



William J. Maloney, MD

Boswell Professor

Orthopaedic Surgery

CLINICAL OFFICES

- **Joint Replacement Center**

450 Broadway St

Pavilion A 1st Fl MC 6110

Redwood City, CA 94063

Tel (650) 723-5643

Fax (650) 721-3404

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Nancy Bellagamba - Executive Administrative Assistant

Email nbella52@stanford.edu

Tel 650-721-7659

Bio

CLINICAL FOCUS

- Orthopaedic Surgery
- Primary Total Hip and Knee Replacement
- Revision Total Hip and Knee Replacement
- Evaluation of Failed Joint Replacement
- Unicompartamental Knee Replacement

ACADEMIC APPOINTMENTS

- Professor, Orthopaedic Surgery

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, Singapore Orthopaedic Association (1996)
- Presidential Guest Speaker, Northern California Chapter of the Western Orthopaedic Association (1996)
- Presidential Guest Speaker, Korean Hip Society (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, Korean Orthopaedic Association (1999)
- Presidential Guest Speaker, Republic of China Orthopaedic Association, Taiwan (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, Japanese Orthopaedic Association, Kobe, Japan (2000)
- Presidential Guest Speaker, Ontario Orthopaedic Association, Toronto, Canada (2000)
- Presidential Guest Speaker, Chinese Orthopaedic Association, Beijing, China (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, University of California, Los Angeles (2009)
- Visiting Professor, University of Toronto, Ontario, Canada (2009)
- Visiting Professor, Turkish National Congress, Cesme, Irmir, Turkey (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, 67th Panhellenic Orthopaedic Congress, Athens, Greece (2011)
- Visiting Professor, 55th Annual Meeting of Korean Hip Society (2011)
- Visiting Professor, Columbia University, New York, NY (2011)
- Presidential Guest Speaker, 2012 Annual Fall Congress of the Korean Orthopaedic Association. Seoul, Korea (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 1st Bangkok Hospital, Stanford Hip and Knee Intensive Course, Bangkok, Thailand (2012)
- Visiting Professor, The 2nd International Symposium on Musculoskeletal System and Pain,Sapporo, Japan (2012)
- Visiting Professor, The Great Debate, Optimizing Outcomes of Hip and Knee Arthroplasty, London, UK. (2012)
- 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, 3rd CUHK International Symposium on Stem Cell Biology and Regenerative Medicine, Hong Kong (2013)
- Visiting Professor, The Great Debate, Raising Standards in Hip and Knee Arthroplasty, London, UK (2013)
- Visiting Professor, Combined Asia Pacific Knee Society and Thailand Hip and Knee Society Meeting, Phuket, Thailand. (2014)
- Visiting Professor, Istanbul Orthopaedic Meeting, Istanbul, Turkey (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, 2015 AAA and the 2015 Annual Meeting of the Thai Hip and Knee Society, Bangkok, Thailand (2015)
- Visiting Professor, 53rd Annual Murray S. Danforth Oration, Rhode Island Hospital, Providence, RI (2015)
- Visiting Professor, 2nd ICJR SEA Challenges in Arthroplasty, Eastern & Oriental Hotel, Penang Island (2015)
- Visiting Professor, 8th Congress of the Chinese Academy of Orthopaedic Surgeons, Beijing, China (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, 2016 Annual Meeting of the THKS and the 2016 APOKA, Shanghai-La Hotel, Bangkok, Thailand (2016)
- Visiting Professor, 4th Annual Meeting of Arthroplasty Society in Asia & 2016 Congress of CAS, Guangzhou, China. (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)

PROFESSIONAL EDUCATION

- Residency: Stanford University Orthopaedic Surgery Residency (1988) CA
- Internship: Stanford University General Surgery Residency (1984) 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

- **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
- **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., Hilmoie, 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
2019; 10 (1): 313
- **Optimizing Clinical Use of Biologics in Orthopaedic Surgery: Consensus Recommendations From the 2018 AAOS/NIH U-13 Conference** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Chu, C. R., Rodeo, S., Bhutani, N., Goodrich, L. R., Huard, J., Irrgang, J., LaPrade, R. F., Lattermann, C., Lu, Y., Mandelbaum, B., Mao, J., McIntyre, L., Mishra, et al
2019; 27 (2): E50–E63
- **Statin use is associated with less postoperative cardiac arrhythmia after total hip arthroplasty.** *Hip international : the journal of clinical and experimental research on hip pathology and therapy*
Chen, M. J., Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Aaronson, A. J., Amanatullah, D. F.
2018: 1120700018816091
- **Conventional Polyethylene in Total Hip Arthroplasty in Young Patients: Survivorship, Wear Analysis, and Clinical Outcomes Between 15 and 20 Years** *JOURNAL OF ARTHROPLASTY*
Stambough, J. B., Rames, R. D., Pashos, G. E., Maloney, W. J., Martell, J. M., Clohisy, J. C.
2018; 33 (12): 3712–18
- **Erratum to: Can a Conical Implant Successfully Address Complex Anatomy in Primary THA? Radiographs and Hip Scores at Early Followup.** *Clinical orthopaedics and related research*
Zhang, G., Goodman, S. B., Maloney, W. J., Huddleston, J. I.
2018; 476 (12): 2458
- **Suboptimal patellofemoral alignment is associated with poor clinical outcome scores after primary total knee arthroplasty.** *Archives of orthopaedic and trauma surgery*
Narkbunnam, R., Electricwala, A. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2018
- **Identifying deer antler uhrfl proliferation and s100a10 mineralization genes using comparative RNA-seq.** *Stem cell research & therapy*
Ker, D. F., Wang, D., Sharma, R., Zhang, B., Passarelli, B., Neff, N., Li, C., Maloney, W., Quake, S., Yang, Y. P.
2018; 9 (1): 292
- **Incidence and Risk Factors for Postoperative Hypothermia After Orthopaedic Surgery.** *The Journal of the American Academy of Orthopaedic Surgeons*
Kleimeyer, J. P., Harris, A. H., Sanford, J., Maloney, W. J., Kadry, B., Bishop, J. A.
2018
- **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

- **Proximal Femoral Shape Changes the Risk of a Leg Length Discrepancy After Primary Total Hip Arthroplasty.** *The Journal of arthroplasty*
Lim, Y. W., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2018
- **Systematic characterization of 3D-printed PCL/beta-TCP scaffolds for biomedical devices and bone tissue engineering: Influence of composition and porosity** *JOURNAL OF MATERIALS RESEARCH*
Bruyas, A., Lou, F., Stahl, A. M., Gardner, M., Maloney, W., Goodman, S., Yang, Y.
2018; 33 (14): 1948–59
- **Rules of Engagement Using Large Databases: Read the Fine Print** *JOURNAL OF ARTHROPLASTY*
Callaghan, J. J., Mont, M. A., Bozic, K., Maloney, W., Berry, D.
2018; 33 (7): 1987
- **Effect of Computer Navigation on Complication Rates Following Unicompartmental Knee Arthroplasty.** *The Journal of arthroplasty*
Chona, D., Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2018
- **Cryptotanshinone Protects Cartilage against Developing Osteoarthritis through the miR-106a-5p/GLIS3 Axis** *MOLECULAR THERAPY-NUCLEIC ACIDS*
Ji, Q., Qi, D., Xu, X., Xu, Y., Goodman, S. B., Kang, L., Song, Q., Fan, Z., Maloney, W. J., Wang, Y.
2018; 11: 170–79
- **Protocol-Driven Revision for Stiffness After Total Knee Arthroplasty Improves Motion and Clinical Outcomes.** *The Journal of arthroplasty*
Hug, K. T., Amanatullah, D. F., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2018
- **miR-223-3p Inhibits Human Osteosarcoma Metastasis and Progression by Directly Targeting CDH6** *MOLECULAR THERAPY*
Ji, Q., Xu, X., Song, Q., Xu, Y., Tai, Y., Goodman, S. B., Bi, W., Xu, M., Jiao, S., Maloney, W. J., Wang, Y.
2018; 26 (5): 1299–1312
- **Obesity Is Independently Associated With Early Aseptic Loosening in Primary Total Hip Arthroplasty** *JOURNAL OF ARTHROPLASTY*
Goodnough, L. H., Finlay, A. K., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2018; 33 (3): 882–86
- **Metal-on-metal total hip arthroplasty is not associated with cardiac disease** *BONE & JOINT JOURNAL*
Goodnough, L. H., Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2018; 100B (1): 28–32
- **Corrigendum to Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components [The Journal of Arthroplasty 32 (2017) 2799-2805].** *The Journal of arthroplasty*
Narkbunnam, R., Amanatullah, D. F., Electricwala, A. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2018; 33 (1): 308
- **Systematic characterization of 3D-printed PCL/#-TCP scaffolds for biomedical devices and bone tissue engineering: influence of composition and porosity.** *Journal of materials research*
Bruyas, A., Lou, F., Stahl, A. M., Gardner, M., Maloney, W., Goodman, S., Yang, Y. P.
2018; 33 (14): 1948–59
- **Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components (vol 32, pg 2799, 2017)** *JOURNAL OF ARTHROPLASTY*
Narkbunnam, R., Amanatullah, D. F., Electricwala, A. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2018; 33 (1): 308
- **miR-216a inhibits osteosarcoma cell proliferation, invasion and metastasis by targeting CDK14** *CELL DEATH & DISEASE*
Ji, Q., Xu, X., Li, L., Goodman, S. B., Bi, W., Xu, M., Xu, Y., Fan, Z., Maloney, W. J., Ye, Q., Wang, Y.
2017; 8: e3103
- **Response to Letter to the Editor on "Weight Gain After Primary Total Knee Arthroplasty is Associated With Accelerated Time to Revision for Aseptic Loosening"** *JOURNAL OF ARTHROPLASTY*
Lim, C. T., Goodman, S. B., Huddleston, J. I., Harris, A. S., Bhowmick, S., Maloney, W. J., Amanatullah, D. F.
2017; 32 (10): 3258

- **Long-term Intra-articular Steroid Injections and Knee Cartilage** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Maloney, W. J., Jevsevar, D. S., Shea, K. G.
2017; 318 (12): 1184-85
- **Continuous Femoral Nerve Catheters Decrease Opioid-Related Side Effects and Increase Home Disposition Rates Among Geriatric Hip Fracture Patients.** *Journal of orthopaedic trauma*
Arsoy, D., Gardner, M. J., Amanatullah, D. F., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Bishop, J. A.
2017; 31 (6): e186-e189
- **The effect of desflurane versus propofol anesthesia on postoperative delirium in elderly obese patients undergoing total knee replacement: A randomized, controlled, double-blinded clinical trial.** *Journal of clinical anesthesia*
Tanaka, P., Goodman, S., Sommer, B. R., Maloney, W., Huddleston, J., Lemmens, H. J.
2017; 39: 17-22
- **Venous Thromboembolism Prophylaxis After TKA: Aspirin, Warfarin, Enoxaparin, or Factor Xa Inhibitors?** *Clinical orthopaedics and related research*
Bala, A., Huddleston, J. I., Goodman, S. B., Maloney, W. J., Amanatullah, D. F.
2017
- **Radiographic scoring system for the evaluation of stability of cementless acetabular components in the presence of osteolysis** *BONE & JOINT JOURNAL*
Narkbunnam, R., Amanatullah, D. F., Electricwala, A. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2017; 99-B (5): 601-606
- **Cortical Strut Allograft Support of Modular Femoral Junctions During Revision Total Hip Arthroplasty** *JOURNAL OF ARTHROPLASTY*
Lim, C. T., Amanatullah, D. F., Huddleston, J. I., Hwang, K. L., Maloney, W. J., Goodman, S. B.
2017; 32 (5): 1586-1592
- **Use of Cortical Strut Allograft After Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty** *JOURNAL OF ARTHROPLASTY*
Lim, C. T., Amanatullah, D. F., Huddleston, J. I., Hwang, K. L., Maloney, W. J., Goodman, S. B.
2017; 32 (5): 1599-1605
- **Outcome of 4 Surgical Treatments for Wear and Osteolysis of Cementless Acetabular Components.** *journal of arthroplasty*
Narkbunnam, R., Amanatullah, D. F., Electricwala, A. J., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2017
- **The Direct Anterior Approach is Associated With Early Revision Total Hip Arthroplasty.** *journal of arthroplasty*
Eto, S., Hwang, K., Huddleston, J. I., Amanatullah, D. F., Maloney, W. J., Goodman, S. B.
2017; 32 (3): 1001-1005
- **Weight Gain After Primary Total Knee Arthroplasty Is Associated With Accelerated Time to Revision for Aseptic Loosening.** *journal of arthroplasty*
Lim, C. T., Goodman, S. B., Huddleston, J. I., Harris, A. H., Bhowmick, S., Maloney, W. J., Amanatullah, D. F.
2017
- **Response to Letter to the Editor on 'Tibiofemoral Dislocation After Total Knee Arthroplasty'** *JOURNAL OF ARTHROPLASTY*
Jethanandani, R. G., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Amanatullah, D. F.
2017; 32 (2): 700-700
- **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
- **Smoking is associated with earlier time to revision of total knee arthroplasty.** *The Knee*
Lim, C. T., Goodman, S. B., Huddleston, J. I., Harris, A. H., Bhowmick, S., Maloney, W. J., Amanatullah, D. F.
2017
- **Reconstruction of Disrupted Extensor Mechanism After Total Knee Arthroplasty.** *The Journal of arthroplasty*
Lim, C. T., Amanatullah, D. F., Huddleston, J. I., Harris, A. H., Hwang, K. L., Maloney, W. J., Goodman, S. B.
2017
- **Femoral Nerve Catheters Improve Home Disposition and Pain in Hip Fracture Patients Treated With Total Hip Arthroplasty.** *The Journal of arthroplasty*
Arsoy, D., Huddleston, J. I., Amanatullah, D. F., Giori, N. J., Maloney, W. J., Goodman, S. B.

2017

- **Effect of Perioperative Gabapentin on Postoperative Pain Resolution and Opioid Cessation in a Mixed Surgical Cohort: A Randomized Clinical Trial.** *JAMA surgery*
Hah, J., Mackey, S. C., Schmidt, P., McCue, R., Humphreys, K., Trafton, J., Efron, B., Clay, D., Sharifzadeh, Y., Ruchelli, G., Goodman, S., Huddleston, J., Maloney, et al
2017
- **Local estrogen axis in the human bone microenvironment regulates estrogen receptor-positive breast cancer cells.** *Breast cancer research : BCR*
Amanatullah, D. F., Tamareisis, J. S., Chu, P., Bachmann, M. H., Hoang, N. M., Collyar, D., Mayer, A. T., West, R. B., Maloney, W. J., Contag, C. H., King, B. L.
2017; 19 (1): 121
- **Cortical Strut Allograft Support of Modular Femoral Junctions During Revision Total Hip Arthroplasty.** *journal of arthroplasty*
Lim, C. T., Amanatullah, D. F., Huddleston, J. I., Hwang, K. L., Maloney, W. J., Goodman, S. B.
2016
- **Use of Cortical Strut Allograft After Extended Trochanteric Osteotomy in Revision Total Hip Arthroplasty.** *journal of arthroplasty*
Lim, C. T., Amanatullah, D. F., Huddleston, J. I., Hwang, K. L., Maloney, W. J., Goodman, S. B.
2016
- **CD24 enrichment protects while its loss increases susceptibility of juvenile chondrocytes towards inflammation** *ARTHRITIS RESEARCH & THERAPY*
Lee, J., Smeriglio, P., Dragoo, J., Maloney, W. J., Bhutani, N.
2016; 18
- **Tibiofemoral Dislocation After Total Knee Arthroplasty.** *journal of arthroplasty*
Jethanandani, R. G., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Amanatullah, D. F.
2016; 31 (10): 2282-2285
- **Obesity is Associated With Early Total Hip Revision for Aseptic Loosening.** *journal of arthroplasty*
Electricwala, A. J., Narkbunnam, R., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2016; 31 (9): 217-220
- **Obesity is Associated With Early Total Hip Revision for Aseptic Loosening** *JOURNAL OF ARTHROPLASTY*
Electricwala, A. J., Narkbunnam, R., Huddleston, J. I., Maloney, W. J., Goodman, S. B., Amanatullah, D. F.
2016; 31 (9): S217-S220
- **Cytokines as a predictor of clinical response following hip arthroscopy: minimum 2-year follow-up.** *Journal of hip preservation surgery*
Shapiro, L. M., Safran, M. R., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Bellino, M. J., Scuderi, G. J., Abrams, G. D.
2016; 3 (3): 229-235
- **Identification of Human Juvenile Chondrocyte-Specific Factors that Stimulate Stem Cell Growth** *TISSUE ENGINEERING PART A*
Taylor, S. E., Lee, J., Smeriglio, P., Razzaque, A., Smith, R. L., Dragoo, J. L., Maloney, W. J., Bhutani, N.
2016; 22 (7-8): 645-653
- **Removal of Well-Fixed Cementless Acetabular Components in Revision Total Hip Arthroplasty.** *Orthopedics*
Adelani, M. A., Goodman, S. B., Maloney, W. J., Huddleston, J. I.
2016; 39 (2): e280-4
- **Can a Conical Implant Successfully Address Complex Anatomy in Primary THA? Radiographs and Hip Scores at Early Followup** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Zhang, Q., Goodman, S. B., Maloney, W. J., Huddleston, J. I.
2016; 474 (2): 459-464
- **Treatment of Periprosthetic Knee Infection With a Two-stage Protocol Using Static Spacers** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Lichstein, P., Su, S., Hedlund, H., Suh, G., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2016; 474 (1): 120-125
- **Can a Conical Implant Successfully Address Complex Anatomy in Primary THA? Radiographs and Hip Scores at Early Followup.** *Clinical orthopaedics and related research*
Zhang, Q., Goodman, S. B., Maloney, W. J., Huddleston, J. I.
2016; 474 (2): 459-64

- **Treatment of Periprosthetic Knee Infection With a Two-stage Protocol Using Static Spacers.** *Clinical orthopaedics and related research*
Lichstein, P., Su, S., Hedlund, H., Suh, G., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2016; 474 (1): 120–25
- **Comprehensive Operative Note Templates for Primary and Revision Total Hip and Knee Arthroplasty.** *The open orthopaedics journal*
Electricwala, A. J., Amanatullah, D. F., Narkbunnam, R. I., Huddleston, J. I., Maloney, W. J., Goodman, S. B.
2016; 10: 725-731
- **Long-Term Results of Total Hip Arthroplasty with 28-Millimeter Cobalt-Chromium Femoral Heads on Highly Cross-Linked Polyethylene in Patients 50 Years and Less** *JOURNAL OF ARTHROPLASTY*
Stambough, J. B., Pashos, G., Bohnenkamp, F. C., Maloney, W. J., Martell, J. M., Clohisy, J. C.
2016; 31 (1): 162-167
- **Breast Cancer Cell Colonization of the Human Bone Marrow Adipose Tissue Niche** *NEOPLASIA*
Templeton, Z. S., Lie, W., Wang, W., Rosenberg-Hasson, Y., Alluri, R. V., Tamaresis, J. S., Bachmann, M. H., Lee, K., Maloney, W. J., Contag, C. H., King, B. L.
2015; 17 (12): 849-861
- **Level of constraint in revision knee arthroplasty.** *Current reviews in musculoskeletal medicine*
Indelli, P. F., Giori, N., Maloney, W.
2015; 8 (4): 390-397
- **Highly cross-linked polyethylene improves wear and mid-term failure rates for young total hip arthroplasty patients.** *Hip international*
Keeney, J. A., Martell, J. M., Pashos, G., Nelson, C. J., Maloney, W. J., Clohisy, J. C.
2015; 25 (5): 435-441
- **Musculoskeletal regeneration research network: A global initiative** *JOURNAL OF ORTHOPAEDIC TRANSLATION*
Chan, K., Rolf, C. G., Qin, L., Fellaender-Tsai, L., Castelein, R. M., Saris, D. F., Malda, J., Richards, G., Goodman, S. B., Tuan, R. S., Maloney, W., Lidgren, L., Hopkins, et al
2015; 3 (4): 160–65
- **Early induction of a prechondrogenic population allows efficient generation of stable chondrocytes from human induced pluripotent stem cells** *FASEB JOURNAL*
Lee, J., Taylor, S. E., Smeriglio, P., Lai, J., Maloney, W. J., Yang, F., Bhutani, N.
2015; 29 (8): 3399-3410
- **Interaction Between Osteoarthritic Chondrocytes and Adipose-Derived Stem Cells Is Dependent on Cell Distribution in Three-Dimension and Transforming Growth Factor-β3 Induction.** *Tissue engineering. Part A*
Lai, J. H., Rogan, H., Kajiyama, G., Goodman, S. B., Smith, R. L., Maloney, W., Yang, F.
2015; 21 (5-6): 992-1002
- **Collagen VI Enhances Cartilage Tissue Generation by Stimulating Chondrocyte Proliferation.** *Tissue engineering. Part A*
Smeriglio, P., Dhulipala, L., Lai, J. H., Goodman, S. B., Dragoo, J. L., Smith, R. L., Maloney, W. J., Yang, F., Bhutani, N.
2015; 21 (3-4): 840-849
- **Comparative potential of juvenile and adult human articular chondrocytes for cartilage tissue formation in three-dimensional biomimetic hydrogels.** *Tissue engineering. Part A*
Smeriglio, P., Lai, J. H., Dhulipala, L., Behn, A. W., Goodman, S. B., Smith, R. L., Maloney, W. J., Yang, F., Bhutani, N.
2015; 21 (1-2): 147-155
- **Methods for culturing human femur tissue explants to study breast cancer cell colonization of the metastatic niche.** *Journal of visualized experiments : JoVE*
Templeton, Z. S., Bachmann, M. H., Alluri, R. V., Maloney, W. J., Contag, C. H., King, B. L.
2015
- **Novel osteoinductive photo-cross-linkable chitosan-lactide-fibrinogen hydrogels enhance bone regeneration in critical size segmental bone defects** *ACTA BIOMATERIALIA*
Kim, S., Bedigrew, K., Guda, T., Maloney, W. J., Park, S., Wenke, J. C., Yang, Y. P.
2014; 10 (12): 5021-5033
- **Novel osteoinductive photo-cross-linkable chitosan-lactide-fibrinogen hydrogels enhance bone regeneration in critical size segmental bone defects.** *Acta biomaterialia*
Kim, S., Bedigrew, K., Guda, T., Maloney, W. J., Park, S., Wenke, J. C., Yang, Y. P.

2014; 10 (12): 5021-5033

- **In vitro evaluation of photo-crosslinkable chitosan-lactide hydrogels for bone tissue engineering** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS*
Kim, S., Kang, Y., Mercado-Pagan, A. E., Maloney, W. J., Yang, Y.
2014; 102 (7): 1393-1406
- **In vitro evaluation of photo-crosslinkable chitosan-lactide hydrogels for bone tissue engineering.** *Journal of biomedical materials research. Part B, Applied biomaterials*
Kim, S., Kang, Y., Mercado-Pagán, Á. E., Maloney, W. J., Yang, Y.
2014; 102 (7): 1393-1406
- **Clinical recovery from surgery correlates with single-cell immune signatures** *SCIENCE TRANSLATIONAL MEDICINE*
Gaudilliere, B., Fragiadakis, G. K., Bruggner, R. V., Nicolau, M., Finck, R., Tingle, M., Silva, J., Ganio, E. A., Yeh, C. G., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Davis, et al
2014; 6 (255)
- **Clinical recovery from surgery correlates with single-cell immune signatures.** *Science translational medicine*
Gaudillière, B., Fragiadakis, G. K., Bruggner, R. V., Nicolau, M., Finck, R., Tingle, M., Silva, J., Ganio, E. A., Yeh, C. G., Maloney, W. J., Huddleston, J. I., Goodman, S. B., Davis, et al
2014; 6 (255): 255ra131-?
- **Current Modes of Failure in TKA: Infection, Instability, and Stiffness Predominate.** *Clinical orthopaedics and related research*
Le, D. H., Goodman, S. B., Maloney, W. J., Huddleston, J. I.
2014; 472 (7): 2197-2200
- **Outcome of Porous Tantalum Acetabular Components for Paprosky Type 3 and 4 Acetabular Defects** *JOURNAL OF ARTHROPLASTY*
Batuyong, E. D., Brock, H. S., Thiruvengadam, N., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2014; 29 (6): 1318-1322
- **What is the Prognosis of Revision Total Hip Arthroplasty in Patients 55 Years and Younger?** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Adelani, M. A., Crook, K., Barrack, R. L., Maloney, W. J., Clohisy, J. C.
2014; 472 (5): 1518-1525
- **Fibronectin-aggrecan complex as a marker for cartilage degradation in non-arthritic hips.** *Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA*
Abrams, G. D., Safran, M. R., Shapiro, L. M., Maloney, W. J., Goodman, S. B., Huddleston, J. I., Bellino, M. J., Scuderi, G. J.
2014; 22 (4): 768-773
- **Monitoring Dynamic Interactions Between Breast Cancer Cells and Human Bone Tissue in a Co-culture Model.** *Molecular imaging and biology*
Contag, C. H., Lie, W., Bammer, M. C., Hardy, J. W., Schmidt, T. L., Maloney, W. J., King, B. L.
2014; 16 (2): 158-166
- **Causes of instability after total knee arthroplasty.** *journal of arthroplasty*
Song, S. J., Detch, R. C., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2014; 29 (2): 360-364
- **Advances in acetabular osteolysis: biomarkers, imaging, and pharmacologic management.** *Instructional course lectures*
Illingworth, K. D., Wachter, N., Maloney, W. J., Paprosky, W. G., Ries, M. D., Saleh, K. J.
2014; 63: 177-186
- **Outcome of porous tantalum acetabular components for paprosky type 3 and 4 acetabular defects.** *The Journal of arthroplasty*
Batuyong, E. D., Brock, H. S., Thiruvengadam, N., Maloney, W. J., Goodman, S. B., Huddleston, J. I.
2014; 29 (6): 1318-22
- **Advances in acetabular reconstruction in revision total hip arthroplasty: maximizing function and outcomes after treatment of periacetabular osteolysis around the well-fixed shell.** *Instructional course lectures*
Hall, A., Eilers, M., Hansen, R., Robinson, B. S., Maloney, W. J., Paprosky, W. G., Ries, M. D., Saleh, K. J.
2014; 63: 209-218
- **Acetabular reconstruction in revision total hip arthroplasty: maximizing function and outcomes in protrusio and cavitary defects.** *Instructional course lectures*

- Dahl, B., McNeely, C., Robinson, B. S., Maloney, W. J., Paprosky, W. G., Ries, M. D., Saleh, K. J.
2014; 63: 219-225
- **Maximizing function and outcomes in acetabular reconstruction: segmental bony defects and pelvic discontinuity.** *Instructional course lectures*
Pope, D., Blankenship, S., Jones, G., Robinson, B. S., Maloney, W. J., Paprosky, W. G., Ries, M. D., Saleh, K. J.
2014; 63: 187-197
 - **Stem cells catalyze cartilage formation by neonatal articular chondrocytes in 3D biomimetic hydrogels** *SCIENTIFIC REPORTS*
Lai, J. H., Kajiyama, G., Smith, R. L., Maloney, W., Yang, F.
2013; 3
 - **Effects of Heme Oxygenase-1 on Bacterial Antigen-Induced Articular Chondrocyte Catabolism In Vitro** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Mawatari, T., Nakamichi, I., Suenaga, E., Maloney, W. J., Smith, R. L.
2013; 31 (12): 1943-1949
 - **Advances in Acetabular Reconstruction in Revision Total Hip Arthroplasty Maximizing Function and Outcomes After Treatment of Periacetabular Osteolysis Around the Well-Fixed Shell** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Hall, A., Eilers, M., Hansen, R., Robinson, B. S., Maloney, W. J., Paprosky, W. G., Ries, M. D., Saleh, K. J.
2013; 95A (18): 1710-1718
 - **The effect of rhBMP-2 and PRP delivery by biodegradable beta-tricalcium phosphate scaffolds on new bone formation in a non-through rabbit cranial defect model** *JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE*
Lim, H., Mercado-Pagan, A. E., Yun, K., Kang, S., Choi, T., Bishop, J., Koh, J., Maloney, W., Lee, K., Yang, Y. P., Park, S.
2013; 24 (8): 1895-1903
 - **Determinants of time to opioid cessation post-surgery**
Ruchelli, G., Clay, D., Schmidt, P., Humphreys, K., Trafton, J., Dirbas, F., Giori, N., Goodman, S., Hoang, C., Huddleston, J., Maloney, W., Merritt, R., Miller, et al
CHURCHILL LIVINGSTONE.2013: S18-S18
 - **Stem cells catalyze cartilage formation by neonatal articular chondrocytes in 3D biomimetic hydrogels.** *Scientific reports*
Lai, J. H., Kajiyama, G., Smith, R. L., Maloney, W., Yang, F.
2013; 3: 3553-?
 - **Is Routine Mid-term Total Hip Arthroplasty Surveillance Beneficial?** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Keeney, J. A., Ellison, B. S., Maloney, W. J., Clohisy, J. C.
2012; 470 (11): 3220-3226
 - **Advanced Age and Comorbidity Increase the Risk for Adverse Events After Revision Total Hip Arthroplasty** *JOURNAL OF ARTHROPLASTY*
Koenig, K., Huddleston, J. I., Huddleston, H., Maloney, W. J., Goodman, S. B.
2012; 27 (7): 1402-1407
 - **Effect of Coadministration of Vancomycin and BMP-2 on Cocultured Staphylococcus aureus and W-20-17 Mouse Bone Marrow Stromal Cells In Vitro** *ANTIMICROBIAL AGENTS AND CHEMOTHERAPY*
Nguyen, A. H., Kim, S., Maloney, W. J., Wenke, J. C., Yang, Y.
2012; 56 (7): 3776-3784
 - **Commentary: Is the hip bone connected to the spine bone?** *SPINE JOURNAL*
Huddleston, J. I., Maloney, W. J.
2012; 12 (5): 370-371
 - **Age and Obesity Are Risk Factors for Adverse Events After Total Hip Arthroplasty** *Scientific Meeting of the Hip-Society / Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons*
Huddleston, J. I., Wang, Y., Uquillas, C., Herndon, J. H., Maloney, W. J.
SPRINGER.2012: 490-96
 - **Decreased Length of Stay After TKA Is Not Associated With Increased Readmission Rates in a National Medicare Sample** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Vorhies, J. S., Wang, Y., Herndon, J. H., Maloney, W. J., Huddleston, J. I.
2012; 470 (1): 166-171

- **Human bone marrow hematopoietic stem cells are increased in frequency and myeloid-biased with age** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Pang, W. W., Price, E. A., Sahoo, D., Beerman, I., Maloney, W. J., Rossi, D. J., Schrier, S. L., Weissman, I. L.
2011; 108 (50): 20012-20017
- **Readmission and Length of Stay After Total Hip Arthroplasty in a National Medicare Sample** *JOURNAL OF ARTHROPLASTY*
Vorhies, J. S., Wang, Y., Herndon, J., Maloney, W., Huddleston, J. I.
2011; 26 (6): 119-123
- **Effects of Intermittent Hydrostatic Pressure and BMP-2 on Osteoarthritic Human Chondrocyte Metabolism In Vitro** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Smith, R. L., Lindsey, D. P., Dhulipala, L., Harris, A. H., Goodman, S. B., Maloney, W. J.
2011; 29 (3): 361-368
- **Large Acetabular Defects Can be Managed with Cementless Revision Components** *77th Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons (AAOS)*
Paxton, E. S., Keeney, J. A., Maloney, W. J., Clohisy, J. C.
SPRINGER.2011: 483-93
- **The Incidence of Acetabular Osteolysis in Young Patients With Conventional versus Highly Crosslinked Polyethylene** *77th Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons (AAOS)*
Mall, N. A., Nunley, R. M., Zhu, J. J., Maloney, W. J., Barrack, R. L., Clohisy, J. C.
SPRINGER.2011: 372-81
- **Linier Exchange and Bone Grafting Rare Option to Treat Wear & Lysis of Stable TKAs** *Annual Scientific Meeting of the Knee-Society*
Callaghan, J. J., Reynolds, E. R., Ting, N. T., Goetz, D. D., Clohisy, J. C., Maloney, W. J.
SPRINGER.2011: 154-59
- **Use and Cost-Effectiveness of Intraoperative Acid-Fast Bacilli and Fungal Cultures in Assessing Infection of Joint Arthroplasties** *JOURNAL OF ARTHROPLASTY*
Wadey, V. M., Huddleston, J. I., Goodman, S. B., Schurman, D. J., Maloney, W. J., Baron, E. J.
2010; 25 (8): 1231-1234
- **The Fate of Grafting Acetabular Defects During Revision Total Hip Arthroplasty** *Closed Meeting of the International-Hip-Society*
Mall, N. A., Nunley, R. M., Smith, K. E., Maloney, W. J., Clohisy, J. C., Barrack, R. L.
SPRINGER.2010: 3286-94
- **Stem cells and the aging hematopoietic system** *CURRENT OPINION IN IMMUNOLOGY*
Beerman, I., Maloney, W. J., Weissmann, I. L., Rossi, D. J.
2010; 22 (4): 500-506
- **Effects of Tensile Strain and Fluid Flow on Osteoarthritic Human Chondrocyte Metabolism In Vitro** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Mawatari, T., Lindsey, D. P., Harris, A. H., Goodman, S. B., Maloney, W. J., Smith, R. L.
2010; 28 (7): 907-913
- **In Vivo Femoral Head Damage and Its Effect on Polyethylene Wear** *JOURNAL OF ARTHROPLASTY*
Ito, H., Maloney, C. M., Crowninshield, R. D., Clohisy, J. C., McDonald, D. J., Maloney, W. J.
2010; 25 (2): 302-308
- **Iliopsoas Bursa Injections Can be Beneficial for Pain after Total Hip Arthroplasty** *Annual Symposium of the Hip-Society*
Nunley, R. M., Wilson, J. M., Gilula, L., Clohisy, J. C., Barrack, R. L., Maloney, W. J.
SPRINGER.2010: 519-26
- **Adverse Events After Total Knee Arthroplasty A National Medicare Study** *JOURNAL OF ARTHROPLASTY*
Huddleston, J. I., Maloney, W. J., Wang, Y., Verzier, N., Hunt, D. R., Herndon, J. H.
2009; 24 (6): 95-100
- **THA with Highly Cross-linked Polyethylene in Patients 50 Years or Younger** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Shia, D. S., Clohisy, J. C., Schinsky, M. F., Martell, J. M., Maloney, W. J.
2009; 467 (8): 2059-2065

- **Minimal Incision Surgery as a Risk Factor for Early Failure of Total Knee Arthroplasty** *JOURNAL OF ARTHROPLASTY*
Barrack, R. L., Barnes, C. L., Burnett, R. S., Miller, D., Clohisy, J. C., Maloney, W. J.
2009; 24 (4): 489-498
- **Meniscal root injury and spontaneous osteonecrosis of the knee: an observation.** *journal of bone and joint surgery. British volume*
Robertson, D. D., Armfield, D. R., Towers, J. D., Irrgang, J. J., Maloney, W. J., Harner, C. D.
2009; 91 (2): 190-195
- **Meniscal root injury and spontaneous osteonecrosis of the knee AN OBSERVATION** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Robertson, D. D., Armfield, D. R., Towers, J. D., Irrgang, J. J., Maloney, W. J., Harner, C. D.
2009; 91B (2): 190-195
- **Revision total knee arthroplasty for major osteolysis.** *The Iowa orthopaedic journal*
Burnett, R. S., Keeney, J. A., Maloney, W. J., Clohisy, J. C.
2009; 29: 28-37
- **Averaging different alignment axes improves femoral rotational alignment in computer-navigated total knee arthroplasty.** *journal of bone and joint surgery. American volume*
Siston, R. A., Cromie, M. J., Gold, G. E., Goodman, S. B., Delp, S. L., Maloney, W. J., Giori, N. J.
2008; 90 (10): 2098-2104
- **Averaging Different Alignment Axes Improves Femoral Rotational Alignment in Computer-Navigated Total Knee Arthroplasty** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Siston, R. A., Cromie, M. J., Gold, G. E., Goodman, S. B., Delp, S. L., Maloney, W. J., Giori, N. J.
2008; 90A (10): 2098-2104
- **Implementation of the American Society of Anesthesiologists Physical Status classification system in periodontal practice** *JOURNAL OF PERIODONTOLOGY*
Maloney, W. J., Weinberg, M. A.
2008; 79 (7): 1124-1126
- **Orthopedic surgery core curriculum hip and knee reconstruction** *73rd Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons*
Wadey, V. M., Maloney, W. J., Dev, P., Walker, D.
CMA-CANADIAN MEDICAL ASSOC.2008: 135-41
- **Highly cross-linked polyethylene bearing surfaces in total hip arthroplasty.** *Journal of surgical orthopaedic advances*
Atienza, C., Maloney, W. J.
2008; 17 (1): 27-33
- **Modified posterior approach total to hip arthroplasty to enhance joint stability** *Annual Closed Meeting of the International-Hip-Society*
Kim, Y. S., Kwon, S. Y., Sun, D. H., Han, S. K., Maloney, W. J.
SPRINGER.2008: 294-99
- **What is the outcome of treatment for osteolysis?** *AAOS/NIH Osteolysis and Implant Wear: Biological, Biomedical Engineering, and Surgical Principles*
Maloney, W., Rosenberg, A.
AMER ACAD ORTHOPAEDIC SURGEONS.2008: S26-S32
- **Torsional strength estimates of femoral diaphyses with endosteal lytic lesions: Dual-energy x-ray Absorptiometry study** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Robertson, D. D., Beck, T. J., Chan, B. W., Scott, W. W., Sharma, G. B., Maloney, W. J.
2007; 25 (10): 1343-1350
- **The 2007 ABJS Marshall Urist Award - The impact of direct-to-consumer advertising in orthopaedics** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Bozic, K. J., Smith, A. R., Hariri, S., Adeoye, S., Gourville, J., Maloney, W. J., Parsley, B., Rubash, H. E.
2007: 202-219
- **Clinical presentation of patients with tears of the acetabular labrum.** *journal of bone and joint surgery. American volume*
Burnett, R. S., Della Rocca, G. J., Prather, H., Curry, M., Maloney, W. J., Clohisy, J. C.
2006; 88 (7): 1448-1457

- **Clinical presentation of patients with tears of the acetabular labrum** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Burnett, R. S., Della Rocca, G. J., Prather, H., Curry, M., Maloney, W. J., Clohisy, J. C.
2006; 88A (7): 1448-1457
- **Efficacy of combined modality prophylaxis including short-duration warfarin to prevent venous thromboembolism after total hip arthroplasty** *JOURNAL OF ARTHROPLASTY*
Keeney, J. A., Clohisy, J. C., Curry, M. C., Maloney, W. J.
2006; 21 (4): 469-475
- **Management of acetabular bone loss.** *Instructional course lectures*
Maloney, W. J., Wadey, V. M.
2006; 55: 279-285
- **Removal of well-fixed cementless components.** *Instructional course lectures*
Maloney, W. J., Wadey, V. M.
2006; 55: 257-261
- **Acetabular and femoral radiographic abnormalities associated with labral tears** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Peelle, M. W., Della Rocca, G. J., Maloney, W. J., Curry, M. C., Clohisy, J. C.
2005: 327-333
- **Revision total knee arthroplasty for restricted motion** *Meeting of the Knee-Society*
Keeney, J. A., Clohisy, J. C., Curry, M., Maloney, W. J.
SPRINGER.2005: 135-40
- **The surgical management of femoral osteolysis** *4th Annual Spring Meeting on Current Concept in Joint Replacement*
Maloney, W. J.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2005: 75-78
- **Prospective dosing of warfarin based on cytochrome P-450C9 genotype** *THROMBOSIS AND HAEMOSTASIS*
Voora, D., Eby, C., Linder, M. W., Milligan, P. E., Bukaveckas, B. L., McLeod, H. L., Maloney, W., Clohisy, J., Burnett, R. S., Grosso, L., Gatchel, S. K., Gage, B. F.
2005; 93 (4): 700-705
- **In vivo transplantation of neonatal ovine neocartilage allografts: determining the effectiveness of tissue transglutaminase.** *The journal of knee surgery*
Lu, Y., Adkisson, H. D., Bogdanske, J., Kalscheur, V., Maloney, W., Cheung, R., Grodzinsky, A. J., Hruska, K. A., Markel, M. D.
2005; 18 (1): 31-42
- **Magnetic resonance arthrography versus arthroscopy in the evaluation of articular hip pathology** *Hip-Society 2004 Meeting*
Keeney, J. A., Peelle, M. W., Jackson, J., Rubin, D., Maloney, W. J., Clohisy, J. C.
SPRINGER.2004: 163-69
- **Biomechanics of large femoral heads - What they do and don't do** *Hip-Society 2004 Meeting*
Crowninshield, R. D., Maloney, W. J., Wentz, D. H., Humphrey, S. M., Blanchard, C. R.
SPRINGER.2004: 102-7
- **Reasons for revision hip surgery - A retrospective review** *Hip-Society 2004 Meeting*
Clohisy, J. C., Calvert, G., Tull, F., McDonald, D., Maloney, W. J.
SPRINGER.2004: 188-92
- **Leg length discrepancy after total hip arthroplasty** *Meeting on Current Concepts in Joint Replacement*
Maloney, W. J., Keeney, J. A.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2004: 108-10
- **The role of proximal femoral support in stress development within hip prostheses** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Crowninshield, R. D., Maloney, W. J., Wentz, D. H., Levine, D. L.
2004: 176-180
- **An AOA critical issue the outcome of the outcomes movement** *Joint Annual Meeting of the American-Orthopaedic-Association/Canadian-Orthopaedic-Association*

- Bourne, R. B., Maloney, W. J., Wright, J. G.
JOURNAL BONE JOINT SURGERY INC.2004: 633-40
- **An AOA critical issue. The outcome of the outcomes movement.** *journal of bone and joint surgery. American volume*
Bourne, R. B., Maloney, W. J., Wright, J. G.
2004; 86-A (3): 633-640
 - **Adenovirus mediated BMP-13 gene transfer induces chondrogenic differentiation of murine mesenchymal progenitor cells** *JOURNAL OF BONE AND MINERAL RESEARCH*
Nochi, H., Sung, J. H., Lou, J., Adkisson, H. D., Maloney, W. J., Hruska, K. A.
2004; 19 (1): 111-122
 - **Fluoroscopic analyses of cruciate-retaining and medial pivot knee implants** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Schmidt, R., Komistek, R. D., Blaha, J. D., Penenberg, B. L., Maloney, W. J.
2003: 139-147
 - **Human serum opsonization of orthopedic biomaterial particles: Protein-binding and monocyte/macrophage activation in vitro** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A*
Sun, D. H., Trindade, M. C., Nakashima, Y., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
2003; 65A (2): 290-298
 - **Human serum opsonization of orthopedic biomaterial particles: protein-binding and monocyte/macrophage activation in vitro.** *Journal of biomedical materials research. Part A*
Sun, D., Trindade, M. C., Nakashima, Y., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
2003; 65 (2): 290-298
 - **Cementless and cemented implants had similar survival in total knee replacement.** *journal of bone and joint surgery. American volume*
Maloney, W. J.
2003; 85-A (5): 973-?
 - **Femoral component design and patellar clunk syndrome** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Schmidt, R., Sculco, T. P.
2003: 199-202
 - **Knee kinematics and total knee replacement design.** *Clinical orthopaedics and related research*
Maloney, W. J., Clohisy, J. C.
2003: 3-4
 - **Orthopaedic crossfire--Larger femoral heads: a triumph of hope over reason! In opposition.** *journal of arthroplasty*
Maloney, W. J.
2003; 18 (3): 85-87
 - **Hip biomechanics: importance to functional imaging.** *Seminars in musculoskeletal radiology*
Robertson, D. D., Britton, C. A., Latona, C. R., Armfield, D. R., Walker, P. S., Maloney, W. J.
2003; 7 (1): 27-41
 - **Stimulation of BMP-2 expression by pro-inflammatory cytokines IL-1 and TNF-alpha in normal and osteoarthritic chondrocytes.** *journal of bone and joint surgery. American volume*
Fukui, N., Zhu, Y., Maloney, W. J., Clohisy, J., Sandell, L. J.
2003; 85-A: 59-66
 - **Stimulation of BMP-2 expression by pro-inflammatory cytokines IL-1 and TNF-alpha in normal and osteoarthritic chondrocytes** *4th International Conference on Bone Morphogenetic Proteins*
Fukui, N., Zhu, Y., Maloney, W. J., Clohisy, J., Sandell, L. J.
JOURNAL BONE JOINT SURGERY INC.2003: 59-66
 - **Analysis of long-term cemented total hip arthroplasty retrievals** *8th Meeting of the Hip-Society*
Maloney, W. J., Schmalzried, T., Harris, W. H.
SPRINGER.2002: 70-78
 - **Enhanced cross-linked polymers: The promise - In the affirmative** *ORTHOPEDICS*

-
- Maloney, W. J.
2002; 25 (9): 936-937
- **An American implant registry: A clinical use trip wire** *ORTHOPEDICS*
Maloney, W. J.
2002; 25 (9): 923-924
 - **Case challenges in knee surgery - What would you do?** *JOURNAL OF ARTHROPLASTY*
Hanssen, A. D., Dorr, L. D., Kurosaka, M., Maloney, W. J., Romagnoli, S., Ranawat, C. S.
2002; 17 (4): 83-89
 - **Common threads in hip, knee, and shoulder arthroplasty** *Spring 2001 Current Concepts in Joint Replacement Meeting*
Maloney, W. J.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2002: 2-2
 - **The stiff total knee arthroplasty - Evaluation and management** *Spring 2001 Current Concepts in Joint Replacement Meeting*
Maloney, W. J.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2002: 71-73
 - **Biochemical analyses of human macrophages activated by polyethylene particles retrieved from interface membranes after failed total hip arthroplasty** *JOURNAL OF ARTHROPLASTY*
Chiba, J., Maloney, W. J., Inoue, K., Rubash, H. E.
2001; 16 (8): 101-105
 - **Surgical treatment of pelvic osteolysis** *7th Open Meeting of the Hip-Society/American-Association-of-Hip-and-Knee-Surgeons*
Maloney, W. J., Paprosky, W., Engh, C. A., Rubash, H.
SPRINGER.2001: 78-84
 - **National Joint Replacement Registries: has the time come?** *journal of bone and joint surgery. American volume*
Maloney, W. J.
2001; 83-A (10): 1582-1585
 - **In vitro generation of scaffold independent neocartilage** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Adkisson, H. D., Gillis, M. P., Davis, E. C., Maloney, W., Hruska, K. A.
2001: S280-S294
 - **Knee challenges: What would you do?** *ORTHOPEDICS*
Maloney, W. J., Dorr, L. D., Cuckler, J. M., Whiteside, L. A., Cameron, H. U., Buechel, F. F.
2001; 24 (9): 911-913
 - **Hip challenges: What would you do?** *ORTHOPEDICS*
Dorr, L. D., Maloney, W. J., Gie, G., Goldberg, V. M., Engh, C. A., Mallory, T. H.
2001; 24 (9): 907-909
 - **Contemporary issues in total hip arthroplasty.** *American journal of orthopedics (Belle Mead, N.J.)*
Berry, D. J., Barrack, R. L., McKellop, H. A., Maloney, W.
2001; 30 (8): 626-632
 - **Ceramic bearing surfaces in total hip arthroplasty** *30th Annual Meeting of the Japan-Society-for-Replacement-Arthroplasty*
Nelsen-Freund, E. M., Jacobs, J. J., Maloney, W. J.
SPRINGER-VERLAG TOKYO.2001: 41-48
 - **G-protein activity requirement for polymethylmethacrylate and titanium particle-induced fibroblast interleukin-6 and monocyte chemoattractant protein-1 release in vitro** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH*
Trindade, M. C., Schurman, D. J., Maloney, W. J., Goodman, S. B., Smith, R. L.
2000; 51 (3): 360-368
 - **Socket retention: Staying in place** *ORTHOPEDICS*
Maloney, W. J.
2000; 23 (9): 965-966

- **The bearing surface in total hip arthroplasty: evolution or revolution.** *Instructional course lectures*
Sharkey, P. F., Hozack, W. J., Dorr, L. D., Maloney, W. J., Berry, D.
2000; 49: 41-56
- **Fixation, polyethylene wear, and pelvic osteolysis in primary total hip replacement** *27th Meeting of the Hip-Society*
Maloney, W. J., Galante, J. O., Anderson, M., Goldberg, V., Harris, W. H., Jacobs, J., Kraay, M., Lachiewicz, P., Rubash, H. E., Schutzer, S., Woolson, S. T.
SPRINGER.1999: 157-64
- **Interleukin-4 inhibits granulocyte-macrophage colony-stimulating factor, interleukin-6, and tumor necrosis factor-alpha expression by human monocytes in response to polymethylmethacrylate particle challenge in vitro** *44th Annual Meeting of the Orthopaedic-Research-Society*
Trindade, M. C., Nakashima, Y., Lind, M., Sun, D. H., Goodman, S. B., Maloney, W. J., Schurman, D. J., Smith, R. L.
JOHN WILEY & SONS INC.1999: 797-802
- **Interferon-gamma exacerbates polymethylmethacrylate particle-induced interleukin-6 release by human monocyte/macrophages in vitro** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH*
Trindade, M. C., Lind, M., Goodman, S. B., Maloney, W. J., Schurman, D. J., Smith, R. L.
1999; 47 (1): 1-7
- **Reduced bone stress as predicted by composite beam theory correlates with cortical bone loss following cemented total hip arthroplasty** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Silva, M. J., Reed, K. L., Robertson, D. D., Bragdon, C., Harris, W. H., Maloney, W. J.
1999; 17 (4): 525-531
- **Reexpression of type IIA procollagen by adult articular chondrocytes in osteoarthritic cartilage** *ARTHRITIS AND RHEUMATISM*
Aigner, T., Zhu, Y., Chansky, H. H., MATSEN, F. A., Maloney, W. J., Sandell, L. J.
1999; 42 (7): 1443-1450
- **Signaling pathways for tumor necrosis factor-alpha and interleukin-6 expression in human macrophages exposed to titanium-alloy particulate debris in vitro.** *journal of bone and joint surgery. American volume*
Nakashima, Y., Sun, D. H., Trindade, M. C., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
1999; 81 (5): 603-615
- **Signaling pathways for tumor necrosis factor-alpha and interleukin-6 expression in human macrophages exposed to titanium-alloy particulate debris in vitro** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Nakashima, Y., Sun, D. H., Trindade, M. C., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
1999; 81A (5): 603-615
- **Induction of macrophage C-C chemokine expression by titanium alloy and bone cement particles.** *journal of bone and joint surgery. British volume*
Nakashima, Y., Sun, D. H., Trindade, M. C., Chun, L. E., Song, Y., Goodman, S. B., Schurman, D. J., Maloney, W. J., Smith, R. L.
1999; 81 (1): 155-162
- **Induction of macrophage C-C chemokine expression by titanium alloy and bone cement particles** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Nakashima, Y., Sun, D. H., Trindade, M. C., Chun, L. E., Song, Y., Goodman, S. B., Schurman, D. J., Maloney, W. J., Smith, R. L.
1999; 81B (1): 155-162
- **Expression of inflammatory mediators by human macrophages in response to particulate debris in vitro** *28th Annual Meeting of the Japanese-Society-for- Replacement-Arthroplasty*
Nakashima, Y., Sun, D. H., Trindade, M., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L., Ushijima, M., Iwamoto, Y.
SPRINGER-VERLAG TOKYO.1999: 65-75
- **A new classification system for the management of acetabular osteolysis after total hip arthroplasty.** *Instructional course lectures*
Rubash, H. E., Sinha, R. K., Paprosky, W., Engh, C. A., Maloney, W. J.
1999; 48: 37-42
- **Adhesion and reliability of interfaces in cemented total joint arthroplasties** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Ohashi, K. L., Romero, A. C., McGowan, P. D., Maloney, W. J., Dauskardt, R. H.
1998; 16 (6): 705-714
- **Importance of a thin cement mantle - Autopsy studies of eight hips** *26th Open Scientific Meeting of the Hip Society*
Kawate, K., Maloney, W. J., Bragdon, C. R., Biggs, S. A., Jasty, M., Harris, W. H.

SPRINGER.1998: 70–76

- **Osteolysis in association with a total hip arthroplasty with ceramic bearing surfaces** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Yoon, T. R., Rowe, S. M., Jung, S. T., Seon, K. J., Maloney, W. J.
1998; 80A (10): 1459-1468
- **Cemented femoral component surface finish mechanics** *26th Open Scientific Meeting of the Hip Society*
Crowinshield, R. D., Jennings, J. D., Laurent, M. L., Maloney, W. J.
SPRINGER.1998: 90–102
- **Osteolysis in association with a total hip arthroplasty with ceramic bearing surfaces.** *journal of bone and joint surgery. American volume*
Yoon, T. R., Rowe, S. M., Jung, S. T., Seon, K. J., Maloney, W. J.
1998; 80 (10): 1459-1468
- **Effects of serum protein opsonization on cytokine release by titanium-alloy particles** *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH*
Maloney, W. J., Sun, D. H., Nakashima, Y., James, R., Smith, R. L.
1998; 41 (3): 371-376
- **Prediction of postoperative knee flexion in Insall-Burstein II total knee arthroplasty** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Schurman, D. J., Matityahu, A., Goodman, S. B., Maloney, W., Woolson, S., Shi, H., Bloch, D. A.
1998: 175-184
- **Induction of matrix metalloproteinase expression in human macrophages by orthopaedic particulate debris in vitro.** *journal of bone and joint surgery. British volume*
Nakashima, Y., Sun, D. H., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
1998; 80 (4): 694-700
- **Induction of matrix metalloproteinase expression in human macrophages by orthopaedic particulate debris in vitro** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Nakashima, Y., Sun, D. H., Maloney, W. J., Goodman, S. B., Schurman, D. J., Smith, R. L.
1998; 80B (4): 694-700
- **Cellular profile and cytokine production at prosthetic interfaces. Study of tissues retrieved from revised hip and knee replacements.** *journal of bone and joint surgery. British volume*
Goodman, S. B., Huie, P., Song, Y., Schurman, D., Maloney, W., Woolson, S., Sibley, R.
1998; 80 (3): 531-539
- **Cellular profile and cytokine production at prosthetic interfaces - Study of tissues retrieved from revised hip and knee replacements** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Goodman, S. B., Huie, P., Song, Y., Schurman, D., Maloney, W., Woolson, S., Sibley, R.
1998; 80B (3): 531-539
- **Deep venous thrombosis prophylaxis for knee replacement: warfarin and pneumatic compression.** *American journal of orthopedics (Belle Mead, N.J.)*
Woolson, S. T., Robinson, R. K., Khan, N. Q., Roqers, B. S., Maloney, W. J.
1998; 27 (4): 299-304
- **Factor V Leiden and the risk of proximal venous thrombosis after total hip arthroplasty** *JOURNAL OF ARTHROPLASTY*
Woolson, S. T., Zehnder, J. L., Maloney, W. J.
1998; 13 (2): 207-210
- **Osteolysis: Cause and effect** *64th Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons*
Sinha, R. K., Shanbhag, A. S., Maloney, W. J., Hasselman, C. T., Rubash, H. E.
AMER ACAD ORTHOPAEDIC SURGEONS.1998: 307–320
- **Osteolysis: Surgical treatment** *64th Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons*
Rubash, H. E., Sinha, R. K., Maloney, W. J., Paprosky, W. G.
AMER ACAD ORTHOPAEDIC SURGEONS.1998: 321–329
- **Fatigue fracture of a forged cobalt-chromium-molybdenum femoral component inserted with cement. A report of ten cases.** *journal of bone and joint surgery. American volume*
Woolson, S. T., Milbauer, J. P., Bobyn, J. D., Yue, S., Maloney, W. J.

1997; 79 (12): 1842-1848

- **Fatigue fracture of a forged cobalt-chromium-molybdenum femoral component inserted with cement - A report of ten cases** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Woolson, S. T., Milbauer, J. P., Bobyn, J. D., Yue, S., Maloney, W. J.
1997; 79A (12): 1842-1848
- **Treatment of pelvic osteolysis associated with a stable acetabular component inserted without cement as part of a total hip replacement.** *journal of bone and joint surgery. American volume*
Maloney, W. J., Herzwurm, P., Paprosky, W., Rubash, H. E., Engh, C. A.
1997; 79 (11): 1628-1634
- **Treatment of pelvic osteolysis associated with a stable acetabular component inserted without cement as part of a total hip replacement** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Herzwurm, P., Paprosky, W., Rubash, H. E., Engh, C. A.
1997; 79A (11): 1628-1634
- **Loosening and osteolysis of cemented joint arthroplasties - A biologic spectrum** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Goodman, S. B., Huie, P., Song, Y., Lee, K., Doshi, A., Rushdieh, B., Woolson, S., Maloney, W., Schurman, D., Sibley, R.
1997: 149-163
- **Osteoarthritis: Differential expression of matrix metalloproteinase-9 mRNA in nonfibrillated and fibrillated cartilage** *40th Annual Meeting of the Orthopaedic-Research-Society*
Tsuchiya, K., Maloney, W. J., Vu, T., Hoffman, A. R., Huie, P., Sibley, R., Schurman, D. J., Smith, R. L.
WILEY-BLACKWELL.1997: 94-100
- **The implant-bone interface and the effects of particulate debris** *2nd International Workshop on Osseointegration in Skeletal Reconstruction and Joint Replacement*
Maloney, W. J., Engh, C. A.
QUINTESENCE PUBL CO INC.1997: 203-213
- **The fibrous tissue interface surrounding well-fixed, revised, cementless acetabular components for hip replacement** *Symposium on Modularity of Orthopedic Implants*
Goodman, S. B., Huie, P., Song, Y., OConnor, M., Woolson, S. T., Maloney, W. J., Schurman, D. J., Sibley, R.
AMERICAN SOCIETY TESTING AND MATERIALS.1997: 21-32
- **The Otto Aufranc Award. Skeletal response to well fixed femoral components inserted with and without cement.** *Clinical orthopaedics and related research*
Maloney, W. J., Sychterz, C., Bragdon, C., McGovern, T., Jasty, M., Engh, C. A., Harris, W. H.
1996: 15-26
- **Skeletal response to well fixed femoral components inserted with and without cement** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Sychterz, C., Bragdon, C., McGovern, T., Jasty, M., Engh, C. A., Harris, W. H.
1996: 15-26
- **Osteoblast adhesion to orthopaedic implant alloys: Effects of cell adhesion molecules and diamond-like carbon coating** *21st Annual Meeting of the Society-for-Biomaterials*
Kornu, R., Maloney, W. J., Kelly, M. A., Smith, R. L.
JOHN WILEY & SONS INC.1996: 871-77
- **RT-PCR analysis of MMP-9 expression in human articular cartilage chondrocytes and synovial fluid cells** *BIOTECHNIC & HISTOCHEMISTRY*
Tsuchiya, K., Maloney, W. J., Vu, T., Hoffman, A. R., Schurman, D. J., Smith, R. L.
1996; 71 (4): 208-213
- **In vitro activation of human fibroblasts by retrieved titanium alloy wear debris** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Manlapaz, M., Maloney, W. J., Smith, R. L.
1996; 14 (3): 465-472
- **Chondrocytes from osteoarthritic cartilage have increased expression of insulin-like growth factor I (IGF-I) and IGF-binding protein-3 (IGFBP-3) and -5, but not IGF-II or IGFBP-4** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Olney, R. C., Tsuchiya, K., Wilson, D. M., Mohtai, M., Maloney, W. J., Schurman, D. J., Smith, R. L.
1996; 81 (3): 1096-1103

- **Increasing incidence of femoral osteolysis in association with uncemented Harris-Galante total hip arthroplasty - A follow-up report** *JOURNAL OF ARTHROPLASTY*
Maloney, W. J., Woolson, S. T.
1996; 11 (2): 130-134
- **Periprosthetic osteolysis in total hip arthroplasty: The role of particulate wear debris** *1995 Instructional Course Lectures, at the Annual Meeting of the American-Academy-of-Orthopaedic-Surgeons*
Maloney, W. J., Smith, R. L.
AMER ACAD ORTHOPAEDIC SURGEONS.1996: 171-182
- **Human macrophage response to retrieved titanium alloy particles in vitro** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., James, R. E., Smith, R. L.
1996: 268-278
- **ISOLATION AND CHARACTERIZATION OF WEAR PARTICLES GENERATED IN PATIENTS WHO HAVE HAD FAILURE OF A HIP-ARTHROPLASTY WITHOUT CEMENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Smith, R. L., Schmalzried, T. P., Chiba, J., HUENE, D., Rubash, H.
1995; 77 (9): 1301-1310
- **PERIPROSTHETIC OSTEOLYSIS IN TOTAL HIP-ARTHROPLASTY - THE ROLE OF PARTICULATE WEAR DEBRIS** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Smith, R. L.
1995; 77 (9): 1448-1461
- **ETIOLOGY OF OSTEOLYSIS AROUND POROUS-COATED CEMENTLESS TOTAL HIP ARTHROPLASTIES** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Jasty, M., Bragdon, C., Jiranek, W., Chandler, H., Maloney, W., Harris, W. H.
1994: 111-126
- **EFFECTS OF METALLIC DEBRIS ON ADULT BOVINE ARTICULAR CHONDROCYTE METABOLISM IN-VITRO** *JOURNAL OF APPLIED BIOMATERIALS*
Maloney, W. J., CASTRO, F., Schurman, D. J., Smith, R. L.
1994; 5 (2): 109-115
- **COMPENSATING FOR CHANGES IN MUSCLE LENGTH IN TOTAL HIP-ARTHROPLASTY - EFFECTS ON THE MOMENT GENERATING CAPACITY OF THE MUSCLES** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Vasavada, A. N., Delp, S. L., Maloney, W. J., Schurman, D. J., Zajac, F. E.
1994: 121-133
- **A quantitative in vitro assessment of fit and screw fixation on the stability of a cementless hemispherical acetabular component.** *journal of arthroplasty*
Kwong, L. M., O'Connor, D. O., SEDLACEK, R. C., Krushell, R. J., Maloney, W. J., Harris, W. H.
1994; 9 (2): 163-170
- **Severe osteolysis of the pelvic in association with acetabular replacement without cement.** *journal of bone and joint surgery. American volume*
Maloney, W. J., Peters, P., Engh, C. A., Chandler, H.
1993; 75 (11): 1627-1635
- **SEVERE OSTEOLYSIS OF THE PELVIS IN ASSOCIATION WITH ACETABULAR REPLACEMENT WITHOUT CEMENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Peters, P., Engh, C. A., Chandler, H.
1993; 75A (11): 1627-1635
- **Fibroblast response to metallic debris in vitro. Enzyme induction cell proliferation, and toxicity.** *journal of bone and joint surgery. American volume*
Maloney, W. J., Smith, R. L., CASTRO, F., Schurman, D. J.
1993; 75 (6): 835-844
- **FIBROBLAST RESPONSE TO METALLIC DEBRIS IN-VITRO - ENZYME-INDUCTION, CELL-PROLIFERATION, AND TOXICITY** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Smith, R. L., CASTRO, F., Schurman, D. J.
1993; 75A (6): 835-844

- **AUTOPSY STUDIES OF THE BONE-CEMENT INTERFACE IN WELL-FIXED CEMENTED TOTAL HIP ARTHROPLASTIES** *SPECIAL MEETING OF THE HIP IMPLANT RETRIEVAL COMMITTEE OF THE HIP SOC : IMPLANT RETRIEVAL ANALYSIS*
Schmalzried, T. P., Maloney, W. J., Jasty, M., Kwong, L. M., Harris, W. H.
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.1993: 179-88
- **EFFECTS OF HIP CENTER LOCATION ON THE MOMENT-GENERATING CAPACITY OF THE MUSCLES** *JOURNAL OF BIOMECHANICS*
Delp, S. L., Maloney, W.
1993; 26 (4-5): 485-499
- **THE CEMENT INTERFACE - RETRIEVAL STUDIES** *7TH ANNUAL BRISTOL-MYERS SQUIBB / ZIMMER ORTHOPAEDIC RESEARCH SYMP : BIOLOGICAL, MATERIAL, AND MECHANICAL CONSIDERATIONS OF JOINT REPLACEMENT*
Maloney, W. J., Schmalzried, T. P., Jasty, M., Kwong, L. M., Harris, W. H.
RAVEN PRESS.1993: 51-69
- **SEGMENTAL CEMENT EXTRACTION AT REVISION TOTAL HIP-ARTHROPLASTY** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Schurman, D. J., Maloney, W. J.
1992: 158-163
- **Bone ingrowth into a low-modulus composite plastic porous-coated canine femoral component.** *journal of arthroplasty*
Jasty, M., Bragdon, C. R., Maloney, W. J., Mulroy, R., HAIRE, T., Crowninshield, R. D., Harris, W. H.
1992; 7 (3): 253-259
- **BEAD LOOSENING FROM A POROUS-COATED ACETABULAR COMPONENT - A FOLLOW-UP NOTE** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Davey, J. R., Harris, W. H.
1992: 112-114
- **PROPHYLAXIS FOR HETEROTOPIC BONE-FORMATION AFTER TOTAL HIP-ARTHROPLASTY USING LOW-DOSE RADIATION IN HIGH-RISK PATIENTS** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Jasty, M., Willett, C., MULROY, R. D., Harris, W. H.
1992: 230-234
- **THE EFFECTS OF IMPLANT DESIGN ON RANGE OF MOTION AFTER TOTAL KNEE ARTHROPLASTY - TOTAL CONDYLAR VERSUS POSTERIOR STABILIZED TOTAL CONDYLAR DESIGNS** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Schurman, D. J.
1992: 147-152
- **The progression of femoral cortical osteolysis in association with total hip arthroplasty without cement.** *journal of bone and joint surgery. American volume*
Tanzer, M., Maloney, W. J., Jasty, M., Harris, W. H.
1992; 74 (3): 404-410
- **THE PROGRESSION OF FEMORAL CORTICAL OSTEOLYSIS IN ASSOCIATION WITH TOTAL HIP-ARTHROPLASTY WITHOUT CEMENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Tanzer, M., Maloney, W. J., Jasty, M., Harris, W. H.
1992; 74A (3): 404-410
- **THE HISTOLOGY OF THE RADIOLUCENT LINE** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Kwong, L. M., Jasty, M., MULROY, R. D., Maloney, W. J., Bragdon, C., Harris, W. H.
1992; 74 (1): 67-73
- **ENDOSTEAL OSTEOLYSIS AROUND WELL-FIXED POROUS-COATED CEMENTLESS FEMORAL COMPONENTS** *SYMP ON BIOCOMPATIBILITY OF PARTICULATE IMPLANT MATERIALS*
Jasty, M., Maloney, W. J., Harris, W. H., Galante, J. O., Callaghan, J. J.
AMER SOC TESTING AND MATERIALS.1992: 61-67
- **Cementless total hip arthroplasty using a porous-coated prosthesis for bone ingrowth fixation. 3 1/2-year follow-up.** *journal of arthroplasty*
Woolson, S. T., Maloney, W. J.
1992; 7: 381-388
- **In vitro study of initial stability of a conical collared femoral component.** *journal of arthroplasty*
Fischer, K. J., Carter, D. R., Maloney, W. J.

1992; 7: 389-395

- **Ingrowth of bone in failed fixation of porous-coated femoral components.** *journal of bone and joint surgery. American volume*
Jasty, M., Bragdon, C. R., Maloney, W. J., HAIRE, T., Harris, W. H.
1991; 73 (9): 1331-1337
- **INGROWTH OF BONE IN FAILED FIXATION OF POROUS-COATED FEMORAL COMPONENTS** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Jasty, M., Bragdon, C. R., Maloney, W. J., HAIRE, T., Harris, W. H.
1991; 73A (9): 1331-1337
- **THE INITIATION OF FAILURE IN CEMENTED FEMORAL COMPONENTS OF HIP ARTHROPLASTIES** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Jasty, M., Maloney, W. J., Bragdon, C. R., OCONNOR, D. O., HAIRE, T., Harris, W. H.
1991; 73 (4): 551-558
- **INTRAOPERATIVE MEASUREMENT OF ROTATIONAL STABILITY OF FEMORAL COMPONENTS OF TOTAL HIP-ARTHROPLASTY** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Harris, W. H., MULROY, R. D., Maloney, W. J., Burke, D. W., Chandler, H. P., ZALENSKI, E. B.
1991: 119-126
- **Incidence of heterotopic ossification after total hip replacement: effect of the type of fixation of the femoral component.** *journal of bone and joint surgery. American volume*
Maloney, W. J., Krushell, R. J., Jasty, M., Harris, W. H.
1991; 73 (2): 191-193
- **INCIDENCE OF HETEROTOPIC OSSIFICATION AFTER TOTAL HIP-REPLACEMENT - EFFECT OF THE TYPE OF FIXATION OF THE FEMORAL COMPONENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Krushell, R. J., Jasty, M., Harris, W. H.
1991; 73A (2): 191-193
- **SIMULTANEOUS CORRECTION OF PELVIC OBLIQUITY, FRONTAL PLANE, AND SAGITTAL PLANE DEFORMITIES IN NEUROMUSCULAR SCOLIOSIS USING A UNIT ROD WITH SEGMENTAL SUBLAMINAR WIRES - A PRELIMINARY-REPORT** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
Maloney, W. J., Rinsky, L. A., Gamble, J. G.
1990; 10 (6): 742-749
- **BONE LYSIS IN WELL-FIXED CEMENTED FEMORAL COMPONENTS** *JOURNAL OF BONE AND JOINT SURGERY-BRITISH VOLUME*
Maloney, W. J., Jasty, M., Rosenberg, A., Harris, W. H.
1990; 72 (6): 966-970
- **COMPARISON OF A HYBRID WITH AN UNCEMENTED TOTAL HIP-REPLACEMENT - A RETROSPECTIVE MATCHED-PAIR STUDY** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Maloney, W. J., Harris, W. H.
1990; 72A (9): 1349-1352
- **Histomorphological studies of the long-term skeletal responses to well fixed cemented femoral components.** *journal of bone and joint surgery. American volume*
Jasty, M., Maloney, W. J., Bragdon, C. R., HAIRE, T., Harris, W. H.
1990; 72 (8): 1220-1229
- **HISTOMORPHOLOGICAL STUDIES OF THE LONG-TERM SKELETAL RESPONSES TO WELL FIXED CEMENTED FEMORAL COMPONENTS** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Jasty, M., Maloney, W. J., Bragdon, C. R., HAIRE, T., Harris, W. H.
1990; 72A (8): 1220-1229
- **B-mode ultrasound scanning in the detection of proximal venous thrombosis after total hip replacement.** *journal of bone and joint surgery. American volume*
Woolson, S. T., MCCRORY, D. W., Walter, J. F., Maloney, W. J., Watt, J. M., CAHILL, P. D.
1990; 72 (7): 983-987
- **ENDOSTEAL EROSION IN ASSOCIATION WITH STABLE UNCEMENTED FEMORAL COMPONENTS** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*

- Maloney, W. J., Jasty, M., Harris, W. H., Galante, J. O., Callaghan, J. J.
1990; 72A (7): 1025-1034
- **B-MODE ULTRASOUND SCANNING IN THE DETECTION OF PROXIMAL VENOUS THROMBOSIS AFTER TOTAL HIP-REPLACEMENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Woolson, S. T., MCCRORY, D. W., Walter, J. F., Maloney, W. J., Watt, J. M., CAHILL, P. D.
1990; 72A (7): 983-987
 - **Endosteal erosion in association with stable uncemented femoral components.** *journal of bone and joint surgery. American volume*
Maloney, W. J., Jasty, M., Harris, W. H., Galante, J. O., Callaghan, J. J.
1990; 72 (7): 1025-1034
 - **THE INFLUENCE OF CONTINUOUS PASSIVE MOTION ON OUTCOME IN TOTAL KNEE ARTHROPLASTY** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Schurman, D. J., HANGEN, D., Goodman, S. B., Edworthy, S., Bloch, D. A.
1990: 162-168
 - **HYBRID TOTAL HIP-ARTHROPLASTY** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Harris, W. H., Maloney, W. J.
1989: 21-29
 - **BIOMECHANICAL AND HISTOLOGIC INVESTIGATION OF CEMENTED TOTAL HIP ARTHROPLASTIES - A STUDY OF AUTOPSY-RETRIEVED FEMURS AFTER INVIVO CYCLING** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Jasty, M., Burke, D. W., OCONNOR, D. O., ZALENSKI, E. B., Bragdon, C., Harris, W. H.
1989: 129-140
 - **External iliac arteriovenous fistula following total hip arthroplasty. A case report.** *journal of arthroplasty*
Woolson, S. T., Maloney, W. J., Tanner, J. B.
1989; 4 (3): 281-284
 - **CAST IMMOBILIZATION AFTER TOTAL ELBOW ARTHROPLASTY - A SAFE COST-EFFECTIVE METHOD OF INITIAL POSTOPERATIVE CARE** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Schurman, D. J.
1989: 117-122
 - **DIGIT REPLANTATION APPLYING THE LEECH HIRUDO-MEDICINALIS** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
BRODY, G. A., Maloney, W. J., Hentz, V. R.
1989: 133-137
 - **UNUNITED LOWER-LIMB FRACTURES** *WESTERN JOURNAL OF MEDICINE*
CSONGRADI, J. J., Maloney, W. J.
1989; 150 (6): 675-680
 - **BENIGN METASTASIZING GIANT-CELL TUMOR OF BONE - REPORT OF 3 CASES AND REVIEW OF THE LITERATURE** *CLINICAL ORTHOPAEDICS AND RELATED RESEARCH*
Maloney, W. J., Vaughan, L. M., Jones, H. H., Ross, J., Nagel, D. A.
1989: 208-215
 - **SUPERFICIAL FEMORAL PSEUDOANEURYSM AND ARTERIAL THROMBOEMBOLISM CAUSED BY AN OSTEOCHONDROMA** *JOURNAL OF PEDIATRIC ORTHOPAEDICS*
Woolson, S. T., Maloney, W. J., James, D. R.
1989; 9 (3): 335-337
 - **Time-related improvement in the range of motion of the hip after total replacement.** *journal of bone and joint surgery. American volume*
Woolson, S. T., Maloney, W. J., Schurman, D. J.
1985; 67 (8): 1251-1254
 - **TIME-RELATED IMPROVEMENT IN THE RANGE OF MOTION OF THE HIP AFTER TOTAL REPLACEMENT** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Woolson, S. T., Maloney, W. J., Schurman, D. J.
1985; 67A (8): 1251-1254

- **Methemoglobinemia in an infant.** *Arizona medicine*
Maloney, W. J., MACFARLANE, M. T., Rimsza, M. E.
1983; 40 (10): 700-702