

Stanford

Thomas Jefferson Blumenfeld

Clinical Associate Professor, Orthopaedic Surgery

CLINICAL OFFICES

- **Stanford Orthopedic Surgery at Pleasanton**

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Bio

BIO

Dr. Blumenfeld is a board-certified, fellowship-trained orthopaedic surgeon with a clinical focus on primary and revision hip and knee joint replacement surgery. He is a clinical associate professor of orthopaedic surgery at Stanford University School of Medicine.

Dr. Blumenfeld has performed more than 4,000 knee and hip replacement procedures. His expert technique, comprehensive experience, and careful attention to detail enable him to excel at both first-time and revision procedures. Over the course of his career, he has achieved and maintained a complication rate well below the national average.

He listens empathetically to all patients, seeking to understand the impact their condition has on their daily activities. He prepares a personalized treatment plan that corresponds to the needs of each patient.

In every case, Dr. Blumenfeld's treatment goals are to help relieve pain, enhance function, and improve quality of life. He seeks to assure even firsttime patients that he is committed to helping them fully understand both their diagnosis and recommended treatment, as well as timeframe for recovery.

All patients follow-up at regular intervals for clinical and X-ray evaluations following surgery. Dr. Blumenfeld encourages patients to visit him at least once every two years for a preventive care evaluation.

In addition to delivering clinical care, Dr. Blumenfeld conducts extensive research. He has been a principal investigator on clinical trials of new hip replacement systems. He was also a clinical investigator testing a robotic surgical system for total hip arthroplasty procedures. The team that developed this breakthrough received the prestigious Computerworld Smithsonian Award for Innovation in the Arts and Sciences for Medicine. As a pioneer in robotic surgery, Dr. Blumenfeld selectively uses computer-aided navigation technology for planning and performing surgical procedures.

Most recently, Dr. Blumenfeld's research has focused on how to help surgeons reduce complication rates. He is actively investigating how the long term cost of hip and knee replacement procedures may vary depending on how early a patient is diagnosed and treated.

He has authored dozens of articles on advanced surgical techniques for hip and knee arthroplasty, new materials for surgical implants, prevention of surgery-related infection, and other topics. His work has appeared in publications including *Clinical Orthopaedics and Related Research*, *Journal of Arthroplasty*, the *Journal of Bone and Joint Surgery*, *Hip International*, and others. In addition to authoring book chapters on primary and revision hip replacement surgery, Dr. Blumenfeld has written a book that shares his perspective on managed care and physician-patient communication.

He serves on the editorial boards of the *Journal of Arthroplasty*, *Arthroplasty Today*, and *Clinical Orthopaedics and Related Research* and is CME editor for *Arthroplasty Today*. He has been a member of the Adult Reconstruction-Knee Program Subcommittee and Hip Program Subcommittee for the Annual Meeting of the American Academy of Orthopedic Surgeons.

Dr. Blumenfeld has given presentations on advances in joint replacement surgery at the American Association of Hip and Knee Surgeons Annual Meeting, American Academy of Orthopedic Surgeons Annual Meeting, and other conferences.

CLINICAL FOCUS

- Orthopaedic Surgery

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Orthopaedic Surgery

PROFESSIONAL EDUCATION

- Medical Education: Tufts University School of Medicine (1990) MA
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (1998)
- Fellowship: Sutter Medical Center - UC Davis (1996) CA
- Residency: Tufts Medical Center Orthopaedic Surgery Residency (1995) MA
- Internship: Santa Barbara Cottage Hospital (1991) CA