Stanford

# Jessica Hooper, MD

Clinical Assistant Professor, Orthopaedic Surgery


**CLINICAL OFFICE (PRIMARY)**

- **Orthopaedic Surgery Clinic**

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- **Alternate Contact**

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## Bio

### BIO

Dr. Hooper is a board-certified, fellowship-trained Orthopaedic surgeon specializing in hip and knee joint replacement surgery. She is a clinical assistant professor at Stanford University School of Medicine and heads the outpatient joint replacement program at the Stanford Outpatient Surgery Center in Redwood City.

A Bay Area native, Dr. Hooper attended college at UCLA, where she worked as a student athletic trainer for the football and women's gymnastics teams. She went to medical school at the Michigan State University College of Human Medicine and was named a member of the Alpha Omega Alpha medical honor society. She completed Orthopedic residency training at the prestigious New York University Hospital for Joint Diseases in Manhattan. In residency, she mentored local female high school students interested in STEM as part of the Perry Initiative program, worked with local surgeons in Port-au-Prince, Haiti, and received excellent training in all facets of Orthopaedic surgery and patient care. She then completed a fellowship at Stanford University, where she obtained additional training in hip and knee joint replacement. She is motivated by the dramatic improvements in quality of life that patients experience after surgery and is passionate about helping her patients return to the activities that matter most to them. She began her practice at Kaiser Permanente, where she gained experience in safe and effective management of same-day total joint replacement patients.

Dr. Hooper performs a full range of Orthopaedic procedures to treat injures and conditions related to hip and knee degenerative conditions, such as arthritis, avascular necrosis, and post-traumatic injuries. Dr. Hooper will help her patients first explore nonsurgical treatments and may recommend surgery once activities of daily living have been significantly affected. She specializes in tissue-sparing surgical techniques, including anterior approach total hip replacement, and performs hundreds of hip and knee replacements annually. She believes that less muscle disruption enables an easier patient recovery. Dr. Hooper also uses robotic navigation during knee replacement surgery to optimize outcomes. She views each of her patients as individuals; she takes the time to understand their unique goals and adjust treatment plans accordingly.

Dr. Hooper has written articles and book chapters on a variety of topics related to techniques, technologies, and outcomes in joint replacement surgery. She has given presentations on her research at national meetings for the American Association of Hip and Knee Surgeons and American Academy of

Orthopaedic Surgeons. She was also the recipient of the 2018 American Association of Hip and Knee Surgeons FARE grant for her work on the use of virtual reality as a teaching tool for residents learning total hip replacement.

Dr. Hooper is a member of the American Academy of Hip and Knee Surgeons, the American Academy of Orthopaedic Surgeons, and the Ruth Jackson Orthopaedic Society for female surgeons.

### CLINICAL FOCUS

- Total Joint Replacement
- Outpatient Joint Replacement Surgery
- Total Hip Replacement
- Total Knee Replacement
- Partial Knee Replacement
- Revision, Joint
- Adult Reconstructive Orthopedic Surgery

### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Orthopaedic Surgery

### PROFESSIONAL EDUCATION

- Medical Education: Michigan State University College of Human Medicine (2014) MI
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2022)
- Fellowship: Stanford University Orthopaedics (2020) CA
- Residency: NYU Langone Medical Center Orthopaedic Residency (2019) NY

## Publications

### PUBLICATIONS

- **Variable Axial Rotation is Needed to Achieve a Balanced Flexion Gap in Total Knee Arthroplasty.** *Journal of surgical orthopaedic advances*
  Hooper, J. M., Lawson, K. A., Amanatullah, D. F., Dipl Ing, C. M., Dipl Ing, L. D., Huddleston, J. I.
  2025; 34 (4): 193-195
- **Variable Axial Rotation is Needed to Achieve a Balanced Flexion Gap in Total Knee Arthroplasty.** *Journal of surgical orthopaedic advances*
  Hooper, J. M., Lawson, K. A., Amanatullah, D. F., Dipl Ing, C. M., Dipl Ing, L. D., Huddleston, J. I.
  2025; 34 (4): 193-195
- **Opioid Use After Robotic-Assisted Versus Conventional Total Hip Arthroplasty: A National Database Analysis** *ORTHOPEDICS*
  Zhuang, T., Young, B., Hooper, J., Amanatullah, D. F., Shapiro, L., Kamal, R. N.
  2024; 47 (5): 289-+
- **Articulating vs Static Spacers for Native Knee Infection in the Setting of Degenerative Joint Disease.** *Arthroplasty today*
  Hooper, J., Arora, P., Kappagoda, S., Huddleston, J. I., Goodman, S. B., Amanatullah, D. F.
  2021; 8: 138–44
- **Choroid structure analysis following initiation of hemodialysis by using swept-source optical coherence tomography in patients with and without diabetes.** *PloS one*
  Nakano, H., Hasebe, H., Murakami, K., Cho, H., Kondo, D., Iino, N., Fukuchi, T.
  2020; 15 (9): e0239072
- **Ninety-day Postoperative Narcotic Use After Hospitalization for Orthopaedic Trauma.** *The Journal of the American Academy of Orthopaedic Surgeons*
  Fisher, N., Hooper, J., Bess, S., Konda, S., Leucht, P., Egol, K. A.

2020; 28 (13): e560-e565

- **The Role of the Hindfoot in Total Knee Arthroplasty Alignment.** *Bulletin of the Hospital for Joint Disease (2013)*
  Hooper, J., Rozell, J., Walker, P. S., Schwarzkopf, R.
  2020; 78 (1): 65-73
- **Female Pioneers in Orthopedic Surgery** *ORTHOPEDICS*
  Lajam, C. M., Santiesteban, L., Hooper, J.
  2020; 43 (2): 74
- **Periacetabular osteotomy using an imageless computer-assisted navigation system: a new surgical technique** *JOURNAL OF HIP PRESERVATION SURGERY*
  Hooper, J. M., Mays, R. R., Poultsides, L. A., Castaneda, P. G., Muir, J. M., Kamath, A. F.
  2019; 6 (4): 426-431
- **Virtual Reality Simulation Facilitates Resident Training in Total Hip Arthroplasty: A Randomized Controlled Trial.** *The Journal of arthroplasty*
  Hooper, J., Tsiridis, E., Feng, J. E., Schwarzkopf, R., Waren, D., Long, W. J., Poultsides, L., Macaulay, W.
  2019; 34 (10): 2278-2283
- **Total joint arthroplasty in the public hospitals of Port-au-Prince, Haiti: our experience.** *Arthroplasty today*
  Hooper, J., Israelski, R. H., Schwarzkopf, R.
  2019; 5 (3): 376-379
- **What's Important: Women Trailblazers in Orthopaedics: Marian Frauenthal Sloane, MD-Ahead of Her Time.** *The Journal of bone and joint surgery. American volume*
  Hooper, J. M., Santiesteban, L., Levin, A., Lajam, C. M.
  2019; 101 (11): 1037-1038
- **Low rates of renal injury in total joint arthroplasty patients without pre-existing renal disease.** *Arthroplasty today*
  Hooper, J. M., Kester, B. S., Schwarzkopf, R.
  2018; 4 (4): 457-458
- **Biomechanical Implications of an Oblique Knee Joint Line.** *The journal of knee surgery*
  Hooper, J. M., Walker, P., Hsu, T. T., Kurtz, A., Reynolds, R., Hennessy, D., Chu, A.
  2018; 31 (8): 761-766
- **The Role of Bariatric Surgery in the Obese Total Joint Arthroplasty Patient.** *The Orthopedic clinics of North America*
  Hooper, J. M., Deshmukh, A. J., Schwarzkopf, R.
  2018; 49 (3): 297-306
- **Bariatric Surgery and Time to Total Joint Arthroplasty: Does It Affect Readmission and Complication Rates?** *Obesity surgery*
  Schwarzkopf, R., Lavery, J. A., Hooper, J., Parikh, M., Gold, H. T.
  2018; 28 (5): 1395-1401
- **Outpatient Total Joint Arthroplasty.** *Current reviews in musculoskeletal medicine*
  Bert, J. M., Hooper, J., Moen, S.
  2017; 10 (4): 567-574
- **Additional Tools to Prevent Blood Loss in Total Joint Arthroplasty** *TECHNIQUES IN ORTHOPAEDICS*
  Hooper, J., Schwarzkopf, R.
  2017; 32 (1): 34-40
- **Anterior Cruciate Ligament Injuries in Females: Risk Factors, Prevention, and Outcome.** *Bulletin of the Hospital for Joint Disease (2013)*
  Gould, S., Hooper, J., Strauss, E.
  2016; 74 (1): 46-51