

NEIL SUDHIR KUMAR, M.D., M.B.A.

FLORIDA ORTHOPAEDIC INSTITUTE

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LEADERSHIP AND SERVICE

2021-current *Assistant Professor, Dept. of Orthopaedics & Sports Medicine*
University of South Florida
2019-2022 American Orthopaedic Society for Sports Medicine Council of Delegates
— State of Florida representative
2015-2016 *Administrative and Academic Chief Resident*
Drexel University Orthopaedic Surgery
2013-2016 *Orthopaedic Surgery Research Club Founder*
Drexel University Orthopaedic Surgery

EDUCATION

2006-2011 *Doctor of Medicine*
Drexel University College of Medicine, Philadelphia PA
2009-2010 *Master of Business Administration*
Drexel University LeBow College of Business, Philadelphia PA
2003-2006 *Bachelor of Arts, Pre-medical Science*
Lehigh University, Bethlehem PA

POST-GRADUATE TRAINING

2016-2017 *Fellowship, Orthopaedic Sports Medicine*
University of Connecticut, Farmington CT
• Adult sports medicine at University of Connecticut
• Pediatric sports medicine at Connecticut Children's Medical Center
2011-2016 *Residency, Orthopaedic Surgery*
Drexel University/Hahnemann University Hospital, Philadelphia PA

MEDICAL LICENSE

2017-current State of Florida
2016-2017 State of Connecticut

SPORTS COVERAGE

2023-current Lennard High School
2020-current Riverview High School

2020-current	Sumner High School
2020-2022	Seffner Christian Academy
2016-2017	University of Connecticut Athletics
2016-2017	Trinity College Athletics
2016	Southington High School football
2015	Philadelphia Marathon

PODIUM AND ABSTRACT PRESENTATIONS

1. **Kumar NS**, Spencer T, Hochman E, Cote MP, Arciero RA, Edgar CM. Is Edema at the Posterior Medial Tibial Plateau Indicative of Ramp Lesion? An Examination of 852 Patients with Anterior Cruciate Ligament Reconstruction.
 - 2018 Arthroscopy Association of North America Annual Meeting, Chicago, IL, April 26-28, 2018
 - 2018 American Orthopaedic Society for Sports Medicine Annual Meeting, San Diego, CA, July 5-8, 2018
2. **Kumar NS**, Colliton EM, Nissen CW, Milewski MD. Incidence of concomitant labral tears after traumatic shoulder dislocation in adolescent patients.
 - 2018 Pediatric Research in Sports Medicine Society Annual Meeting, Ft. Lauderdale, FL, January 25-27, 2018
3. **Kumar NS**, Chin M, O'Neill C, Jakoi AM, Tabb LP, Wolf M. On-Field Performance of National Football League Players Following Return From Concussion.
 - 2015 American Academy of Orthopaedic Surgeons Annual Meeting, Las Vegas, NV, March 24-28, 2015
4. Dyrna F, **Kumar NS**, Obopilwe E, Scheiderer B, Comer B, Romeo AA, Mazzocca AD. Biomechanical Effect of Rotator Cuff Tears on Deltoid Function.
 - 2017 New England Shoulder and Elbow Society Annual Meeting, Jay Peak, VT, February 10-11, 2017

PUBLICATIONS

1. **Kumar NS**, Mazzocca AD. (2019). Open Acromioclavicular Joint Reconstruction. In JS Dines, DM Dines, LV Gulotta (Eds.), *Shoulder Surgery: Tricks of the Trade.* (pp 433-438). New York, NY: Thieme.
2. **Kumar NS**, Spencer T, Hochman E, Cote MP, Arciero RA, Edgar C. Is edema at the posterior medial tibial plateau indicative of ramp lesion?: an examination of 307 patients with anterior cruciate ligament reconstruction and medial meniscal tear. *Orthopaedic Journal of Sports Medicine.* 2018 Jun;6(6). PMID: 30090830
3. **Kumar NS**, Jakoi AM, Khalsa AS, Star A. Does knowing implant cost effect fixation choice for stable intertrochanteric hip fractures? *American Journal of Orthopedics.* 2017 Nov;46(6):E439-444. PMID: 29309460
4. **Kumar NS**, Edgar C, Spencer T, Ware JK, Reed DN, Cote MP, Arciero RA. Anatomic Repair of Posteromedial Meniscocapsular Separation Using an All-Inside Technique. *Arthroscopy Techniques.* 2017 Aug;6(4):e921-926. PMID: 29487781

5. **Kumar NS**, Arciero RA. “Indications and Technique for Open Bankart Repair with Capsulorrhaphy.” Shoulder Instability: An American Perspective. *Instructional Course Lecture*. 2016.
6. **Kumar NS**, Chin M, O’Neill C, Jakoi AM, Tabb LP, Wolf M. On-field performance of National Football League players following return from concussion. *American Journal of Sports Medicine*. 2014 Sep;42(9):2050-2059. PMID: 25008256
7. **Kumar NS**, Jakoi AM, Swanson CE, Tom JA. Is formal decompression necessary for parameniscal cysts associated with meniscal tears? *The Knee*. 2014 Mar;21(2):501-503. PMID: 24332831
8. Teytelbaum DE, **Kumar NS**, Dent CS, Neville S, Warren DH, Simon P, Baker CE. Efficacy of a high-intensity home stretching device and traditional physical therapy in non-operative management of adhesive capsulitis - a prospective, randomized controlled trial. *BMC Musculoskeletal Disord*. 2024 Apr;25(305)
9. Edgar C, **Kumar NS**, Ware JK, Ziegler C, Reed, DN, DiVenere J, Obopilwe E, Cote MP, Arciero RA. The incidence of posteromedial meniscocapsular separation and the biomechanical implications on the anterior cruciate ligament. *Journal of the American Academy of Orthopaedic Surgeons*. 2018 Aug. PMID: 30180093
10. Dyrna F, **Kumar NS**, Obopilwe E, Scheiderer B, Beitzel K, Nowak M, Romeo AA, Mazzocca AD. Relationship between deltoid and rotator cuff muscles during dynamic shoulder abduction: a biomechanical study of rotator cuff tear progression. *American Journal of Sports Medicine*. 2018 Jul;46(8):1919-1926. PMID: 29741391
8. Khalsa AS, **Kumar NS**, Chin MA, Lackman RD. A novel case of Trevor’s disease: adult onset and later recurrence. *World Journal of Orthopedics*. 2017 Jan;8(1):77-81.
9. Denehy K, **Kumar NS**, Jakoi AM, Harding SP. Cessation of Teriparatide in order to heal a humerus fracture – a case report. *Journal of Shoulder and Elbow Surgery*. 2016 Feb;25(2):e49-53. PMID: 26700558
10. Amin NH, **Kumar NS**, Schickendantz M. Medial epicondylitis: evaluation and management. *Journal of the American Academy of Orthopaedic Surgeons*. 2015 Jun;23:348-355. PMID: 26001427
11. Howell R, **Kumar NS**, Patel N, Tom JA. The degenerative meniscus: pathogenesis, diagnosis, and treatment options. *World Journal of Orthopedics*. 2014 Nov;5(5):597-602. PMID: 25405088
12. Jakoi AM, **Kumar NS**, Vaccaro A, Radcliff K. Perioperative monitoring of coagulopathy. *Musculoskeletal Surgery*. 2014 Jun;98(1):1-8. PMID: 24281819
13. Tom JA, **Kumar NS**, Cerynik DL, Mashru R, Parrella MS. Diagnosis and treatment of triceps tendon injuries: a review of the literature. *Clinical Journal of Sport Medicine*. 2014 May;24(3):197-204. PMID: 24157465
14. Kimball MJ, **Kumar NS**, Jakoi AM, Tom JA. Subacute superior patellar pole sleeve fracture: case report and literature review. *American Journal of Orthopedics*. 2014 Jan;43(1):29-32. PMID: 24490183
15. Kavuri V, Bowden B, **Kumar N**, Cerynik D. Complications associated with locking plate of proximal humerus fractures. *Indian Journal of Orthopaedics*. 2018;52:108-116.

16. Erickson BJ, Gross CD, **Kumar N**, Shallop B, Mjaanes J, Romeo AA, Bach BR Jr., Parekh S. Concussions and crime in the National Football League. *Annals of Sports Medicine and Research*. 2017;4(2):1102.
17. Chang A, Cavanaugh G, **Kumar NS**, Lee M, Stein D, Mulcahey MK. Mini-medical school programs' influence on students' desire to pursue medicine. *Journal of the National Medical Association*. 2016 Autumn;108(3):152-157. PMID: 27692355
18. Prodrorno J, Patel N, **Kumar N**, Denehy K, Tabb L, Tom JA. Pitch characteristics prior to ulnar collateral ligament reconstruction in Major League pitchers compared to age matched controls. *Orthopaedic Journal of Sports Medicine*. 2016 Jun;4(6):1-5. PMID: 27350954
19. Tauberg B, Denehy K, Prodrorno J, **Kumar NS**, Mulcahey MK. Nonoperative management of common shoulder conditions. *Journal of Exercise, Sports & Orthopedics*. 2015 Sep;2(3):1-10.
20. Amin NH, Jakoi AM, Cerynik DL, **Kumar NS**, Johanson NA. How should unmatched orthopaedic surgery applicants proceed? *Clinical Orthopaedics and Related Research*. 2013 Feb;471(2):672-679. PMID: 22826011
21. Peretz JI, Driftmier KR, Cerynik DL, **Kumar NS**, Johanson NA. Does lateral release change patellofemoral forces and pressures?: a pilot study. *Clinical Orthopaedics and Related Research*. 2012 Mar;470(3):903-939. PMID: 22038172
22. Tom JA, Cerynik DL, Lee CM, Lewullis GE, **Kumar NS**. Anatomical considerations of subcoracoid neurovascular structures in anterior shoulder reconstruction. *Clinical Anatomy*. 2010 Oct;23(7):815-820. PMID: 20641067

PROFESSIONAL SOCIETY MEMBERSHIP

- 2020 Arthroscopy Association of North America
- 2017 Florida Orthopaedic Society
- 2017 Hillsborough County Medical Association
- 2017 Pediatric Research in Sports Medicine Society
- 2017 Florida Medical Association
- 2015 American Orthopaedic Society for Sports Medicine
- 2015 American Orthopaedic Association Emerging Leaders Program
- 2011 American Academy of Orthopaedic Surgeons