Stanford



Joseph P. Donahue

Clinical Associate Professor, Orthopaedic Surgery

CLINICAL OFFICE (PRIMARY)

- **Stanford Sports Medicine Clinic**
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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**
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Bio

BIO

Dr. Donahue is a Board Certified Orthopaedic Surgeon with Subspecialty Certification in Orthopaedic Sports Medicine. He is fellowship trained and specializes in Arthroscopic and Minimally Invasive Reconstructive Surgery of the Shoulder and Knee, and Sports Medicine.

Dr. Donahue received his undergraduate degree from Stanford University and his Doctor of Medicine from Columbia University College of Physicians and Surgeons. He completed his residency in Orthopedic Surgery at St. Luke's-Roosevelt Hospital Center (NYC), Memorial Sloan-Kettering Cancer Center (NYC), and the Alfred I. duPont Institute (DE), and went on to a fellowship in Orthopedic Sports Medicine at the Stanford/SOAR Sports Medicine Fellowship Program.

Dr. Donahue's interests include arthroscopic surgery of the shoulder and knee. He specializes in anterior cruciate ligament injuries, shoulder instability, and rotator cuff tears. He has done research on both shoulder instability and rotator cuff tears and has developed new techniques and medical devices for rotator cuff and all soft tissue repairs. He has started and actively serves on the medical advisory board for several surgical device companies and continues to design new surgical devices for arthroscopic procedures. He has authored several device patents and journal articles.

Dr. Donahue has been a member of the American Academy of Orthopedic Surgeons and a Diplomat of the American Board of Orthopedic Surgery. He is also member of the Arthroscopy Association of North America, the American Orthopedic Society of Sports Medicine, the California Orthopedic Association, The International Knee Society, the California Medical Association, and the Santa Clara Medical Society.

Dr. Donahue has served as the Program Director of the SOAR Orthopedic Sports Medicine Fellowship Program. He has served as the Director of Santa Clara University's Sports Medicine Program and the Head Team Physician for all of Santa Clara University's athletic teams, a team physician for the San Francisco 49ers, the San Francisco Giants, the Stanford Athletic Department, and many other area collegiate and high school teams.

CLINICAL FOCUS

- Sports Medicine
- Orthopaedic Sports Medicine

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Orthopaedic Surgery
- Member, Wu Tsai Human Performance Alliance

ADMINISTRATIVE APPOINTMENTS

- Head Team Physician, San Jose Earthquakes, (2019- present)
- Team Physician, Stanford Athletic Department, (2019- present)
- Consultant, San Francisco Giants, (2011-2016)
- Team Physician, Menlo Atherton High School, (2005- present)
- Head Team Physician All Sports, Santa Clara University, (2005-2019)
- Program Director, SOAR Orthopedic Sports Medicine Fellowship Program (ACGME Accredited), (2005-2019)
- Sports Medicine Program Director, Santa Clara University Musculoskeletal Medicine, (2005-2019)
- Team Physician, Foothill College, (2004- present)
- Team Physician, DeAnza College, (2004- present)
- Team Physician, San Francisco 49ers, (2004-2007)

HONORS AND AWARDS

- Chief Resident, St.Luke's-Roosevelt Hospital,University Hospital of Columbia College of Physicians and Surgeons,NY (2004-2005)
- AOA-OREF-Zimmer Resident Leadership Forum Recipient, NY (2004)
- Resident's Research Award, St.Luke's-Roosevelt Hospital,University Hospital of Columbia College of Physicians and Surgeons,NY (2003-2004)
- Marie Nercessian Memorial Award, Columbia College of Physicians and Surgeons (1999)
- Research Grant, National Institute of Health, Columbia College of Physicians and Surgeons, New York, NY (1995-1999)
- Research Grant, National Institute of Health,Columbia College of Physicians and Surgeons,NY (1995-1999)

PROFESSIONAL EDUCATION

- Board Certification: Orthopaedic Sports Medicine, American Board of Orthopaedic Surgery (2008)
- Residency: Icahn School of Medicine at Mount Sinai Orthopaedic Surgery (2004) NY
- Board Certification, Sports Medicine, American Board of Orthopaedic Surgery (2008)
- Board Certification, Orthopaedic Surgery, American Board of Orthopaedic Surgery (2007)
- Fellowship, Stanford/ SOAR, Sports Medicine and Orthopedic Surgery (2005)
- Residency, St. Luke's-Roosevelt Hospital, University Hospital of Columbia College of Physicians & Surgeons , NY (2004)
- Residency, Alfred I. duPont Hospital for Children , DE (2003)
- Residency, Memorial Sloan Kettering Cancer Center , NY (2001)
- Internship, St. Luke's-Roosevelt Hospital, University Hospital of Columbia College of Physicians & Surgeons , NY (2000)
- Medical School, Columbia College of Physicians and Surgeons , NY (1999)
- Undergraduate, Stanford University, Biological Sciences , CA (1993)

PATENTS

- Feezor; Christopher, Rosenthal; Michael, Donahue; Joseph P.. "United States Patent 9861353 Devices, systems, and methods for attaching soft tissue to bone tissue", Stabilynx, Inc, Feb 15, 2015

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Sports Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Shorter Relative Patellar Defect Length After Bone-Patellar Tendon-Bone Autograft Anterior Cruciate Ligament Reconstruction Is associated With Better Postoperative Patient-Reported Outcomes at 1-Year Follow-Up.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
  Schroeder, G. G., Williams, A. A., Koltsov, J. C., Wadsworth, A. L., Nelson, B. J., Chu, C. R.
  2026

- **Platelet-Rich Plasma Augmentation for Isolated Arthroscopic Meniscal Repairs Leads to Significantly Lower Failure Rates: A Systematic Review of Comparative Studies.** *Orthopaedic journal of sports medicine*
  Sochacki, K. R., Safran, M. R., Abrams, G. D., Donahue, J., Chu, C., Sherman, S. L.
  2020; 8 (11): 2325967120964534

- **Comparison of Autologous Chondrocyte Implantation and Osteochondral Allograft Transplantation of the Knee in a Large Insurance Database: Reoperation Rate, Complications, and Cost Analysis.** *Cartilage*
  Sochacki, K. R., Varshneya, K., Calcei, J. G., Safran, M. R., Abrams, G. D., Donahue, J., Chu, C., Sherman, S. L.
  2020: 1947603520967065

- **Linked Double-Row Equivalent Arthroscopic Rotator Cuff Repair Leads to Significantly Improved Patient Outcomes.** *Orthopaedic journal of sports medicine*
  Endo, A., Hoogervorst, P., Safranek, C., Sochacki, K. R., Safran, M. R., Sherman, S. L., Donahue, J.
  2020; 8 (7): 2325967120938311

- **Reoperation Rates following Meniscus Transplantation using the Truven Database.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
  Sochacki, K. R., Varshneya, K. n., Safran, M. R., Abrams, G. D., Donahue, J. n., Wang, T. n., Sherman, S. L.
  2020

- **Relationship of the Medial Patellofemoral Ligament Origin on the Distal Femur to the Distal Femoral Physis: A Systematic Review.** *The American journal of sports medicine*
  Sochacki, K. R., Shea, K. G., Varshneya, K. n., Safran, M. R., Abrams, G. D., Donahue, J. n., Sherman, S. L.
  2020: 363546520904685

- **Administrative Databases Utilized for Sports Medicine Research Demonstrate Significant Differences in Underlying Patient Demographics and Resulting Surgical Trends.** *Arthroscopy : the journal of arthroscopic & related surgery : official publication of the Arthroscopy Association of North America and the International Arthroscopy Association*
  Xiao, M. n., Donahue, J. n., Safran, M. R., Sherman, S. L., Abrams, G. D.
  2020

- **Comparing Meniscectomy and Meniscal Repair: A Matched Cohort Analysis Utilizing a National Insurance Database.** *The American journal of sports medicine*
  Sochacki, K. R., Varshneya, K. n., Calcei, J. G., Safran, M. R., Abrams, G. D., Donahue, J. n., Sherman, S. L.
  2020: 363546520935453

- **Double row equivalent for rotator cuff repair: A biomechanical analysis of a new technique** *JOURNAL OF ORTHOPAEDICS*
  Robinson, S., Krigbaum, H., Kramer, J., Purviance, C., Parrish, R., Donahue, J.
  2018; 15 (2): 426–31

- **The in vivo relationship between anterior neutral tibial position and loss of knee extension after transtibial ACL reconstruction** *KNEE*
  Scanlan, S. F., Donahue, J. P., Andriacchi, T. P.
  2014; 21 (1): 74-79

- **Three-dimensional knee moments of ACL reconstructed and control subjects during gait, stair ascent, and stair descent** *JOURNAL OF BIOMECHANICS*
  Zabala, M. E., Favre, J., Scanlan, S. F., Donahue, J., Andriacchi, T. P.
  2013; 46 (3): 515-520

- **Variations in the three-dimensional location and orientation of the ACL in healthy subjects relative to patients after transtibial ACL reconstruction** *JOURNAL OF ORTHOPAEDIC RESEARCH*
  Scanlan, S. F., Lai, J., Donahue, J. P., Andriacchi, T. P.
  2012; 30 (6): 910-918

- **Coracoclavicular stabilization using a suture anchor technique.** *American journal of orthopedics (Belle Mead, N.J.)*
  Friedman, D. J., Barron, O. A., Catalano, L., Donahue, J. P., Zambetti, G.
  2008; 37 (6): 294-300

- **Combined physeal/apophyseal fracture of the proximal tibia with anterior angulation from an indirect force: report of 2 cases.** *American journal of orthopedics (Belle Mead, N.J.)*
  Donahue, J. P., Brennan, J. F., Barron, O. A.
  2003; 32 (12): 604-7

- **Vesicant characteristics of oxapliplatin following antecubital extravasation** *CLINICAL ONCOLOGY*
  Kennedy, J. G., Donahue, J. P., Hoang, B., Boland, P. J.
  2003; 15 (5): 237–39

- **Postoperative cell mediated immune response is better preserved after laparoscopic vs open colorectal resection in humans** *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES*
  Whelan, R. L., Franklin, M., Holubar, S. D., Donahue, J., Fowler, R., Munger, C., Doorman, J., Balli, J. E., Glass, J., Gonzalez, J. J., Bessler, M., Xie, H., Treat, et al
  2003; 17 (6): 972–78

- **Metastatic breast carcinoma to bone disguised by osteopoikilosis** *SKELETAL RADIOLOGY*
  Kennedy, J. G., Donahue, Aydin, H., Hoang, B. H., Huvos, A., Morris, C.
  2003; 32 (4): 240–43

- **Wound tensile strength and contraction rate are not affected by laparotomy or pneumoperitoneum** *SURGICAL ENDOSCOPY-ULTRASOUND AND INTERVENTIONAL TECHNIQUES*
  Wickens, J. C., Whelan, R. L., Allendorf, J. D., Donahue, J., Buxton, E., McKee, A., Panageas, K., Gleason, N., Lee, S., Bessler, M.
  1998; 12 (9): 1166–70

- **An in vitro model fails to demonstrate aerosolization of tumor cells** *SURGICAL ENDOSCOPY-ULTRASOUND AND INTERVENTIONAL TECHNIQUES*
  Sellers, G. J., Whelan, R. L., Allendorf, J. D., Gleason, N. R., Donahue, J., Laird, D., Bessler, M. D., Treat, M. R.
  1998; 12 (5): 436–39

- **Humeral Head Osteochondral Allograft Reconstruction with Arthroscopic Anterior Shoulder Stabilization at a Long-Term Follow-Up: A Case Report.** *JBJS case connector*
  Sochacki, K. R., Dillingham, M. F., Abrams, G. D., Sherman, S. L., Donahue, J. n.
  ; 10 (2): e0555