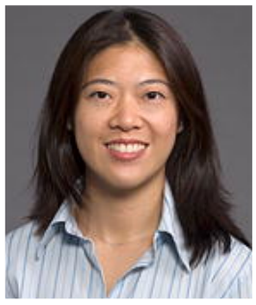


Cassandra A. Lee, M.D.

Philosophy of Care

I believe in working together as partners with my patients. My job is to educate my patients about their sports injuries and to help guide them through their rehabilitation process, whether it be for operative or nonoperative management.

Clinical Interests

Dr. Lee's clinical interests relate to the diagnosis and management of patients who have sustained sports-related orthopaedic injuries, with emphasis on the knee and shoulder problems.
Her surgical specialties include ligament reconstruction, cartilage preservation (such as osteochondral allograft and autologous chondrocyte implantation), meniscal transplantation and multiligamentous knee reconstruction.
Dr. Lee also specialize in arthroscopic shoulder procedures such as instability and rotator cuff repairs, as well as open-shoulder reconstruction procedures.

Research/Academic Interests

Dr. Lee's research interests include the study of cartilage regeneration and ligament biology, and how they translate to clinical outcomes.

Title

Assistant Professor

Specialty

Orthopaedic Surgery, Sports Medicine, Orthopaedic Surgery - Sports Medicine

Department

Orthopaedic Surgery

Division

Orthopaedic Surgery - Sports Medicine

Center/Program Affiliation

Sports Medicine Program

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, Orthopaedic Surgery, 4860 Y St. 3800 & 1700 (Clinic) Sacramento, CA 95817
Phone: 916-734-2700

Additional Phone

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Languages

Mandarin Chinese

Education

M.D., Boston University School of Medicine, Boston, Massachusetts, 2001
B.A., Boston University, Boston, Massachusetts, 1996

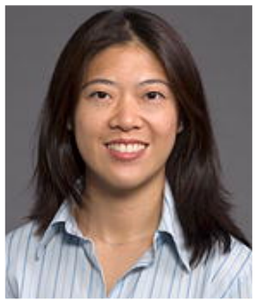
Internships

North Carolina Baptist Hospital, Winston Salem, North Carolina, 2004

Residency

North Carolina Baptist Hospital, Winston Salem, North Carolina, 2008

UCDAVIS HEALTH SYSTEM



Cassandra A. Lee, M.D.

Fellowships

Washington University, St. Louis, Missouri, 2008

Professional Memberships

American Academy of Orthopaedic Surgeons
American Orthopaedic Society for Sports Medicine

Select Recent Publications

Kim YM, Lee CA, Matava MJ. Clinical results of arthroscopic single-bundle transtibial posterior cruciate ligament reconstruction: a systematic review. *Am J Sports Med.* 2011 Feb;39(2):425-34. Epub 2010 Aug 11.

Moraiti CO, Stergiou N, Ristanis S, Vasiliadis HS, Patras K, Lee C, Georgoulis AD. The effect of anterior cruciate ligament reconstruction on stride-to-stride variability. *Arthroscopy.* 2009 Jul;25 (7):742-9.

Ma J, Shen J, Garrett JP, Lee CA, Li Z, Elsaidi GA, Ritting A, Hick J, Tan KH, Smith TL, Smith BP, Koman LA. Gene expression of myogenic regulatory factors, nicotinic acetylcholine receptor subunits, and GAP-43 in skeletal muscle following denervation in a rat model. J Orthop Res 2007; 2525(11):1498-1505.

Lee C, Ma J, Deal DN, Smith BP, Koman LA, Smith TL, Shilt JS. Neuromuscular recovery after distraction osteogenesis at different frequencies in a rabbit model. J Pediatr Orthop. 2006 Sep-Oct; 26(5):628-33.

Shen J, Ma J, Lee C, Smith BP, Smith TL, Tan KH, Koman LA. How muscles recover from paresis and atrophy after intramuscular injection of botulinum toxin A: Study in juvenile rats. J Orthop Res 2006;24(5):1128-1135.

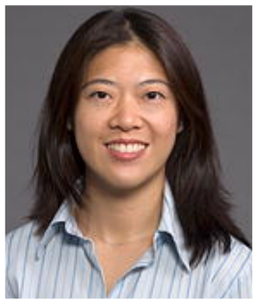
Farmer JM, Lee CA, Curl WW, Martin DF, Kortesis B, Poehling GG. Initial biomechanical properties of staple-anchor Achilles tendon allograft and interference screw bone-patellar tendon-bone autograft fixation for anterior cruciate ligament reconstruction in a cadaveric model. Arthroscopy. 2006 Oct;22(10):1040-5.

Poehling GG, Curl WW, Lee CA, Ginn TA, Rushing JT, Naughton MJ, Holden MB, Martin DF, Smith BP. Analysis of Outcomes of Anterior Cruciate Ligament Repair with 5-Year Follow-up: Allograft Versus Autograft. Arthroscopy. 2005 July; 21(7):774-785.

Shen J, Ma J, Elsaidi GA, Lee CA, Smith TL, Tan KH, Koman LA, Smith BP. Gene expression of myogenic regulatory factors following intramuscular injection of botulinum toxin A in juvenile rats. Neuroscience Letters. 2005; 381:207-210.

Ma J, Shen J, Lee CA, Elsaidi GA, Smith TL, Walker FO, Rushing JT, Tan KH, Koman LA, Smith BP. Gene expression of nAChR, SNAP-25 and GAP-43 in Skeletal Muscles following Botulinum Toxin A Injection: a study in rats. J Orthop Res. 2005;23:302-309.

Lee CA, Birkedal JP, Dickerson EA, Vieta PA Jr, Webb LX, Teasdall RD. Stabilization of Lisfranc



Cassandra A. Lee, M.D.

joint injuries: a biomechanical study. Foot Ankle Int. 2004 May;25(5):365-70.

Lee CA, Meyer JV, Shilt JS, Poehling GG. Case Report: Allograft Maturation in Anterior Cruciate Ligament Reconstruction. Arthroscopy. 2004 Jul;20 Suppl 2:46-9.

Kinner B, Pacicca DM, Gerstenfeld LC, Lee CA, Einhorn TA, Spector M. Expression of smooth muscle actin in cells involved in distraction osteogenesis in a rat model. J Orthop Res 21: 20-27, 2003.

Pacicca DM, Patel N, Lee C, Salisbury K, Lehmann W, Carvalho R, Gerstenfeld LC, Einhorn TA. Expression of angiogenic factors during distraction osteogenesis. Bone. 2003 Dec;33(6):889-98.

Cullinane DM, Fredrick A, Eisenberg SR, Pacicca D, Elman MV, Lee C, Salisbury K, Gerstenfeld LC, Einhorn TA. Induction of a neoarthrosis by precisely controlled motion in an experimental mid-femoral defect. J Orthop Res 20:579-86, 2002.

Einhorn TA, Lee CA. Bone Regeneration: New Findings and Potential Clinical Applications. J Am Acad Orthop Surg 9:157-165, 2001.

Tornetta P IIIrd, Spoo JE, Reynolds FA, Lee C. Overtightening of the Ankle Syndesmosis: Is it really possible? J Bone Joint Surg 83A (4): 489-492, 2001.

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