

Andrew Lee

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949-322-1330

## **WORK EXPERIENCE**

Orthopedic Surgeon 2020 - Present (1.5 years)

**Adventist Health, Hanford, CA**

## **EDUCATION**

Clinical Spine Fellow

University of California San Francisco, San Francisco, CA — 2019 -

2020 (1 year) Program Director: Bobby Tay, MD/Shane Burch, MD

Orthopedic Residency

Northwell Health, Long Island, NY — 2013 - 2019 (6 years)

Program Director: Lewis Lane, MD

Medical School

Rush Medical College, Chicago, IL — MD/MS, 2008-2013 (5 years)

NIH Research Fellow

Undergraduate

University of California San Diego, San Diego, CA — BS, 2003 - 2007

(4 years) Dept. of Bioengineering: Biotechnology

## **CERTIFICATION**

American Board of Orthopedic Surgery, Part I — Passed, July 2019

## PUBLICATIONS

Rajasekaran MR, Jiang Y, Bhargava V, Littlefield R, Lee A, Lieber RL, Mittal RK. Length tension relationship of the external anal sphincter muscle: implications for the anal canal function. *Am J Physiol Gastrointest Liver Physiol.* 295(2):G367-73. August 2008.

Lee AS, Kang RW, Kroin E, Verma NN, Cole BJ. Allograft meniscus transplantation. *Sports Med Arthroscopy Review.* 2012 Jun; 20(2):106-14.

Heard W, Lee A, Cole BJ. Orthopedics Hyperguide: Update on Chondrolysis: Etiology and Implications Related to the Use of Intra-articular Local Anesthetic: Orthopedics Hyperguide ; Feb. 2012 (Vindico Medical Education)

Corpus KT, Bajaj S, Daley EL, Lee A, Kercher J, Salata M, Verma NN, Cole BJ. Long-Term Evaluation of Autologous Chondrocyte Implantation: Minimum 7-Year Follow-Up. *Cartilage ;* 2012

Mall NA, Lee AS, Chahal J, Sherman SL, Romeo AA, Verma NN, Cole BJ. An Evidenced-Based Examination of the Epidemiology and Outcomes of Traumatic Rotator Cuff Tears. *Arthroscopy.* 2013 Feb;29(2):366-76.

Mall NA, Lee AS, Chahal J, Van Thiel GS, Romeo AA, Verma NN, Cole BJ. Transosseous Equivalent Rotator Cuff Repair: A Systematic Review Demonstrating the Biomechanical Importance of Tying the Medial Row. *Arthroscopy.* 2013 Feb;29(2):377-86. Fortier L, Lee A, Yanke A, Cole BJ. PRP Injection Technique Video. *VuMedi* 2012

Sherman S, Karas V, Lee A, Bhatia S, Harwood D, Romeo AA, Cole BJ. Chapter 14: Atlas of Shoulder Surgery: Humeral Head Allograft for Shoulder Instability. McCann PD, editor. Jaypee Brothers Medical Publishers LTD of New Delhi, India. 2012.

Bhatia S, Lee A, Sherman S, Provencher MT, Cole BJ. Chapter 15: Atlas of Shoulder Surgery: Pearls for Anatomic Glenoid Reconstruction using Distal Tibia Osteochondral Allograft. McCann PD, editor. Jaypee Brothers Medical Publishers LTD of New Delhi, India. 2012.

Mather III C, Karas V, Lee A, Yanke A, Verma NN, Cole BJ. Chapter 37: Atlas of Shoulder Surgery: Glenohumeral Arthritis: Arthroscopic Microfracture For Full Thickness Chondral Defects. McCann PD, editor. Jaypee Brothers Medical Publishers LTD of New Delhi, India. 2012.

Yanke AB, Bell R, Lee AS, Shewman E, Wang VM, Bach BR Jr. Central-third bone-patellar tendon-bone allografts demonstrate superior biomechanical failure characteristics compared with hemipatellar tendon grafts. *Am J Sports Med.* 2013 Nov;41(11):2521-6.

Yanke AB, Bell R, Lee A, Kang RW, Mather RC 3rd, Shewman EF, Wang VM, Bach BR Jr. The Biomechanical effects of 1.0 to 1.2 Mrad of  $\gamma$  irradiation on human bone-patellar tendon-bone allografts. *Am J Sports Med.* 2013 Apr;41(4):835-40.

Lee AS, Ellman MB, Yan D, Kroin JS, Cole BJ, van Wijnen AJ, Im HJ. A current review of molecular mechanisms regarding osteoarthritis and pain. *Gene.* 2013 Sep 25;527(2):440-7

Gupta AK, Forsythe B, Lee AS, Harris JD, McCormick F, Abrams GD, Verma NN, Romeo AA, Inoue N, Cole BJ. Topographic analysis of the glenoid and proximal medial tibial articular surfaces: a search for the ideal match for glenoid resurfacing. *Am J Sports Med.* 2013 Aug; 41(8):1893-9.

Chahal J, Lee A, Heard W, Bach BR. A retrospective review of anterior cruciate ligament reconstruction using patellar tendon 25 years of experience. *Orthop J Sports Med.* 2013;1:2325967113501789.

McCarrel TM, Mall NA, Lee AS, Cole BJ, Butty DC, Fortier LA. Considerations for the use of Platelet Rich Plasma in Orthopaedics. *Sports Med.* 2014 Aug;44(8):1025-36

Yanke A, Bell R, Lee A, Shewman EF, Wang V, Bach BR Jr. Regional mechanical properties of human patellar tendon allografts *Knee Surg Sports Traumatol Arthrosc.* 2015 Apr;23(4):961-7.

Wang VM, Karas V, Lee AS, Yin Z, Van Thiel GS, Hussey K, Sumner DR, Chubinskaya S, Magin RL, Verma NN, Romeo AA, Cole BJ. Assessment of glenoid chondral healing: comparison of microfracture to autologous matrix-induced chondrogenesis in a novel rabbit shoulder model. *J Shoulder Elbow Surg.* 2015 Nov;24(11):1789-800.

Yanke AB, Lee AS, Karas V, Abrams G, Riccio ML, Verma NN, Bach BR Jr, Cole BJ. Surgeon Ability to Appropriately Address the Calcified Cartilage Layer: An In Vitro Study of Arthroscopic and Open Techniques. *Am J Sports Med.* 2019 Sep;47(11):2584-2588

## **PODIUM/POSTERS**

Mostafavi HR, Caruso A, Cooke M, Lee AS, Teri N, Tornetta P. Is Distal Interlocking Necessary in Long Cephalomedullary Nailing of Intertrochanteric Fractures? Podium Presentation. Orthopaedic Trauma Association. (October 2017, Vancouver, Canada)

Lee AS, Amaral T, Wendolowski S, Galina J, Thornill B, Lo Y, Sarwahi VM. T1 Tilt/Clavicle Angle: Best Predictors of Postoperative Shoulder Balance? E- Poster Presentation. Eastern Orthopedic Association (October 2017, Miami, FL)

Sarwahi V, Lee AS, Amaral T, Wendolowski S, Gecelter R, Thornhill B, Wang D. Ultralow dose radiation 3D Intraoperative Imaging: How Low Can We Go? An O-Arm CT scan Cadaveric Study. North American Spine Society; 31st Meeting; (2015 Boston, MA)

Gupta D, Mall N, Lee A, Frank R, Shewman E, Wang V, Romeo AA, Cole BJ, Verma NN. Inferior Suture Anchor Placement During Arthroscopic Bankart Repair: Influence of Portal Placement and Curved Drill Guide. Rush University Medical Center. American Orthopedics Society for Sports Medicine (March 23, 2013, Chicago, IL)

Lee AS, Karas V, Riccio M, Yanke A, Forsythe B, Nho SJ, Verma NN, Bush-Joseph CA, Bach BR, Cole BJ Rush. Surgeon Reliability in Calcified Cartilage Layer Removal: Open Versus Arthroscopic Technique. Research Forum 2012 (April 11, 2012 Chicago, IL)

Lee AS, Karas V, Riccio M, Yanke A, Forsythe B, Nho SJ, Verma NN, Bush-Joseph CA, Bach BR, Cole BJ. Surgeon Reliability in Calcified Cartilage Layer Removal: Open Versus Arthroscopic Technique. American Association of Anatomist 2012 Meeting (February 25, 2012 Chicago, IL)

## RESEARCH EXPERIENCE

Research Coordinator/ NIH Research Fellow, Midwest Orthopedics 2011-2012

Advisor: Dr. Brian J. Cole MD/MBA - Dept. of Orthopedics (Chicago, IL)

Undergraduate researcher, UCSD School of Medicine 2006 – 2007

Advisor: Dr. M. Rajasekaran – Dept. of Gastroenterology (San Diego, CA)

Capstone Design member, UCSD Department of Bioengineering 2006 – 2007

Advisor: Dr. GW Schmid-Schonbein – Dept. of Bioengineering (San Diego, CA)

Undergraduate researcher, UCSD Cartilage Tissue Engineering Lab 2005-2007

Advisor: Dr. Robert Sah, Dr. Albert Chen – Dept. of Bioengineering (San Diego, CA)

## TEXTBOOK CHAPTERS

Alexander Satin, Andrew Lee, David Essig, Jeff Silber. Central Cord Syndrome. *Clinical Decision Support: Spine Surgery*. Vaccaro, Prasad, Rihn, Wang 2017

Nathan Mall, Bryan Saltzman, Andrew S. Lee, Brian J Cole. Chapter 31 Articular Cartilage Injury (Including Osteochondritis Dissecans) in the Young Athletic Knee. *Orthopedic Rehabilitation of the Athlete: Getting Back in the Game*. Elsevier, Philadelphia, PA 2015

Daphne R. Scott, Wendell MR Heard, Andrew S Lee, Bryan M Saltzman, Brian J Cole. Chapter 31. Beyond Basic Rehabilitation: Return to Basketball After Osteochondral Allograft Transplantation. *Orthopedic Rehabilitation of the Athlete: Getting Back in the Game*. Elsevier, Philadelphia, PA 2015

**SOCIETY/MEMBERSHIP**

AAOS

KASS

AO Spine Fellow

NASS