoulder Arthroplasty at a Minimum of Five Years of Follow-up. Podium presentation, 79<sup>th</sup> Meeting of the American Academy of Orthopedic Surgeons, San Francisco CA Feb 9 2012.**
  14. **Cuff D, Pupello D. Prospective randomized study of arthroscopic rotator cuff repair using an early versus delayed post-operative physical therapy**

- protocol. American Shoulder and Elbow Society Open Meeting, San Diego CA February 19 2011.
15. Cuff DJ, Murthi A. Effect of Proximal Humerus Malunion on Glenoid Contact Forces. Podium Presentation, 10<sup>th</sup> International Shoulder and Elbow Congress, Brahia Brazil, Sept 16-19 2007
  16. Cuff DJ, Levy J, Virani N, Pupello D, Frankle MA. Use of the Reverse Shoulder Prosthesis for Rotator Cuff Deficient Shoulder with Deep Infection. Podium Presentation, 10<sup>th</sup> International Shoulder and Elbow Congress, Brahia Brazil, Sept 16-19 2007
  17. Cuff DJ, Levy J, Virani N, Pupello D, Frankle MA. Reverse Shoulder Arthroplasty for the Treatment of the Rotator Cuff Deficient Shoulder: A Prospective Outcomes Study with Blinded Analysis of Range of Motion. Podium Presentation, 10<sup>th</sup> International Shoulder and Elbow Congress, Brahia Brazil, Sept 16-19 2007
  18. Cuff DJ, Levy J, Virani N, Pupello D, Frankle MA. Use of the Reverse Shoulder Prosthesis for Rotator Cuff Deficient Shoulder with Deep Infection. Podium Presentation, Florida Orthopaedic Society Annual Meeting, Orlando FL, May 17-20 2007
  19. Cuff DJ, Murthi A. Effect of Proximal Humerus Malunion on Glenoid Contact Forces. Podium Presentation, 74th Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego CA, Feb 14-18 2007
  20. Cuff DJ, Murthi A. Effect of Proximal Humerus Malunion on Glenoid Contact Forces. Podium Presentation, Maryland Orthopaedic Society Annual Meeting, Baltimore MD, May 9 2006.

## Patents

1. File number 5714.001A; Patent # issued 10,722,373, 07/28/2020
2. File number 5714.001B; Patent # issued 10,849,762, 12/01/2020
3. File number 5714.002A; Patent # issued 10,842,638, 11/24/2020
4. File number 5714.003A; Patent # issued 10,736,751, 08/11/2020
5. File number 5714.003B; Patent # issued 10,856,994, 12/08/2020

## Editorial and Review

Reviewer for Journal of Shoulder and Elbow Surgery

## Personal

Hobbies include basketball, golfing, jogging and Pittsburgh Steelers football

