

Amit Nathani, MD MS

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815-252-2282

Education & Training

B.S. Biology, <i>Magna Cum Laude</i> . University of Illinois-Chicago (UIC), Chicago, IL.	2004-6
M.S. Medical Anthropology, <i>Honors</i> . Oxford University, England.	2007-8
M.D. Medicine. The University of Illinois College of Medicine, Chicago, IL.	2008-12

Post Graduate Education & Training

Orthopaedic Surgery Internship and Residency , <i>The University of Michigan</i> , Ann Arbor, MI	2012-16
Chief Resident, <i>The University of Michigan</i> , Ann Arbor, MI	2016-17
Sports Medicine & Shoulder Surgery Fellowship , <i>Stanford University</i> , Palo Alto, CA	2017-18

Current Employment

Orthopedic Sports Medicine Surgeon, Alta Orthopaedics, Santa Barbara, CA

Certifications

United States Medical Licensing Examination, Step 1	2010
United States Medical Licensing Examination, Step 2	2012
United States Medical Licensing Examination, Step 3	2013

Medical Licensures

Medical Board of California	2017
DEA Controlled Substance License (Active)	2017
American Board of Orthopaedic Surgeons, Part 1	2017
American Board of Orthopaedic Surgeons, Part 2	2021

Professional Societies

Member, American Academic of Orthopaedic Surgeons (AAOS)	2012-P
Member, American Orthopaedic Society for Sports Medicine (AOSSM)	2017-P
Member, Western Orthopaedic Association (WOA)	2020

Honors & Awards

Member, NCAA Division I Men's Tennis Team: University of Illinois-Chicago	2004-06
NCAA Athletic Scholarship	2004-06
Co-Team Captain, UIC Men's Tennis Team	2006
NCAA Horizon-League Conference All-Academic Honors	2004-06
National Science Foundation (NSF) Scholarship/Grant in Behavioral Neuroscience	2005
The Barry M. Goldwater Scholarship in Math, Science & Engineering	2006
UIC College of Medicine Stadwiser Academic Merit Scholarship	2008-12
The Platinum Pager Award: Resident-Peer nominated for excellence as a junior resident	2015
Award for Best Poster in Shoulder/Elbow Category at the 2016 AAOS annual meeting ("Is there an association between the critical shoulder angle and clinical outcome after rotator cuff repair?")	2016
The John K. Sekiya, MD Peer Educator Award Awarded to the PGY-4 that has been most dedicated to educating and guiding his/her peers.	2016

Team Coverage

Assistant Team Physician, San Francisco 49ers, NFL	2018
Head Team Physician: Dr. Tim McAdams	
Assistant Team Physician, Stanford University Women's Basketball	2017-18
Head Team Physician: Dr. Geoff Abrams	
Head Team Physician, Notre Dame de Namur University	2017-18

Assistant Team Physician, University of Michigan Men's NCAA Basketball	2014-17
Head Team Physician: Dr. James E. Carpenter	
Assistant Team Physician, Eastern Michigan University Men's Division I FBS Football	2015-17
Head Team Physician: Dr. John A. Grant	
Assistant Team Physician, University of Michigan Men's NCAA Hockey	2015-17
Head Team Physician: Dr. Asheesh Bedi	
Assistant Team Physician, Huron Valley High School Varsity Boy's Football	2013-14
Head Team Physician: Dr. Michael Chrissos	
Assistant Team Physician, Livonia-Franklin High School Varsity Boy's Football	2012-13
Head Team Physician: Local Group Coverage	

Local and National Administrative Service

Reviewer, American Journal of Sports Medicine (AJSM)	2018-P
Member/Interviewer, Orthopaedic Residency Selection Committee, University of Michigan	2016-17
The American Orthopaedic Association (AOA) Resident Leadership Forum, Seattle, Wa.	2016
AAOS Resident Assembly: Delegate	2015-P
Member, Medical School Admissions Committee, University of Illinois COM	2012

Volunteer Experience

Orthopaedic Surgical Mission Trip, Santo Domingo, Dominican Republic	2014-P
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Research

Grant Support

1) **Nathani A**, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: *The Ability of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaver Study*. University of Michigan Department of Orthopaedic Surgery Research Advisory Committee (RAC) Resident Grant, 2013 – Present. (\$10,000)

Peer-Reviewed Publications

1) Palmisano AC, **Nathani A**, Weber AE, Blaha JD: Femoral Neck Modularity: A Bridge Too Far – Affirms. *Seminars in Arthroplasty*. 2014; 25(2): 93-97.

2) **Nathani A**, Weber AE, Wahlquist T, Graziano G, Park P, Patel RD: Delayed Presentation of Pharyngeal Erosion After Anterior Cervical Discectomy and Fusion. *Case Reports in Orthopaedics*. 2015; 2015(173687): 1-4.

3) Kirsch JM, **Nathani A**, Patel RD: Multiple Adjacent Isolated Thoracic Spinous Process Fractures in High-Energy Trauma. *Case Reports in Orthopaedics*. 2015; 2015(921526): 1-3.

4) Weber AE, **Nathani A**, Allen A, Dines J, Shubin-Stein B, Arendt E, Bedi A: An Algorithmic Approach to the Management of Recurrent Lateral Patellar Dislocation. Current Concepts Review. *Journal of Bone and Joint Surgery, American*. 2016;98:417-27.

5) Kirsch JM, **Nathani A**, Robbins C, Gagnier J, Bedi A and Miller BS. Is there an Association Between the “Critical Shoulder Angle” and Clinical Outcome after Rotator Cuff Repair? *Orthopaedic Journal of Sports Medicine*. 2016;4(7).

6) **Nathani A**, Smith K, Wang T. Partial and Full-Thickness Rotator Cuff Tears: Modern Repair Techniques. *Current Reviews in Musculoskeletal Medicine*. In Press.

7) **Nathani A**, Safran MS. Hip Arthroscopy – Top Procedures in Sports Medicine and Arthroscopy. *Sports Medicine and Arthroscopy Review*. 26(4):185-189, December 2018.

8) **Nathani A**, Cheung E. Elbow Trauma: Arthroplasty Options – Instructional Course Lectures. *American Academy of Orthopaedic Surgeons (AAOS)*. Accepted.

9) Weber AE, Mayer EN, **Nathani A**, Chen DX, Kelly A, Rodeo SA, Bedi A: How Variable Are Achilles Allografts for Anterior Cruciate Ligament Reconstruction?: A Biomechanical Study. *The American Journal of Sports Medicine*. 2018: Accepted.

10) **Nathani A**, Monu U, Finlay A, Gold G, Safran MS: Does hyaluronic acid protect against early cartilage injury seen after marathon running? A prospective, randomized trial utilizing high-field magnetic resonance imaging. *The American Journal of Sports Medicine*. 2019.

Book Chapters

1) Alaraj A, **Nathani A**, Amin-Hanjani S, Aletich V, Charbel FT: Brain Arteriovenous Fistulae: Endovascular and Surgical Techniques. In: Jabbour, P, editor. *Neurovascular Surgical Technique*. Publisher Jaypee. 2014

2) Weber AE, **Nathani A**, Bedi A, Sekiya JK: Isolated Posterior Cruciate Ligament Injuries. In: Chapman M, James M, Marder RA, editors. *Chapman's Comprehensive Orthopaedic Surgery, 4th Edition*. JP Publishing. In Press, 2015.

3) **Nathani A**, Mlynarek R, Bedi A: Arthroscopic Treatment of Shoulder Stiffness and Rotator Cuff Calcific Tendinitis. In: Rockwood CA, Matsen FA, Wirth MA, Lippitt SB, Fehring EV, Sperling JW, editors. *Rockwood & Matsen's The Shoulder, 5th Edition*. Publisher Elsevier. In Press, 2015.

4) **Nathani A**, Grant JA: Dislocation of the Proximal Tibiofibular Joint. In: Scott NW, editor. *Insall & Scott: Surgery of the Knee, 6th Edition*. Publisher Elsevier. In Press, 2015.

5) **Nathani A**, Kirsch J, Hake M: Distal Femoral Fractures. In: Mauffrey C, Johari A, Wang M, editors. *Tips and Tricks in Orthopaedic Trauma: A Case Based Approach*. In press, 2017.

6) **Nathani A**, Safran MS. Hip Instability in the Athlete. In: Safran MS and Karahan M, editors. *ISAKOS: Hip and Groin Pain in the Athlete*. Publisher Springer. In Press, 2019

Manuscripts in Preparation

1) **Nathani A**, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaver Study. In Preparation.

Abstracts and/or Proceedings – Posters & Podiums

1) Abeln K, **Nathani A**, Amirouche F, Goldberg B: Injectable Calcium Phosphate Cement Augmentation in the Treatment of Proximal Humerus Fractures: A Biomechanical Analysis. The University of Illinois College of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day. Guest Lecturer: Freddie Fu. Chicago, IL, June 2009.

2) Silverstein J, **Nathani A**, Gourineni P: Oblique In-Situ Screw Fixation of Stable Slipped Capital Femoral Epiphysis: A Biomechanical Analysis. The University of Illinois College of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day. Guest Lecturer: Kevin J. Bozic. Chicago, IL, June 2011.

3) **Nathani A**, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaveric Study. Michigan Orthopaedic Society, Annual Meeting, Mackinac, MI, June 2015.

4) **Nathani A**, Henning T, Weber AE, Kirsch JM, Burns G, Eslam-Pour A, Urquhart AG: The Validity of Ultrasound to Evaluate the Articularis Genus Muscle: A Cadaveric Study. Badgley Alumni & Research Day, Ann Arbor, MI, September, 2015.

5) Kirsch JM, **Nathani A**, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Abstract. American Academy of Orthopaedic Surgeons, Annual Meeting, Orlando, FL, March 2016.

6) Kirsch JM, **Nathani A**, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Poster Presentation, Orthopaedic Research Society, Annual Meeting, Orlando, FL, March 2016 (future).

7) Kirsch JM, **Nathani A**, Robbins CB, Gagnier JJ, Bedi A, Miller BS: Is there an association between the “critical shoulder angle” and clinical outcome after rotator cuff repair. Podium Presentation, American Orthopaedic Society for Sports Medicine (AOSSM), Annual Meeting, Colorado Springs, July 2016 (future).

8) Kirsch JM, Mlynarek R, **Nathani A**, Dines JS, Warner JP, Walch G, Bedi A: What is the Role of Computer-Assisted 3D Modeling for Pre-operative Planning of Shoulder Arthroplasty. Scientific Exhibit. American Academy of Orthopaedic Surgeons, Annual Meeting, San Diego, CA, March 2017.

Teachings/Moderating/Other Brief Proceedings

- 1) **Nathani A**, Feldman D: Adolescent Blount's Disease. Grand Rounds, Department of Orthopaedic Surgery, NYU-Hospital for Joint Diseases, New York, NY, August 2011.

- 2) **Nathani A**, Miller JD: Geriatric Proximal Humerus Fractures. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2014.

- 3) **Nathani A**, Wojtys EW: Recurrent Lateral Patellar Instability. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2015.

- 4) **Nathani A**, Carpenter JE: A Complex Case of Recurrent Anterior Shoulder Instability in an Athlete. Case Presentations with Dr. Matthew J. Matava. Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, September 2015.

- 5) **Nathani A**, Carpenter JE: Recurrent Anterior Shoulder Instability in the Elite Athlete. Case Presentations with Dr. Russell F. Warren. Badgley Alumni and Research Day, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, September, 2015.

- 6) **Nathani A**, Irwin T: Evidence-Based Operative Treatment of Osteochondral Lesions of the Talus. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, June 2016

- 7) **Nathani A**, Freehill MT: SLAP tears. Case Presentations with Dr. Craig Morgan Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, April 2017.

- 8) **Nathani A**, Miller BS: Fascioscapulohumeral (FSH) Muscle Dystrophy. Grand Rounds, Department of Orthopaedic Surgery, University of Michigan, Ann Arbor, MI, May 2017.

- 9) **Nathani A**, Fanton G.: Posterior Cruciate Ligament (PCL) Injuries. Grand Rounds, Department of Orthopaedic Surgery and Sports Medicine, Stanford University, Palo Alto, CA, September 2017.

- 10) **Nathani A**, Safran MS: Hip Instability. Grand Rounds Visiting Professor: Dr. J.W. Thomas Byrd, Department of Orthopaedic Surgery and Sports Medicine, Stanford University, Palo Alto, CA, 2018.

- 11) **Nathani, A**. Femoroacetabular Impingement: Current Concepts. The Spine & Orthopaedic Grand Rounds. Department of Orthopaedic Surgery, Cottage Hospital, Santa Barbara, CA, 2019.