



William J. Maloney, MD

Boswell Chair of Orthopaedics
Orthopaedic Surgery

CLINICAL OFFICE (PRIMARY)

- **Joint Replacement Center**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Nancy Bellagamba - Executive Administrative Assistant

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Bio

CLINICAL FOCUS

- Primary Total Hip and Knee Replacement
- Revision Total Hip and Knee Replacement
- Evaluation of Failed Joint Replacement
- Unicompartamental Knee Replacement
- Adult Reconstructive Orthopedic Surgery

ACADEMIC APPOINTMENTS

- Professor, Orthopaedic Surgery
- Member, Wu Tsai Human Performance Alliance

ADMINISTRATIVE APPOINTMENTS

- Chair, Stanford University School of Medicine - Orthopaedic Surgery, (2004- present)

HONORS AND AWARDS

- Theta Delta Chi Award for Leadership and Scholarship, Stanford University (1978)
- The William H. Harris, MD Fellowship, Hip Reconstructive Surgery, Massachusetts General Hospital, Harvard Medical School (1988)
- The Frank Stinchfield Award of the Hip Society, Hip Society (1989)
- The North American Traveling Fellowship Award, American Orthopaedic Association (1991)
- Otto Aufranc Award - Femoral Bone Remodeling after Total Hip Arthroplasty, Hip Society (1996)
- Presidential Guest Speaker, Northern California Chapter of the Western Orthopaedic Association (1996)
- Presidential Guest Speaker, Korean Hip Society (1996)
- Presidential Guest Speaker, Singapore Orthopaedic Association (1996)
- Presidential Guest Speaker, Japanese Orthopaedic Association (1997)

- The American-British-Canadian (ABC) Traveling Fellowship Award, American Orthopaedic Association (1997)
- Visiting Professor, Catholic University, Seoul, Korea (1997)
- The Charles and Joanne Knight Distinguished Chair in Orthopaedic Surgery, Washington University School of Medicine (1998)
- Visiting Professor, Asahikawa Medical College (1998)
- Pasternak Visiting Professor, Hartford Hospital, University of Connecticut (1999)
- Presidential Guest Speaker, Republic of China Orthopaedic Association, Taiwan (1999)
- Presidential Guest Speaker, Korean Orthopaedic Association (1999)
- Presidential Guest Speaker, Korean Orthopaedic Research Society (1999)
- Visiting Professor, Keimyung University, Korea (1999)
- Visiting Professor, Kyung-Pok National University, Korea (1999)
- Presidential Guest Speaker, Ontario Orthopaedic Association, Toronto, Canada (2000)
- Presidential Guest Speaker, Chinese Orthopaedic Association, Beijing, China (2000)
- Presidential Guest Speaker, Japanese Orthopaedic Association, Kobe, Japan (2000)
- Visiting Professor, University of Michigan, Ann Arbor, MI (2000)
- Visiting Professor, Brown University School of Medicine (2000)
- First Annual William H. Harris Lecture, Massachusetts General Hospital, Boston, MA (2001)
- Presidential Guest Speaker, Japanese Orthopaedic Association, Chiba, Japan (2001)
- Presidential Guest Speaker, Florida Orthopaedic Society, Orlando, FL (2002)
- Presidential Guest Speaker, Georgia Orthopaedic Society, Sea Island, Georgia (2002)
- Presidential Guest Speaker, Georgia Orthopaedic Society, Sea Island, Georgia (2002)
- Alumni visiting Professor, University of Utah, Salt Lake City, UT (2003)
- Presidential Guest Speaker, Japanese Hip Society, Sapporo, Japan (2003)
- Visiting Professor, Columbia University, New York, NY (2003)
- Visiting Professor, University of California-LA, Los Angeles, CA (2004)
- Elsbach-Richards Professor and Chairman, Stanford University School of Medicine (2005)
- Presidential Guest Speaker, Japanese Orthopaedic Association (2006)
- Larry Matthew, Visiting Professor, University of Michigan (2007)
- Marshall Urist Award, Association of Bone and Joint Surgeons (2007)
- Visiting Professor, UT Southwestern Medical Center, Texas (2008)
- Presidential Guest Speaker, 82nd Japanese Orthopaedic Association, Fukuoka, Japan (2009)
- Visiting Professor, Turkish National Congress, Cesme, Irmir, Turkey (2009)
- Visiting Professor, University of California, Los Angeles (2009)
- Visiting Professor, University of Toronto, Ontario, Canada (2009)
- AAHKS President's Honor Roll, Gold Level, American Association of Hip and Knee Surgeons (2010)
- Achievement Award, American Academy of Orthopaedic Surgeons (2010)
- J. Albert Key Visiting Professor, Washington University, St. Louis, MO (2010)
- The Otto Aufranc Award, The Hip Society (2010)
- Visiting Professor, Combined 33rd SOA- 30th AOA Annual Congress (2010)
- Invited Lecturer, SICOT 2011 XXV Triennial World Congress, Prague, Czech Republic (2011)

- Presidential Guest Speaker, 41st Annual Japanese Society for Replacement Arthroplasty (2011)
- Visiting Professor, Columbia University Orthopaedic Resident Graduation, New York, NY (2011)
- Visiting Professor, Columbia University, New York, NY (2011)
- Visiting Professor, 55th Annual Meeting of Korean Hip Society (2011)
- Visiting Professor, 67th Panhellenic Orthopaedic Congress, Athens, Greece (2011)
- Presidential Guest Speaker, 2012 Annual Fall Congress of the Korean Orthopaedic Association. Seoul, Korea (2012)
- Visiting Professor, The Great Debate, Optimizing Outcomes of Hip and Knee Arthroplasty, London, UK. (2012)
- Visiting Professor, The 2nd International Symposium on Musculoskeletal System and Pain, Sapporo, Japan (2012)
- Visiting Professor, The 1st Bangkok Hospital, Stanford Hip and Knee Intensive Course, Bangkok, Thailand (2012)
- Visiting Professor, 2012 Asia Pacific Insall Legacy Symp and Annual Mtg of the Thai Hip and Knee Soc., Tua Hin, Thailand (2012)
- Visiting Professor, The Great Debate, Raising Standards in Hip and Knee Arthroplasty, London, UK (2013)
- Visiting Professor, 3rd CUHK International Symposium on Stem Cell Biology and Regenerative Medicine, Hong Kong (2013)
- Visiting Professor, 8th International Congress of Chinese Orthopaedic Association, Beijing, China (2013)
- Visiting Professor, The AOA 73rd Annual Scientific Meeting, Darwin, Australia (2013)
- Visiting Professor, Istanbul Orthopaedic Meeting, Istanbul, Turkey (2014)
- Visiting Professor, Combined Asia Pacific Knee Society and Thailand Hip and Knee Society Meeting, Phuket, Thailand. (2014)
- Visiting Professor, Malaysian Arthroplasty Interest Group, Kuala Lumpur, Malaysia (2014)
- AAOS, Presidential Guest Speaker, Washington State Orthopaedic Association (WSOA) 2015 Annual Meeting (2015)
- Visiting Professor, AAHKS and JSRA Combined Symposium, Fukuoka, Japan (2015)
- Visiting Professor, 8th Congress of the Chinese Academy of Orthopaedic Surgeons, Beijing, China (2015)
- Visiting Professor, 2015 AAA and the 2015 Annual Meeting of the Thai Hip and Knee Society, Bangkok, Thailand (2015)
- Visiting Professor, 2nd ICJR SEA Challenges in Arthroplasty, Eastern & Oriental Hotel, Penang Island (2015)
- Visiting Professor, 53rd Annual Murray S. Danforth Oration, Rhode Island Hospital, Providence, RI (2015)
- AAOS, Presidential Guest Speaker, Nevada Orthopaedic Association Annual Meeting, Vdara Hotel & Spa, Las Vegas, NV (2016)
- AAOS, Presidential Representative, 17th Congress of the EFORT, Geneva, Switzerland (2016)
- Visiting Professor, 4th Annual Meeting of Arthroplasty Society in Asia & 2016 Congress of CAS, Guangzhou, China. (2016)
- Visiting Professor, 2016 Annual Meeting of the THKS and the 2016 APOKA, Shanghai-La Hotel, Bangkok, Thailand (2016)
- AAOS Keynote Speaker, German Congress for Orthopaedic and Trauma Surgery Annual Meeting, Berlin, Germany (2017)
- AAOS Presidential Guest Speaker, Philippine Orthopaedic Association 68th Annual Congress, Manila, Philippines (2017)
- AAOS Presidential Guest Speaker, 90th Annual Meeting of the Japanese Orthopaedic Association, Sendai, Japan (2017)
- AAOS Presidential Guest Speaker, Maryland Orthopaedic Association Annual Meeting, Annapolis, Maryland (2017)
- Presidential Guest Speaker, 90th Annual Meeting of the Japanese Orthopaedic Association, Sendai, Japan (2017)
- Senior Achievement Award in Recognition of Continued Outstanding Contributions in Ortho Surgery, AAOS (2017)
- The Boswell Professor, Endowed Chair, Stanford University School of Medicine (2017)
- Visiting Professor, 19th Annual Meeting of the Thai Hip & Knee Society Hauhin, Prachuap Khiri Khan Province, Thailand (2017)
- Visiting Professor, DePalma Orator, Thomas Jefferson University Research Day, Philadelphia, PA (2017)
- AAOS Presidential Guest Speaker, 11th Congress of Chinese Association of Orthopaedic Surgeons, Hangzhou, China (2018)
- 2019 Reich Lecturer, Mt. Sinai Medical Center (2019)
- Visiting Professor, UC Irvine, Annual Graduate Research Forum (2019)

- Visiting Professor, 63rd Annual Congress of the Korean Orthopaedic Association (2019)
- Visiting Professor, 41st Annual Meeting of the Royal College of Orthopaedics Surgeons of Thailand (RCOST) (2019)
- Raymond G. Tronzo Visiting Professor, Department of Orthopaedic Surgery, Hospital of the University of Pennsylvania (2022)

PROFESSIONAL EDUCATION

- Internship: Stanford University Dept of General Surgery (1984) CA
- Residency: Stanford University Orthopaedic Surgery Residency (1988) CA
- Medical Education: Columbia University College of Physicians and Surgeons (1983) NY
- Board Certification: Orthopaedic Surgery, American Board of Orthopaedic Surgery (1991)
- Fellowship: Massachusetts General Hospital/Harvard Medical (1989) MA
- BA, Stanford University , Psychology (1979)

LINKS

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

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Maloney is nationally and internationally recognized for his contributions to the improved understanding of the causes of failure of surgical joint replacement. For example; he established a critical link between polyethylene wear debris and bony erosion, with resulting significant changes in the materials and design strategies of joint replacement surgery. More recently, he has shown that wear debris particles are coated in vivo with human proteins, such as albumin; this observation has notably improved the validity of in vitro investigation in this area. His research in the area of joint replacement has twice won awards from the Hip Society. Dr. Maloney is currently the President of the American Academy of Orthopaedic Surgeons and has served on numerous AAOS committees, including the Council on Education. Previously, he was chair of the American Joint Replacement Registry Board of Directors (AJRR), and on the board of directors for the Knee Society, the Hip Society, the Western Orthopaedic Association, and the American Association of Hip and Knee Surgeons (AAHKS). Dr. Maloney is a past president of the Hip Society. He has been a Visiting Professor to numerous universities and institutions throughout the United States and Asia.

CLINICAL TRIALS

- Comparative Effectiveness of Pulmonary Embolism Prevention After Hip and Knee Replacement, Not Recruiting

Publications

PUBLICATIONS

- **Strengthening the Pipeline: Promoting Diversity into Orthopedic Surgery.** *Clinics in sports medicine*
van Niekerk, M., O'Mara, A., Kha, S., Zhou, J., McAdams, T. A., Ladd, A., Shea, K., Frick, S., Maloney, W. J., Chu, C. R.
2024; 43 (2): 253-270
- **AOA Critical Issues: How Research Improves Clinical Care: The Case for Orthopaedic Surgeon Research Leadership and Collaboration: AOA Critical Issues Symposium.** *The Journal of bone and joint surgery. American volume*
Chu, C. R., Murray, M. M., Maloney, W. J., Hogan, M. V.
2023
- **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

- **Excellent 20-Year Results of Total Hip Arthroplasty with Highly Cross-Linked Polyethylene on Cobalt-Chromium Femoral Heads in Patients #50 Years.** *The Journal of arthroplasty*
Parilla, F. W., Youngman, T. R., Layon, D., Ince, D. C., Pashos, G. E., Maloney, W. J., Clohisy, J. C.
2023
- **An osteoinductive and biodegradable intramedullary implant accelerates bone healing and mitigates complications of bone transport in male rats.** *Nature communications*
Lin, S., Maekawa, H., Moeinzadeh, S., Lui, E., Alizadeh, H. V., Li, J., Kim, S., Poland, M., Gadomski, B. C., Easley, J. T., Young, J., Gardner, M., Mohler, et al
2023; 14 (1): 4455
- **Arthroplasty for femoral neck fractures is at risk for under restoration of lateral femoral offset.** *Hip international : the journal of clinical and experimental research on hip pathology and therapy*
Shah, H. N., Barrett, A. A., Finlay, A. K., Arora, P., Bellino, M. J., Bishop, J. A., Gardner, M. J., Miller, M. D., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2023: 11207000231169914
- **Assessment of Team Dynamics and Operative Efficiency in Hip and Knee Arthroplasty.** *JAMA surgery*
Cousins, H. C., Cahan, E. M., Steere, J. T., Maloney, W. J., Goodman, S. B., Miller, M. D., Huddleston, J. I., Amanatullah, D. F.
2023
- **Complications, Implant Survivorships, and Functional Outcomes of Conversion Total Knee Arthroplasty with Prior Hardware.** *The Journal of arthroplasty*
Apinyankul, R., Hui, A. Y., Hwang, K., Segovia, N. A., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2023
- **A bioactive compliant vascular graft modulates macrophage polarization and maintains patency with robust vascular remodeling.** *Bioactive materials*
Stahl, A., Hao, D., Barrera, J., Henn, D., Lin, S., Moeinzadeh, S., Kim, S., Maloney, W., Gurtner, G., Wang, A., Yang, Y. P.
2023; 19: 167-178
- **Revision hip arthroplasty using a modular, cementless femoral stem: long-term follow-up.** *The Journal of arthroplasty*
Valtanan, R. S., Hwang, K. L., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2022
- **Outcome of the Wagner Cone femoral component for difficult anatomical conditions during total hip arthroplasty.** *International orthopaedics*
Lawson, K., Hwang, K. L., Montgomery, S., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2022
- **Isolated Versus Full Component Revision In Total Knee Arthroplasty For Aseptic Loosening.** *The Journal of arthroplasty*
Apinyankul, R., Hwang, K., Segovia, N. A., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2022
- **The Impact of Extended Trochanteric Osteotomy with Cerclage Fixation in Revision Total Hip Arthroplasty for Prosthetic Joint Infection.** *The Journal of arthroplasty*
Whittaker, M. J., Arora, P., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2022
- **Costs and benefits of routine hemoglobin A1c screening prior to total joint arthroplasty: a cost-benefit analysis** *CURRENT ORTHOPAEDIC PRACTICE*
Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Maloney, W. J., Kamal, R. N.
2022; 33 (4): 338-346
- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial (vol 153, pg 303, 2018) JAMA SURGERY**
Hah, J., Mackey, S. C., Schmidt, P.
2022; 157 (6): 553
- **Costs and benefits of routine hemoglobin A1c screening prior to total joint arthroplasty: a cost-benefit analysis.** *Current orthopaedic practice*
Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Maloney, W. J., Kamal, R. N.
2022; 33 (4): 338-346
- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial (vol 153, pg 303, 2018) JAMA SURGERY**
Hah, J., Mackey, S. C., Schmidt, P.

2022

- **Long-term Follow-up of Conventional Polyethylene in Total Hip Arthroplasty in Young Patients: Heightened Wear-related Complications are Observed at the Beginning of the Third Decade.** *The Journal of arthroplasty*
Parilla, F. W., Ince, D. C., Pashos, G. E., Maloney, W. J., Clohisey, J. C.
2022
- **Staging Bilateral Total Knee Arthroplasties Reduces Alignment Outliers.** *The Journal of arthroplasty*
Follett, M. A., Arora, P., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Amanatullah, D. F.
1800
- **Tendency of Driving to the Basket Is Associated With Increased Risk of Anterior Cruciate Ligament Tears in National Basketball Association Players: A Cohort Study** *ORTHOPAEDIC JOURNAL OF SPORTS MEDICINE*
Schultz, B. J., Thomas, K. A., Cinque, M., Harris, J. D., Maloney, W. J., Abrams, G. D.
2021; 9 (11)
- **Tendency of Driving to the Basket Is Associated With Increased Risk of Anterior Cruciate Ligament Tears in National Basketball Association Players: A Cohort Study.** *Orthopaedic journal of sports medicine*
Schultz, B. J., Thomas, K. A., Cinque, M., Harris, J. D., Maloney, W. J., Abrams, G. D.
2021; 9 (11): 23259671211052953
- **An Open-Label Study to Evaluate the Effect of Intra-articular Triamcinolone Acetonide Extended Release on Patients with Baseline Synovitis and Osteoarthritis of the Knee**
Huffman, K., Kivitz, A., Conaghan, P., Bowes, M., Brett, A., Kraus, V., Maloney, W., Parvizi, J., Cinar, A., Bodick, N., Kelley, S.
WILEY.2021: 1480-1483
- **Biologic Association Annual Summit: 2020 Report.** *Orthopaedic journal of sports medicine*
Frank, R. M., Sherman, S. L., Chahla, J., Dragoo, J. L., Mandelbaum, B., Members of the Biologic Association, Anz, A. W., Bradley, J. P., Chu, C. R., Cole, B. J., Farr, J., Flanigan, D. C., Gomoll, A. H., et al
2021; 9 (6): 23259671211015667
- **Perioperative Statin Use May Reduce Postoperative Arrhythmia Rates After Total Joint Arthroplasty.** *The Journal of arthroplasty*
Bonano, J. C., Aratani, A. K., Sambare, T. D., Goodman, S. B., Huddleston, J. I., Maloney, W. J., Burk, D. R., Aaronson, A. J., Finlay, A. K., Amanatullah, D. F.
2021
- **Combining a vascular bundle and 3D printed scaffold with BMP-2 improves bone repair and angiogenesis.** *Tissue engineering. Part A*
Kawai, T., Pan, C., Okuzu, Y., Shimizu, T., Stahl, A., Matsuda, S., Maloney, W., Yang, Y. P.
2021
- **Investigation of a Prevascularized Bone Graft for Large Defects in the Ovine Tibia.** *Tissue engineering. Part A*
Yang, Y. P., Gadowski, B., Bruyas, A., Easley, J. T., Labus, K., Brad, N., Palmer, R., Stewart, H., McGilvray, K., Puttlitz, C., Regan, D., Stahl, A., Lui, et al
2021
- **Osteoinductive 3D printed scaffold healed 5cm segmental bone defects in the ovine metatarsus.** *Scientific reports*
Yang, Y. P., Labus, K. M., Gadowski, B. C., Bruyas, A., Easley, J., Nelson, B., Palmer, R. H., McGilvray, K., Regan, D., Puttlitz, C. M., Stahl, A., Lui, E., Li, et al
2021; 11 (1): 6704
- **Modified Kerboul Angle Predicts Outcome of Core Decompression With or Without Additional Cell Therapy.** *The Journal of arthroplasty*
Boontanapibul, K., Huddleston, J. I., Amanatullah, D. F., Maloney, W. J., Goodman, S. B.
2021
- **Response to Letter to the Editor on "Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology".** *The Journal of arthroplasty*
Boontanapibul, K. n., Steere, J. T., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2021; 36 (2): e12–e13
- **Provider Personal and Demographic Characteristics and Patient Satisfaction in Orthopaedic Surgery.** *Journal of the American Academy of Orthopaedic Surgeons. Global research & reviews*
Lu, L. Y., Sharabianlou Korth, M. J., Cheng, R. Z., Finlay, A. K., Kamal, R. N., Goodman, S. B., Maloney, W. J., Huddleston, J. I., Amanatullah, D. F.
2021; 5 (4)

- **Efficacy of motivational-interviewing and guided opioid tapering support for patients undergoing orthopedic surgery (MI-Opioid Taper): A prospective, assessor-blind, randomized controlled pilot trial.** *EClinicalMedicine*
Hah, J. M., Trafton, J. A., Narasimhan, B., Krishnamurthy, P., Hilmoe, H., Sharifzadeh, Y., Huddleston, J. I., Amanatullah, D., Maloney, W. J., Goodman, S., Carroll, I., Mackey, S. C.
2020; 28: 100596
- **Incidence and Characteristics of Osteolysis in HXLPE THA at 16-Year Follow up in Patients 50 Years and Less.** *The Journal of arthroplasty*
Rames, R. D., Hillen, T. J., Pashos, G. E., Maloney, W. J., Clohisy, J. C.
2020
- **Effect Of Triamcinolone Acetonide Extended-release On Synovial Inflammation In Patients With Osteoarthritis Of The Knee**
Kelley, S., Huffman, K., Conaghan, P., Bowes, M., Cinar, A., Kivitz, A., Kraus, V., Maloney, W., Parvizi, J., Brett, A., Bodick, N.
LIPPINCOTT WILLIAMS & WILKINS.2020: 1010
- **Selective screw fixation is associated with early failure of primary acetabular components for aseptic loosening.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
Henry Goodnough, L., Bonano, J. C., Finlay, A. K., Aggarwal, V., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2020
- **Reimbursement and Complications in Outpatient vs Inpatient Unicompartmental Arthroplasty.** *The Journal of arthroplasty*
Bosch, L. C., Bala, A., Denduluri, S. K., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Amanatullah, D. F.
2020
- **Diagnosis of Osteonecrosis of the Femoral Head: Too Little, Too Late, and Independent of Etiology.** *The Journal of arthroplasty*
Boontanapibul, K. n., Steere, J. T., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2020
- **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
- **Preoperative Factors Associated with Remote Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: Post Hoc Analysis of a Perioperative Gabapentin Trial.** *Journal of pain research*
Hah, J. M., Hilmoe, H. n., Schmidt, P. n., McCue, R. n., Trafton, J. n., Clay, D. n., Sharifzadeh, Y. n., Ruchelli, G. n., Hernandez Boussard, T. n., Goodman, S. n., Huddleston, J. n., Maloney, W. J., Dirbas, et al
2020; 13: 2959–70
- **Initial Presentation and Progression of Secondary Osteonecrosis of the Knee.** *The Journal of arthroplasty*
Boontanapibul, K. n., Steere, J. T., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2020
- **Reply to Letter to the Editor on "Mental Health Status Improves Following Total Knee Arthroplasty".** *The Journal of arthroplasty*
Horst, P. K., Barrett, A. A., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2020
- **Synthetic bone tissue engineering graft substitutes: What is the future?** *Injury*
Valtanen, R. S., Yang, Y. P., Gurtner, G. C., Maloney, W. J., Lowenberg, D. W.
2020
- **Outcomes of Cemented Total Knee Arthroplasty for Secondary Osteonecrosis of the Knee.** *The Journal of arthroplasty*
Boontanapibul, K. n., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2020
- **Statin use is associated with less postoperative cardiac arrhythmia after total hip arthroplasty** *HIP INTERNATIONAL*
Chen, M. J., Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Aaronson, A. J., Amanatullah, D. F.
2019; 29 (6): 618–23
- **Response to Letter to the Editor on "Total Knee Arthroplasty Has Positive Effect on Patients With Low Mental Health Scores".** *The Journal of arthroplasty*
Horst, P. K., Barrett, A. A., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.

2019

- **Total Knee Arthroplasty Has A Positive Effect on Patients With Low Mental Health Scores.** *The Journal of arthroplasty*
Horst, P. K., Barrett, A. A., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2019
- **Improved Range of Motion and Patient-Reported Outcome Scores With Fixed-Bearing Revision Total Knee Arthroplasty for Suboptimal Axial Implant Rotation** *JOURNAL OF ARTHROPLASTY*
Amanatullah, D. E., Lichstein, P. M., Lundergan, W. G., Wong, W. W., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2019; 34 (6): 1174–78
- **Computer Navigation vs Conventional Total Hip Arthroplasty: A Medicare Database Analysis.** *The Journal of arthroplasty*
Montgomery, B. K., Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2019
- **Venous thromboprophylaxis after total hip arthroplasty: aspirin, warfarin, enoxaparin, or factor Xa inhibitors?** *Hip international : the journal of clinical and experimental research on hip pathology and therapy*
Bala, A., Murasko, M. J., Burk, D. R., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2019: 1120700019841600
- **Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery Secondary Analysis of a Randomized Clinical Trial** *JAMA NETWORK OPEN*
Hah, J. M., Cramer, E., Hilmoe, H., Schmidt, P., McCue, R., Trafton, J., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, W. J., Dirbas, et al
2019; 2 (3)
- **Factors Associated With Acute Pain Estimation, Postoperative Pain Resolution, Opioid Cessation, and Recovery: Secondary Analysis of a Randomized Clinical Trial.** *JAMA network open*
Hah, J. M., Cramer, E., Hilmoe, H., Schmidt, P., McCue, R., Trafton, J., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, W. J., Dirbas, et al
2019; 2 (3): e190168
- **Improved Range of Motion and Patient-Reported Outcome Scores With Fixed-Bearing Revision Total Knee Arthroplasty for Suboptimal Axial Implant Rotation.** *The Journal of arthroplasty*
Amanatullah, D. F., Lichstein, P. M., Lundergan, W. G., Wong, W. W., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2019
- **Fifteen-Year Results of Total Hip Arthroplasty With Cobalt-Chromium Femoral Heads on Highly Cross-Linked Polyethylene in Patients 50 Years and Less.** *The Journal of arthroplasty*
Rames, R. D., Stambough, J. B., Pashos, G. E., Maloney, W. J., Martell, J. M., Clohisy, J. C.
2019
- **Hematopoietic PBX-interacting protein mediates cartilage degeneration during the pathogenesis of osteoarthritis.** *Nature communications*
Ji, Q., Xu, X., Kang, L., Xu, Y., Xiao, J., Goodman, S. B., Zhu, X., Li, W., Liu, J., Gao, X., Yan, Z., Zheng, Y., Wang, et al
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