



Steven W. Thorpe, M.D., F.A.C.S., F.A.O.A.

Philosophy of Care

Dr. Thorpe strives to provide compassionate, evidence based care to all patients and their families. He works closely with a multidisciplinary team to provide expert coordinated care to patients with sarcoma and other tumors of the musculoskeletal system.

Clinical Interests

Dr. Thorpe is a fellowship trained orthopaedic surgical oncologist with expertise in bone and soft tissue sarcomas in both adult and pediatric patients. He specializes in limb sparing resections and reconstructions for bone and soft tissue sarcomas of the extremities. He also has expertise in the surgical management of metastatic bone tumors and benign bone and soft tissue tumors. Dr. Thorpe has particular interest in pediatric limb salvage procedures and surgical resections for malignant sarcoma of the pelvis.

Research/Academic Interests

Dr. Thorpe's research focuses on clinical and translational studies in the treatment of sarcoma. He is currently working on studies evaluating surgical margins and improving the quality of soft tissue sarcoma resections. Additionally, he partners with a bioengineering lab working with 3D models for the study of tumor formation and the development of metastasis in osteosarcoma.

Title Associate Professor

Specialty Sarcoma Surgery, Pediatric Orthopaedic Oncology, Orthopaedic Surgery - Orthopaedic Oncology

Department [Orthopaedic Surgery](#)
[Pediatrics](#)

Division [Musculoskeletal Oncology](#)
Orthopaedic Surgery
Pediatric Orthopaedics

Clinic Orthopaedic Clinic

Center/Program Affiliation [UC Davis Comprehensive Cancer Center](#)
[UC Davis Children's Hospital](#)

Address/Phone Lawrence J. Ellison Ambulatory Care Center, Orthopaedic Surgery Clinic, 4860 Y Street Suite 1700
Sacramento, CA 95817
Phone: 916-734-2700

UC Davis Comprehensive Cancer Center, 2279 45th Street Sacramento, CA 95817
Phone: 916-734-5959

Additional Phone Phone: Advice Nurse 916-734-4321
Physician Referrals: 800-4-UCDAVIS (800-482-3284)



Steven W. Thorpe, M.D., F.A.C.S., F.A.O.A.

Education	M.D., Vanderbilt University School of Medicine, Nashville TN 2007 B.S., United States Air Force Academy, Denver CO 2003
Residency	Orthopaedic Surgery, University of Pittsburgh Medical Center, Pittsburgh PA 2007-2012
Fellowships	Musculoskeletal Oncology, University of TX MD Anderson Cancer Center, Houston TX 2015-2016
Board Certifications	American Board of Orthopaedic Surgery California Medical License
Professional Memberships	American Academy of Orthopaedic Surgeons American College of Surgeons American Orthopaedic Association Connective Tissue Oncology Society International Society of Limb Salvage Musculoskeletal Tumor Society NCCN Bone Cancer Guidelines - Panel Member Society of Military Orthopaedic Surgeons Society of Surgical Oncology
Honors and Awards	Distinguished Graduate: United States Air Force Academy, 2003 Outstanding Graduating Cadet in Chemistry: United States Air Force Academy, 2003 Senior Author on "CD44 and Aldh1 Predict Oncologic Outcomes in Osteosarcoma": MSTS Annual Meeting 2nd place poster, 2019 Diamond Doc Award, recognizes physicians with exceptional patient care 2021, 2022
Select Recent Publications	Gingrich AA, Marrufo AS, Liu Y, Li CS, Darrow MA, Monjazebe AM, Thorpe SW, Canter RJ. Radiotherapy is Associated With Improved Survival in Patients With Synovial Sarcoma Undergoing Surgery: A National Cancer Database Analysis. J Surg Res, 2020 Nov;255:378-387. Alvarez E, Malogolowkin M, Pollock BH, Li Q, Johnston E, Marina N, Wun T, Thorpe SW, Keegan T. Impact of location of inpatient cancer care on patients with Ewing sarcoma and osteosarcoma—A population-based study. Pediatr Blood Cancer, e28998. Thai V, Griffin A, Thorpe SW, Randall R, Leach J. Tissue Engineered Platforms for Studying Primary and Metastatic Neoplasm Behavior in Bone. J Biomech. 2021;115:110189.



Steven W. Thorpe, M.D., F.A.C.S., F.A.O.A.

Jawad MU, Farhan SB, Haffner MR, Kreulen CD, Giza E, Thorpe SW, Randall RL . Malignant neoplasms originating from the bones of the foot: Predilection of hematological malignancies and sex-related and ethnic disparities in amputation. J Surg Oncol, Aug 5. doi: 10.1002/.

Jawad MU, Bayne CO, Farhan S, Haffner MR, Carr-Ascher J, Alvarez E, Thorpe SW, Randall RL. Prognostic factors, disparity, and equity variables impacting prognosis in bone sarcomas of the hand: SEER database review. J Surg Oncol, Aug 25. doi: 10.1002.

Salerno KE, Alektiar KM, Baldini EH, Bedi M, Bishop AJ, Bradfield L, Chung P, Delaney TF, Folpe A, Kane III JM, Li XA, Petersen I, Powell J, Stolten M, Thorpe SW, Trent JC, Voermans M, Guadagnolo BA. Radiation Therapy for Treatment of Soft Tissue Sarcoma in Adults: Executive Summary of an ASTRO Clinical Practice Guideline.

Jawad MU, Pollock BH, Alvarez E, Carr-Ascher JR, Randall RL, Thorpe SW. Non-Private Health Insurance predicts Advanced Stage at Presentation and Amputation in Lower Extremity High Grade Bone Sarcoma: A National Cancer Database Study. Annals of Surgical Oncology.

Saiz Jr. A, Gingrich A, Cnater R, Kirane A, Monjazebe A, Randall R, Thorpe SW. Role of Radiation Therapy in Adult Extraskkeletal Ewing's Sarcoma Patients Treated with Chemotherapy %26amp%3B Surgery. PMID: 31178655: Sarcoma, 2019

© 2024 UC Regents