



Derek F. Amanatullah, M.D., Ph.D.

Associate Professor of Orthopaedic Surgery

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Joint Replacement Center**

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Redwood City, CA 94063

Tel (650) 723-5643 **Fax** (650) 721-3406

ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Katrina Souza - Administrative Associate

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Bio

BIO

Derek F. Amanatullah, M.D., Ph.D., is an internationally recognized expert in hip and knee replacement. He helps patients with advanced arthritis and complex joint problems regain mobility and confidence. In addition to primary hip and knee replacements, he is frequently sought out for difficult revision surgeries, often fixing complications such as infection, instability, or persistent pain from prior procedures.

Dr. Amanatullah focuses on what truly lowers surgical risk: the skill, preparation, and coordination of the surgical team. He believes patients deserve care that relies on evidence and expert technique rather than placing the burden solely on weight or other patient factors. This patient-centered approach was highlighted by The New York Times.

As a researcher, he discovered an important new way certain infections can remain “hidden” in the body, shaping how surgeons diagnose and treat joint infections. His impact on the field earned him induction into The Knee Society, an honor held by fewer than 200 surgeons worldwide. Patients choose Dr. Amanatullah for his precision, innovation, and commitment to providing the safest, most effective joint care possible.

CLINICAL FOCUS

- Adult Reconstructive Orthopedic Surgery

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Orthopaedic Surgery
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance

HONORS AND AWARDS

- Transplantation and Infection, Stanford Medicine: Institute of Immunity (**June 2017)
- BioDesign Faculty Fellowship, Stanford University (**January 2017)

- Traveling Fellowship, The Hip Society Rothman-Ranawat (**March 2016)
- Young Investigators Initiative Program, U.S. Bone and Joint Initiative (November 2017)
- Blue Ribbon Award, Orthopedics (December 2016)
- Blue Ribbon Award, Orthopedics (November 2016)
- Poster Award, Western Orthopaedics Association (September 2016)
- Young Investigator Award, Western Orthopaedics Association (September 2016)
- AAOS Representative, National Obesity Collaborative Summit (September 2015)
- Emerging Leader, American Orthopaedic Association (September 2015)
- New Investigator Workshop, Orthopaedic Research Society (May 2014)
- Young Investigator Research Symposium, Mayo Clinic (March 2014)
- Foundation Scholarship, Current Concepts in Joint Replacement (December 2013)
- Presentation Award, International Society for Technology in Arthroplasty (October 2013)
- Sanford and Darlene Anzel Award, Western Orthopaedic Association (June 2012)
- Traveling Clinical Scientist Program, International Cartilage Research Society-Stryker (May 2012)
- Lloyd W. Taylor Resident Award, California Orthopaedic Association (April 2012)
- Vernon Thompson Award, Western Orthopaedic Association (July 2011)
- J. Harold LaBriola Resident Award, California Orthopaedic Association (May 2011)
- Clinical Scientist Development Program, American Academy of Orthopaedic Surgeons (October 2010)
- Residents and Fellows Traveling Scholarship, American Society for Surgery of the Hand (October 2010)
- Francis W. Noel Award, University of California – Davis (April 2010)
- J. Harold LaBriola Resident Award, California Orthopaedic Association (April 2010)
- Northern California Chapter, Resident Award, Western Orthopaedic Association (April 2010)
- Orthopaedic Research Fellowship, Dr. Denny and Jeanene Dickenson (July 2009 – June 2010)
- Medical Scientist Training Program, Albert Einstein College of Medicine (July 1998 – June 2007)
- Moore Scholarship, Alpha Epsilon Delta (November 1998)
- Cancer Research Training Program, National Cancer Institute (June 1998)
- Cancer Research Training Program, National Cancer Institute (June 1996)
- Academic Excellence in Biomedical Engineering Award, Fred S. Grodins (April 1998)
- Magna Cum Laude, University of Southern California (April 1998)
- Order of the Laurel, University of Southern California (April 1998)
- Order of the Palm, University of Southern California (April 1998)
- Outstanding Achievement in Leadership Award, Engineering Alumni Association (April 1998)
- Dean's List, University of Southern California (August 1994 - May 1998)
- Dean's Scholarship, University of Southern California (August 1994 - May 1998)
- Engineering Honor Society, W.V.T. Rusch (August 1994 - May 1998)
- Golden State Scholarship, University of Southern California (August 1994 - May 1998)
- Cancer Research Training Program, National Cancer Institute (June 1997)
- Academic Honors Award, Phi Kappa Phi (February 1996)
- Trojan Alumni Scholarship, University of Southern California Alumni Association (August 1994)

- Valedictorian, Pinewood High School (May 1994)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, International Cartilage Research Society (2011 - present)
- Member, Orthopaedic Research Society (2010 - present)
- Candidate Member, American Academy of Hip and Knee Surgeons (2010 - present)
- Resident Member, California Orthopaedic Association (2007 - present)
- Resident Member, American Academy of Orthopaedic Surgery (2007 - present)
- Member, American Medical Association (1998 - present)
- Member, University of Southern California, General Alumni Association (1998 - present)
- Member, University of Southern California, Skull and Dagger Society (1998 - present)
- Lifetime Member, Phi Kappa Phi All-University National Honor Society (1998 - present)
- Member, Mortar Board National Honor Society (1997 - present)
- Member, Tau Beta Pi Engineering Honor Society (1997 - present)

PROFESSIONAL EDUCATION

- Fellowship: Mayo Clinic Rochester (2014) MN
- Medical Education: Albert Einstein College of Medicine (2007) NY
- Fellowship, Stanford University , BioDesign (2017)
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (2016)
- Residency: University of California Davis Medical Center (2013) CA
- Internship: University of California Davis Medical Center (2008) CA
- Fellowship, Mayo Clinic , Lower Extremity Adult Reconstruction (2014)
- International Fellowship, University Hospitals Coventry and Warwickshire , Lower Extremity Adult Reconstruction (2013)
- Residency, University of California – Davis Medical Center , Orthopaedic Surgery (2013)
- Traveling Fellowship, International Cartilage Repair Society , Cartilage Regeneration (2012)
- Doctor, Albert Einstein College of Medicine of Yeshiva University , Medicine (2007)
- Doctor, Albert Einstein College of Medicine of Yeshiva University , Philosophy in Cell Biology (2007)
- Master of Science, Albert Einstein College of Medicine of Yeshiva University , Developmental and Molecular Biology (2001)
- Bachelor of Science, University of Southern California , Biomedical Engineering (1998)

LINKS

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

Research & Scholarship

CLINICAL TRIALS

- Study in Patients Undergoing Debridement, Antibiotics, and Implant Retention (DAIR) for Treatment of a Periprosthetic Joint Infection (PJI) Occurring After Total Knee Arthroplasty (TKA), Not Recruiting

Teaching

STANFORD ADVISEES

Med Scholar Project Advisor

Muzzammil Ahmadzada

Doctoral (Program)

Jeongyeon Kim

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Adult Reconstruction (Fellowship Program)

Publications

PUBLICATIONS

- **The presence of persistent synovial inflammation after "Eradication" unmasks the "Unseen" dormant state of infection allowing the prediction of infection free survival in total joint replacements.** *Journal of translational medicine*
Manasherob, R., Warren, S. I., Flanagan, C. M., Arora, P., Heo, L., Moore, C. J., Chow, S. K., Otieno-Ayayo, Z. N., Furukawa, D., Maloney, W. J., Lowenberg, D. W., Goodman, S. B., Amanatullah, et al
2025; 23 (1): 1392
- **Circulating Bacteriophage DNA Distinguishes Staphylococcal Infection from Commensal Colonization.** *The Journal of arthroplasty*
Manasherob, R., Furukawa, D., Haddock, N. L., Chang, T. H., Hargil, A., Arora, P., Banaei, N., Maloney, W. J., Bollyky, P. L., Amanatullah, D. F.
2025
- **Optimized Dosing and Delivery of Bacteriophage Therapy for Chronic Wound Infections**
Lin, Y., Dharmaraj, T., Chen, Q., Echterhof, A., Zhang, L. J., Chang, T., Pourtois, J., Liuew, C., Li, Z., Hajfathalian, M., Blankenberg, F. G., Amanatullah, D., Chaudhuri, et al
WILEY.2025
- **The mononuclear phagocyte system obscures the accurate diagnosis of infected joint replacements.** *Journal of translational medicine*
Manasherob, R., Warren, S. I., Arora, P., Heo, L., Haddock, N. L., Koliesnik, I., Furukawa, D., Otieno-Ayayo, Z. N., Maloney, W. J., Lowenberg, D. W., Goodman, S. B., Amanatullah, D. F.
2024; 22 (1): 1041
- **Host and Microbial Characteristics Associated with Recurrent Prosthetic Joint Infections.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Hampton, J. P., Zhou, J. Y., Kameni, F. N., Espiritu, J. R., Manasherob, R., Cheung, E., Miller, M. D., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2023
- **Is Operative Time Associated With Obesity-related Outcomes in TKA?** *Clinical orthopaedics and related research*
Abella, M. K., Angeles, J. P., Finlay, A. K., Amanatullah, D. F.
2023
- **Selecting a High-dose Antibiotic-laden Cement Knee Spacer.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Hollyer, I., Ivanov, D., Kappagoda, S., Lowenberg, D. W., Goodman, S. B., Amanatullah, D. F.
2023
- **Does Operative Time Modify Obesity-related Outcomes in THA?** *Clinical orthopaedics and related research*
Abella, M. K., Angeles, J. P., Finlay, A. K., Amanatullah, D. F.
2023
- **Immune checkpoint upregulation in periprosthetic joint infection.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Warren, S. I., Charville, G. W., Manasherob, R., Amanatullah, D. F.

2022

- **Migration Patterns for Revision Total Knee Arthroplasty in the United States as Reported in the American Joint Replacement Registry.** *The Journal of arthroplasty*
Lawson, K. A., Chen, A. F., Springer, B. D., Illgen, R. L., Lewallen, D. G., Huddleston, J. I., Amanatullah, D. F.
2021
- **Tolerant Small-colony Variants Form Prior to Resistance Within a Staphylococcus aureus Biofilm Based on Antibiotic Selective Pressure.** *Clinical orthopaedics and related research*
Manasherob, R. n., Mooney, J. A., Lowenberg, D. W., Bollyky, P. L., Amanatullah, D. F.
2021
- **The routine use of synovial alpha-defensin is not necessary.** *The bone & joint journal*
Amanatullah, D. F., Cheng, R. Z., Huddleston Iii, J. I., Maloney, W. J., Finlay, A. K., Kappagoda, S. n., Suh, G. A., Goodman, S. B.
2020; 102-B (5): 593–99
- **Surgery Before Subspecialty Referral for Periprosthetic Knee Infection Reduces the Likelihood of Infection Control.** *Clinical orthopaedics and related research*
Song, S. Y., Goodman, S. B., Suh, G., Finlay, A. K., Huddleston, J. I., Maloney, W. J., Amanatullah, D. F.
2018
- **Elevated Body Mass Index Is Associated With Early Total Knee Revision for Infection** *JOURNAL OF ARTHROPLASTY*
Electricwala, A. J., Jethanandani, R. G., Narkbunnam, R., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2017; 32 (1): 252-255
- **Fear and the Adoption of Technology in Total Hip Arthroplasty.** *The Journal of arthroplasty*
Blumenfeld, T. J., Fitzsimmons, L. E., Goodman, S. B., Amanatullah, D. F.
2026
- **Comorbidities Affect the Racial Disparities in the Incidence of Periprosthetic Joint Infection after Total Knee Arthroplasty.** *The Journal of arthroplasty*
Furukawa, D., Pike, C. W., Hui, G., Coyle, J., Amanatullah, D. F.
2026
- **Defining Expanded Episode-Based Surgical Quality Measurement.** *JAMA network open*
Mott, N. M., Benitez, T. M., Connochie, D. M., Klamerus, M. L., Bernstein, S. J., Kerr, E. A., Ibrahim, A. M., Harris, A. H., Rosen, A. K., Howard, R. A., Meddings, J. A., Klag, E. A., Laidlaw, et al
2026; 9 (4): e266176
- **Reply to Letter to the Editor on "Patients Who Have Limited English Proficiency Are More Likely to Receive Elective Total Joint Arthroplasty".** *The Journal of arthroplasty*
Angeles, J. P., Abella, M. K., McGovern, A. G., Espiritu, J. R., Bankston, M. E., Arora, P., Koltsov, J. C., Finlay, A. K., Giori, N. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, et al
2026; 41 (3): e22-e23
- **The Impact of a Lightweight Pneumatic Robotic Knee Wearable on Gait.** *Case reports in orthopedics*
Lee, J. J., Lyons, S., Arora, P., Morgan, J. J., Chan, S., Amanatullah, D. F.
2026; 2026: 7160005
- **Synovial fluid α -defensin might be false positive in early stages after major total arthroplasty revision surgery** *JOURNAL OF BONE AND JOINT INFECTION*
Mrutyunjaya, S., Banta, W. A., Espiritu, J. R. B., Amanatullah, D. F.
2026; 11 (1): 1-4
- **Synovial fluid α -defensin might be false positive in early stages after major total arthroplasty revision surgery.** *Journal of bone and joint infection*
Mrutyunjaya, S., Banta, W. A., Espiritu, J. R., Amanatullah, D. F.
2026; 11 (1): 1-4
- **Avoiding a Proximal Femoral Replacement During the Management of a Critical-Sized Subtrochanteric Bone Defect** *CASE REPORTS IN ORTHOPEDICS*
Mrutyunjaya, S., Amanatullah, D. F.

2026; 2026 (1)

- **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
- **Modern Plasma Medicine and Orthopaedic Surgery: A Brief History and Outlook** *SURGICAL TECHNOLOGY INTERNATIONAL-INTERNATIONAL DEVELOPMENTS IN SURGERY AND SURGICAL RESEARCH*
Korth, M., Manasherob, R., Mrutyunjaya, S., Bala, A., Indelli, P. F., Giori, N. J., Amanatullah, D. F.
2025; 45
- **Socioeconomic Deprivation and Outcomes After Total Joint Arthroplasty: An Analysis of the American Joint Replacement Registry Using the Area Deprivation Index.** *The Journal of arthroplasty*
Zalikha, L., Amanatullah, D. F., Jahan, M., Donnelly, P., Cohen, E. M., El-Othmani, M. M.
2025
- **Diagnosing Flexion Laxity after Knee Arthroplasty Using the "Hanging" Clunk Test and the Standard-to-Hanging Lateral Difference.** *The Journal of arthroplasty*
Blumenfeld, T. J., Bargar, W. L., Amanatullah, D. F.
2025
- **2025 ICM: Two-Stage.** *The Journal of arthroplasty*
Elhence, A., Böhler, C., Kolhoff, F., Fraval, A., Sharma, R. K., Belden, K., Aggarwal, V. K., Amanatullah, D., Ascione, T., Atilla, B., Bozhkova, S. A., Daniliyants, A., De Meo, et al
2025
- **2025 ICM: Risk Factors for Surgical Site Infection (SSI)/Periprosthetic Joint Infection (PJI).** *The Journal of arthroplasty*
Heckmann, N., Hoveidaei, A. H., Javad Mortazavi, S. M., Ahmed, S. O., Enayatollahi, M., Rezaie, A. A., Salles, M. J., Abbas, A. A., Aggarwal, V. K., Amanatullah, D. F., Atilla, B., Barsoum, W., Benito, et al
2025
- **A Complete Infrapatellar Fat Pad Resection is Associated with New Postoperative Patella Baja and Persistent Pain, but a Lower Risk of Manipulation Under Anesthesia after Primary Total Knee Arthroplasty.** *The Journal of arthroplasty*
Young, B., McGovern, A., Tantikosol, P., Sodhi, N., Koltsov, J. C., Wong, H. J., Maloney, W. J., Amanatullah, D. F.
2025
- **Total hip arthroplasty for diffuse skeletal fluorosis.** *BMJ case reports*
Chang, T., Steven, K. J., Charville, G., Amanatullah, D. F.
2025; 18 (10)
- **Preoperative Knee Templating Accuracy Does Not Predict Radiographic or Clinical Outcome in Total Knee Arthroplasty** *ORTHOPEDICS*
Mrutyunjaya, S., Bosch, L. C., Bonano, J. C., Pham, N. S., Hwang, K., Goodman, S. B., Amanatullah, D. F.
2025; 48 (5): e215-e219
- **Patients Who Have Limited English Proficiency are More Likely to Receive Elective Total Joint Arthroplasty.** *The Journal of arthroplasty*
Angeles, J. P., Abella, M. K., McGovern, A. G., Espiritu, J. R., Bankston, M., Arora, P., Koltsov, J. C., Finlay, A. K., Giori, N. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, et al
2025
- **High Prophage Count in Staphylococcus Periprosthetic Joint Infection is Associated with an Increase in Antibiotic Resistance Genes.** *The Journal of arthroplasty*
Chang, T. H., Manasherob, R., Mrutyunjaya, S., Pourtois, J. D., Hargil, A., Hong, T. S., Arora, P., Haddock, N. L., Furkuawa, D., Amanatullah, D. F.
2025
- **Local Antibiotic Delivery in Orthopedics: Review of Current Practices and Emerging Technologies.** *Infectious disease clinics of North America*
Aronson, J. R., Justo, J. A., Amanatullah, D. F.
2025
- **Lumbar Fusion and Decompression in American Indian, Alaskan Native, Native Hawaiian, and Pacific Islander Populations: Healthcare Disparities in Spine Surgery.** *Cureus*
Khan, M. F., Patel, S., Putzler, D. H., Albert, A. N., Khan, H. I., Gensler, R. T., Abella, M., Hayashi, J., Paulo, F. O., Gendreau, J. L., Bow-Keola, J., Finlay, A., Amanatullah, et al

2025; 17 (3): e81409

- **Infusion of young donor plasma components in older patients modifies the immune and inflammatory response to surgical tissue injury: a randomized clinical trial.** *Journal of translational medicine*
Gaudilliere, B., Xue, L., Tsai, A. S., Gao, X., McAllister, T. N., Tingle, M., Porras, G., Feinstein, I., Feyaerts, D., Verdonk, F., Sabayev, M., Hedou, J., Ganio, et al
2025; 23 (1): 183
- **Prophages are infrequently associated with antibiotic resistance in *Pseudomonas aeruginosa* clinical isolates.** *mSphere*
Chang, T. H., Pourtois, J. D., Haddock, N. L., Furukawa, D., Kelly, K. E., Amanatullah, D. F., Burgener, E., Milla, C., Banaei, N., Bollyky, P. L.
2025: e0090424
- **Recommending Surgery Increases Patient Satisfaction with Arthroplasty Surgeons.** *The Journal of arthroplasty*
Murrietta, A. J., Bonano, J. C., Finlay, A. K., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2025
- **Time-dependent, patient-centered perceptions of quality measures for total joint arthroplasty: a cross-sectional, choice modeling study.** *BMC musculoskeletal disorders*
Lemos, J. L., Welch, J. M., Amanatullah, D. F., Shapiro, L. M., Harris, A. H., Kamal, R. N.
2025; 26 (1): 41
- **Computer Navigated Unicompartmental Knee Arthroplasty is Reimbursed Less than Conventional Methods While Improving Component Alignment.** *Journal of surgical orthopaedic advances*
Bonano, J. C., Bala, A., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2025; 34 (4): 188-192
- **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
- **Modern Plasma Medicine and Orthopaedic Surgery: A Brief History and Outlook.** *Surgical technology international*
Korth, M. J., Manasherob, R., Mrutyunjaya, S., Bala, A., Indelli, P. F., Giori, N. J., Amanatullah, D. F.
2024; 45
- **Implementing Oral Antibiotics for Bone and Joint Infections: Lessons Learned and Opportunities for Improvement.** *Open forum infectious diseases*
Hawkins, M. R., Thottacherry, E., Juthani, P., Aronson, J., Chang, A., Amanatullah, D. F., Markovits, J., Shen, S., Holubar, M., Andrews, J. R., Parsonnet, J., Furukawa, D.
2024; 11 (12): ofae683
- **Does Discussing Patient-reported Outcome Measures Increase Pain Self-efficacy at an Orthopaedic Visit? A Prospective, Sequential, Comparative Series.** *Clinical orthopaedics and related research*
Schultz, E. A., Gomez, G. I., Gardner, M. J., Hu, S. S., Safran, M., Amanatullah, D. F., Shapiro, L. M., Kamal, R. N.
2024
- **Detection of Synchronous Foci of Infection using Positron Emission Tomography in Septic Patients Who Have a Periprosthetic Joint Infection.** *The Journal of arthroplasty*
Reinhard, J., Heidemanns, S., Rupp, M., Walter, N., Amanatullah, D. F., Dirk, H., Alt, V.
2024
- **The contribution of neutrophils to bacteriophage clearance and pharmacokinetics in vivo.** *JCI insight*
Echterhof, A., Dharmaraj, T., Khosravi, A., McBride, R., Miesel, L., Chia, J., Blankenberg, P. M., Lin, K., Shen, C., Lee, Y., Yeh, Y., Liao, W. T., Blankenberg, et al
2024; 9 (20)
- **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+
- **Current Use of Patient-Reported Outcome Measures Ignores Functional Demand.** *The Journal of the American Academy of Orthopaedic Surgeons*

- Kamal, R. N., Gomez, G., Chakraborty, A., Leversedge, C., Amanatullah, D. F., Chou, L., Gardner, M. J., Hu, S. S., Safran, M., Zhuang, T., Shapiro, L. M.
2024
- **Health Numeracy Is Associated With a Patient's Ability to Interpret Patient-Reported Outcome Measures Data.** *Orthopedics*
Schultz, E. A., Eppler, S. L., Gardner, M., Hu, S. S., Chou, L., Safran, M., Amanatullah, D. F., Abrams, G. D., Shapiro, L. M., Kamal, R. N.
2024: 1-6
 - **The Influence of an Unexpected Symbolic Gift on Postoperative Arthroplasty Patients' Press Ganey Scores.** *The Journal of arthroplasty*
Lee, J. J., Mitchell, A. R., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2024
 - **Remote Summer Research Program to Improve Opportunity and Mentorship for Underrepresented Students With Interest in Orthopaedic Surgery: 3-Year Experiences.** *The Journal of the American Academy of Orthopaedic Surgeons*
Klemm, C., Amanatullah, D. F., Gardner, M. J., Frick, S., Jobanputra, A., Shea, K.
2024
 - **Performing region-specific tasks does not improve lower extremity patient-reported outcome scores.** *Arthroplasty (London, England)*
Korth, M. J., Banta, W. A., Arora, P., Kamal, R. N., Amanatullah, D. F.
2024; 6 (1): 42
 - **Pain Self-Efficacy Can Improve During a Visit With an Orthopedic Surgeon** *ORTHOPEDICS*
Lemos, J. L., Gomez, G. I., Tewari, P., Amanatullah, D. F., Chou, L., Gardner, M. J., Hu, S., Safran, M., Kamal, R. N.
2024; 47 (4): e197-e203
 - **A balance focused biometric does not predict rehabilitation needs and outcomes following total knee arthroplasty.** *BMC musculoskeletal disorders*
Lee, J. J., Arora, P., Finlay, A. K., Amanatullah, D. F.
2024; 25 (1): 473
 - **No differences in outcomes with stopping or continuing antibiotic suppression in periprosthetic joint infections** *JOURNAL OF BONE AND JOINT INFECTION*
Furukawa, D., Dunning, M., Shen, S., Chang, A., Aronson, J., Amanatullah, D. F., Suh, G. A., Kappagoda, S.
2024; 9 (3): 143-148
 - **No differences in outcomes with stopping or continuing antibiotic suppression in periprosthetic joint infections.** *Journal of bone and joint infection*
Furukawa, D., Dunning, M., Shen, S., Chang, A., Aronson, J., Amanatullah, D. F., Suh, G. A., Kappagoda, S.
2024; 9 (3): 143-148
 - **Hydrogels for Local and Sustained Delivery of Bacteriophages to Treat Multidrug-Resistant Wound Infections.** *bioRxiv : the preprint server for biology*
Lin, Y. H., Dharmaraj, T., Chen, Q., Echterhof, A., Manasherob, R., Zheng, L. J., de Leeuw, C., Peterson, N. A., Stannard, W., Li, Z., Hajfathalian, M., Hargill, A., Martinez, et al
2024
 - **The outcome of revision total hip arthroplasty for instability.** *The bone & joint journal*
Apinyankul, R., Hong, C., Hwang, K. L., Burket Koltsov, J. C., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2024; 106-B (5 Supple B): 105-111
 - **An Inclusive Analysis of Racial and Ethnic Disparities in Orthopedic Surgery Outcomes** *ORTHOPEDICS*
Abella, M. L., Thorne, T., Hayashi, J., Finlay, A. K., Frick, S., Amanatullah, D. F.
2024; 47 (3): e131-e138
 - **Detecting Contamination Events during Robotic Total Joint Arthroplasty.** *American journal of infection control*
Lee, J. J., Oladeji, K., Finlay, A. K., Manasherob, R., Amanatullah, D. F.
2024
 - **The PJI-TNM classification for periprosthetic joint infections.** *Bone & joint research*
Baertl, S., Rupp, M., Kerschbaum, M., Morgenstern, M., Baumann, F., Pfeifer, C., Worlicek, M., Popp, D., Amanatullah, D. F., Alt, V.
2024; 13 (1): 19-27

- **Does Discussing Patient-reported Outcome Measures Increase Pain Self-efficacy at an Orthopaedic Visit? A Prospective, Sequential, Comparative Series** *Does Discussing Patient-reported Outcome Measures Increase Pain Self-efficacy at an Orthopaedic Visit? A Prospective, Sequential, Comparative Series*
Schultz, E. A., Gomez, G. I., Gardner, M., Hu, S., Safran, M., Amanatullah, D., Shapiro, L. M., Kamal, R. N.
2024
- **An External Acetabular Alignment Guide Decreases Positional Variance.** *Surgical technology international*
Wadhwa, H., Warren, S. I., Oladeji, K., Finlay, A. K., Huddleston, J. I., Amanatullah, D. F.
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PRESENTATIONS

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- Total Knee Arthroplasty after Lower Extremity Amputation - International Congress for Joint Replacement (July 2014)
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System, - International Congress for Joint Replacement (July 2014)
- Total Hip Arthroplasty after Lower Extremity Amputation - International Congress for Joint Replacement (7/14/2014 - 7/14/2014)
- Non-Oncologic Total Femoral Replacement: Retrospective Review - International Congress for Joint Replacement
- Total Hip Arthroplasty for Developmental Dysplasia of the Hip in Down Syndrome - International Congress for Joint Replacement
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - International Congress for Joint Replacement
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- Total Hip after Periacetabular Osteotomy - Young Investigator Research Symposium
- Mayo Clinic Total Joint Registry, - University of California, Davis Grand Rounds
- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee, - International Society of Technology in Arthroplasty
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- An Additional Financial Burden On The Orthopedic Trauma Surgery Service at a Level I Trauma Center: When Our County Will Longer Pay for Services Rendered, - Western Orthopaedic Association
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- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - Orthopaedic Research Society
- Management of Articular Cartilage Defects, - University of California, Davis Grand Rounds
- Metal Wear: Generation, Biology, and Management, - University of California, Davis Grand Rounds
- Sanford and Darlene Anzel Award: Calcium Phosphate Cement and Locking Plate Augmentation for Distal Femoral Defects, - Western Orthopaedic Association
- Identification of the Landmark Registration Safe Zones during Total Knee Arthroplasty Using an Imageless Navigation System - International Congress for Joint Replacement
- Biomechanical Properties of Distal Femoral Defects, - Western Orthopaedic Association
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Traveling Clinical Scientist Program: Monitoring COMP Expression during Articular Chondrocyte Compression, - International Cartilage Repair Society
- Lloyd W. Taylor Award: Biomechanical Properties of Distal Femoral Defects, - California Orthopaedic Association
- Differential Gene Expression Patterns in the Surface, Middle, and Deep Zones of Bovine Articular Cartilage, - American Academy of Orthopaedic Surgeons
- Improved Strength with a Divergent Screw Orientation during the Fixation of Vertical Shear Fractures of the Medial Malleolus, - AO North American
- Optimal Fixation for Horizontal Medial Malleolus Fractures, - AO North American
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- Interaction of Televancin with INR Reagents - California Orthopaedic Association
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- The Position of the Joint Line in Relationship to Anatomic Landmarks of the Knee - California Orthopaedic Association
- Optimal Fixation for Horizontal Medial Malleolus Fractures - California Orthopaedic Association
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- Vernon Thompson Award: Distinct Gene Expression Patterns in the Surface, Middle, and Deep Zones of Bovine Articular Cartilage, - Western Orthopaedic Association
- Monitoring COMP Expression during Articular Chondrocyte Compression, - Western Orthopaedic Association
- Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - Western Orthopaedic Association
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- The Biomechanical Properties of Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Sawbone Models, - Southwest Regional OREF/ORS Resident Research Symposium
- J. Harold LaBriola Award: The Biomechanical Properties of Hybrid and Volar Locking Plate Fixation in Normal and Osteoporotic Distal Radius Sawbone Models, - California Orthopaedic Association
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- Optimal Fixation of Horizontal Medial Malleolus Fractures - Orthopaedic Trauma Association
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- Monitoring Gene Expression in Articular Chondrocytes and Bone Marrow Derived Stem Cells during Dynamic Compression, - University of California, Davis Orthopaedic Research Symposium
- Does screw orientation influence construct stiffness in vertical shear fractures of the medial malleolus? - Orthopaedic Trauma Association
- Biomechanical Consequences of Anterior Femoral Notching in Cruciate Retaining Versus Posterior Stabilized Total Knee Arthroplasty - American Academy of Hip and Knee Surgeons
- J. Harold LaBriola Award: Comparison of Surgical Outcomes and Implant Wear between Ceramic-on-Ceramic and Ceramic-on-Polyethylene Bearing Surfaces in Total Hip Arthroplasty, - California Orthopaedic Association
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