

Dev K. Mishra, MD

Curriculum Vitae

Citizenship: USA

Professional:

1. Clinical Assistant Professor of Orthopaedic Surgery & Sports Medicine, Stanford University
September 2013 – Present
Team Physician staff, Stanford University
Team Physician staff, United States Soccer Federation
Team Physician, International Champions Cup international soccer tournament
Orthopedic Consultant:
Sacred Heart Prep School, Crystal Springs Uplands School—all sports
Former Team Physician, Cal Berkeley Intercollegiate Athletics Teams—all sports
Former Team Physician, Oakland Athletics major league baseball
2. President, Sideline Sports Doc, LLC
January 2010 – Present
Sideline Sports Doc created an injury assessment algorithm and provides on-field injury management tools and risk management guidance for youth sports parents, coaches, clubs, leagues, and insurers.
3. Medical Director, Apeiron Life
June 2018 – Present
Apeiron Life provides comprehensive nutrition, fitness, and lifestyle guidance to improve healthspan.
4. Consultant, Stryker Endoscopy
January 2014 – Present
Design and product validation for endoscopic cameras and associated endoscopic tools.
5. Venture Capital and Medical Device Consulting
January 2000 – Present
Assist medical device and medical service focused VCs in diligence, deal sourcing. To date, I have advised my clients on more than 100 companies in a wide variety of medical specialties. I have also served as chief medical officer to seven companies that have had successful exits.

Prior Medical Practice:

1. Burlingame Orthopaedics and Sports Medicine Associates
January 2005 – August 2013
Arthroscopy, sports medicine
2. Saint Francis Center for Sports Medicine, San Francisco and Walnut Creek, California
April 2000 – January 2011
Arthroscopy, sports medicine

3. Webster Orthopaedic Medical Group, San Ramon, California
March 2003 – August 2004
4. Palo Alto Medical Foundation Sports Medicine, Palo Alto, California
January 2001 – February 2003
5. Private Practice, San Bruno, California
January 2000 – December 2000
6. Attending Orthopaedic Surgeon, Kaiser Permanente Medical Center, Oakland, CA
August 1995 – December 1999
arthroscopy, sports medicine, general orthopaedic trauma
7. Clinical Instructor of Orthopaedic Surgery, University of California, San Francisco
August 1994 – July 1995
arthroscopy, sports medicine
8. Clinical Instructor of Orthopaedic Surgery, University of California, San Diego
July 1993 – June 1994
general orthopaedics

Board Certification and Licensure:

1. American Board of Orthopaedic Surgery, 1997, 2006, 2018. Valid through Dec. 31, 2028
2. American Board of Orthopaedic Surgery, Subspecialty Board Certification in Orthopaedic Sports Medicine, 2009, 2018. Valid through Dec. 31, 2028
3. National Board of Medical Examiners, Parts I, II, III
4. California Medical License No. G066837

Athletic Team Coverage:

1. Stanford University intercollegiate athletics, consultant Physician. September 2013 – Present
2. San Jose Earthquakes, MLS, associate Team Physician, September 2013 – December 2018
3. United States Soccer Federation, Team Physician staff, October 2006 – Present
4. University of California, Berkeley. Team Physician, August 1995 – July 2006
5. International Children's Games, January 2008 – Present
6. California Victory professional soccer club, March 2007 – December 2010
7. California Youth Soccer Association – North, Orthopedic Consultant, April 2004 – Present
8. High School Orthopedic Consultant and Team Physician:
 - Crystal Springs Uplands High School, September 2002 – Present
 - De La Salle High School, September 2010 – December 2013
 - Sacred Heart Preparatory School, September 2010 – Present

Professional Memberships:

1. American Academy of Orthopaedic Surgeons, Fellow
2. American Orthopedic Society for Sports Medicine, Fellow
3. California Orthopaedic Association
4. Bay Area Knee Society, Active Member

Volunteer Organizations:

1. Board of Directors & Medical Director, San Francisco International Children's Games 2008
2. Yale University Alumni Schools Committee, 2000 – 2008

Education:

1. Fellowship in Sports Medicine: University of California at San Francisco
Department of Orthopaedic Surgery
August 1994 – July 1995
2. Fellowship in Orthopaedic Research: University of California at San Diego
Department of Orthopaedic Surgery
July 1991 – June 1992
Areas of Research:
 1. Basic science of exercise induced muscle injury and repair
 2. Instrumented measurement of patellar mobility
3. Residency: University of California at San Diego
Department of Orthopaedic Surgery
Date of completion: June 1994
Academic Honors:
 - 1993 American Orthopaedic Association – Zimmer Travel Award for Orthopaedic Residents
 - 1993 UCSD Resident Research Award
4. Medical School: University of California at San Diego
Doctor of Medicine, June 1988
Academic Honors: A. Baird Hastings Society for excellence in academics and research (AOA)
5. Undergraduate: Yale University
Bachelor of Arts in Architecture, May 1984
Academic Honors: cum laude graduate; Honors in Architecture, Distinction in Architecture for Senior Thesis
6. High School: Arcadia High School, Arcadia California
Academic Honors: National Merit finalist, Class Valedictorian

Scientific Publications:

1. Penner, D.A., Daniel, D.M., Wood, P., Mishra, D.K.: "An in vitro study of anterior cruciate ligament graft orientation and isometry." *Am. J. Sports Med.* 16:238-243, 1988
2. Mishra, D.K., Daniel, D.M., Stone, M.L.: "The use of functional knee braces in the control of pathologic anterior knee laxity." *Clin. Orthop.* 241:213-220, 1989
3. Bock, G.W., Bosch, E., Mishra, D.K., Daniel, D.M., Resnick, D.: "The healed Segond fracture: a characteristic residual bone excrescence." *Skel. Radiol.* 23:555-556, 1994
4. Lieber, R.L., Schmitz, M.C., Mishra, D.K., Friden, J.: "Contractile and cellular remodeling in rabbit skeletal muscle following cyclic eccentric contractions." *J. Applied Physiology* 77(4):1926-1934, 1994
5. Mishra, D.K., Fithian, D.C., Balen, P.F., Stone, M.L., Daniel, D.M.: "Instrumented measurement of patellar mobility." *Am. J. Sports Med* 23(5):607-615, 1995
6. Mishra, D.K., Friden, J., Schmitz, M.C., Lieber, R.L.: "Anti-inflammatory medication after muscle injury provides a short-term improvement but long term loss of muscle function." *J. Bone and Joint Surgery* 77A:1510-1519, 1995
7. Cannon, W.D., Jr., Mishra, D.K.: "Arthroscopic meniscal repair." In: Controversies and Current Technique in Knee Surgery. Ed.: V. Sanchis-Alfonso, M.D., Ph. D. Tech Medica, Valencia, Spain, 1995
8. Mishra, D.K., Cannon, W.D., Jr.: "Reoperation after partial meniscectomy and the failed meniscal repair." In: Failed Arthroscopic and Ligament Surgery. Ed.: Marder, R.A., Zarins, B. Blackwell Science, Boston, 1995
9. Mishra, D.K., Cannon, W.D., Jr., Lucas, D., Belzer, J.P.: "Elongation of arthroscopically tied knots." *Am. J. Sports Med.* 25(1):113-117, 1997
10. Mishra, D.K., Fanton, G.S.: "Two-year outcome of arthroscopic Bankart repair and electrothermal assisted capsulorrhaphy for recurrent traumatic anterior shoulder instability." *Arthroscopy.* 17(8): 844-849, 2001

National Presentations:

1. Penner, D.A., Daniel, D.M., Wood, P., Mishra, D.K.: "An in vitro study of anterior cruciate ligament graft orientation and isometry" Twelfth annual meeting of the American Orthopaedic Society for Sports Medicine, Sun Valley, Idaho, July 14-17, 1986
2. Mishra, D.K., Daniel, D.M., Stone, M.L.: "The use of functional knee braces in the control of pathologic anterior knee laxity" 34th Annual Meeting of the Orthopaedic Research Society, Atlanta, Georgia, February 1988

3. McAndless, M., Bosch, E., Pathria, M., Mishra, D., Daniel, D., Resnick, D.: "Deepened lateral femoral notch as a plain film indicator of anterior cruciate ligament (ACL) tear." 78th Scientific Assembly of the Radiological Society of North America, Chicago, Illinois, November 29–December 4, 1992
4. Schmitz, M.C., Mishra, D.K., Giangreco, C., Friden, J., Lieber, R.L.: "Differential injury to tibialis anterior and extensor digitorum longus muscles during eccentric exercise in rabbits." 39th Annual Meeting of the Orthopaedic Research Society, San Francisco, California, February 1993
5. Lieber, R.L., Schmitz, M.C., Mishra, D.K., Friden, J.: "Contractile and morphological changes following eccentric exercise in rabbit muscle." Annual Meeting of the American College of Sports Medicine, Seattle, Washington, June 1993
6. Mishra, D.K., Schmitz, M.C., Giangreco, C., Friden, J., Lieber, R.L.: "Anti-inflammatory medication after muscle injury provides a short-term improvement but long term loss of muscle function." 40th Annual Meeting of the Orthopaedic Research Society, New Orleans, Louisiana, February 1994
7. Mishra, D.K.: "Semitendinosus harvesting and quadruple strand ACL reconstruction using the Arthrex Transfix pin and bioabsorbable interference screw." Pacific Northwest regional meeting, Coeur d'Alene, Idaho, October 1999
8. Mishra, D.K.: "Two year outcome and surgical technique for arthroscopic Bankart repair and electrothermal capsulorrhaphy." Pacific Northwest regional meeting, Coeur d'Alene, Idaho, October 1999
9. Mishra, D.K., Fanton, G.S.: "Two-year outcome of arthroscopic Bankart repair and electrothermal assisted capsulorrhaphy for recurrent anterior shoulder dislocation." Arthroscopy Association of North America annual meeting, April 2000, Miami, Florida
10. Mishra, D.K., Cannon, W.D., Jr.: "Rerepair of failed meniscus repairs." Arthroscopy Association of North America annual meeting, April 2000, Miami, Florida

Local and Regional Presentations:

1. "Subtrochanteric Femur Fractures." UCSD Orthopaedic Surgery Grand Rounds, June 23, 1993
2. "Surgical Options in Massive Rotator Cuff Tears." UCSD Orthopaedic Surgery Grand Rounds, July 8, 1993
3. "Total Shoulder Arthroplasty." UCSD Orthopaedic Surgery Grand Rounds, September 15, 1993
4. "Knee Dislocations." UCSD Orthopaedic Surgery Grand Rounds, December 15, 1993
5. "Neurovascular Injury in Lower Extremity Trauma." UCSD combined Surgical Grand Rounds, February 12, 1994

6. "Training for the Ski Season." Oakland Ski Club, October 6, 1994
7. "Prevention and Treatment of Skiing Injuries: What Every Physician-Skier Should Know." UCSF/Mt. Zion Hospital, November 15, 1994
8. "Sports Medicine Update, 1997." Kaiser Permanente Grand Rounds, May 29, 1997
9. "Treatment of Articular Cartilage Injuries in the Knee" UC Berkeley Sports Medicine Program, August 1, 1997
10. "Treatment of Acromioclavicular Joint Injuries in the Throwing Athlete." UC Berkeley Sports Medicine Program, May 22, 1999
11. "Update on Rotator Cuff Injuries." BaySport Physical Therapy, October 2001

Weekly Blog at Sideline Sports Doc.com:

More than 350 blog posts over the last seven years on a variety of youth sports, health, and fitness topics. <http://www.sidelinesportsdoc.com>