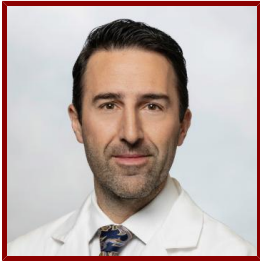


# Stanford

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## Raffi S. Avedian, MD

Associate Professor of Orthopaedic Surgery

### CLINICAL OFFICE (PRIMARY)

- **Orthopaedic Musculoskeletal Tumor Surgery**

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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## Bio

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### CLINICAL FOCUS

- Pediatric tumors
- Bone and soft tissue tumors
- Sarcomas
- Pelvic tumors
- Hip and knee reconstruction
- Orthopaedic Surgery

### ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Orthopaedic Surgery
- Member, Bio-X

### PROFESSIONAL EDUCATION

- Residency: UCSF Dept of Orthopedic Surgery (2007) CA
- Internship: UCSF Dept of General Surgery (2003) CA
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2011)
- Fellowship: Univ of Chicago - Pritzker School of Medicine (2008) IL
- Medical Education: University of Chicago Pritzker (2002) IL

### LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Feasibility of ExAblate MRI Guided High Intensity Focused Ultrasound Tx of Soft Tissue Tumors, Not Recruiting
- Incisional Negative Pressure Wound Therapy for Preoperatively Irradiated Lower Extremity Soft Tissue Sarcoma Wounds, Not Recruiting
- Phase 3 Study of Pexidartinib for Pigmented Villonodular Synovitis (PVNS) or Giant Cell Tumor of the Tendon Sheath (GCT-TS), Not Recruiting
- Safety and Efficacy Study of Treatment of Pathological Fractures in Humerus, Not Recruiting

### Publications

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#### PUBLICATIONS

- **Decoding the evolutionary landscape of soft tissue sarcomas: From multiregion origins to therapy-driven adaptation**  
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- **Survival of Proximal Tibial Endoprostheses Using Compressive Osseointegration: A Multi-Institution Retrospective Study.** *Journal of surgical oncology*  
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- **Outcomes of Oncovascular Reconstruction in Patients With Extremity Sarcomas**  
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- **Association of Histologic Subtype With Radiation Response and Survival Outcomes in Synovial Sarcoma** *ADVANCES IN RADIATION ONCOLOGY*  
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2025; 10 (3)
- **Association of Histologic Subtype With Radiation Response and Survival Outcomes in Synovial Sarcoma.** *Advances in radiation oncology*  
Matsui, J. K., Jackson, S., Fang, J., Mohler, D. G., Steffner, R. J., Avedian, R. S., Charville, G. W., Rijn, M. v., Million, L., Chin, A. L., Hiniker, S. M., Kalbasi, A., Moding, et al  
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- **FUNCTIONAL AND TOXICITY OUTCOMES OF RADIATION THERAPY FOR DUPUYTREN'S CONTRACTURE**  
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- **MR-guided focused ultrasound therapy of extra-abdominal desmoid tumors: a multicenter retrospective study of 105 patients.** *European radiology*  
Düx, D. M., Baal, J. D., Bitton, R., Chen, J., Brunsing, R. L., Sheth, V. R., Rosenberg, J., Kim, K., Ozhinsky, E., Avedian, R., Ganjoo, K., Bucknor, M., Dobrotwir, et al  
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- **Ferumoxytol magnetic resonance imaging detects joint and pleural infiltration of bone sarcomas in pediatric and young adult patients.** *Pediatric radiology*  
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