

Curriculum Vitae: Hari Parvataneni
Orthopaedic Surgery, Florida Orthopaedic Institute
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ACADEMIC TRAINING:

1995 M.B.,B.S. University of the West Indies School of Medicine

POSTDOCTORAL TRAINING:

1995-1996 Intern, Kingston Regional Hospitals, Kingston, Jamaica
1997-2000 Research Fellow, Hospital for Special Surgery, New York, NY
2000-2001 Intern, Mayo Clinic, Rochester, MN
2001-2006 House Officer / Resident in Orthopaedic Surgery, Lenox Hill Hospital, New York, NY
2006-2007 Arthroplasty Fellow, Massachusetts General Hospital, Boston, MA

ACADEMIC APPOINTMENTS:

8/2007-3/2010 Assistant Professor of Orthopaedic Surgery, University of Miami
4/2010-6/2010 Associate Professor of Orthopaedic Surgery, University of Miami
8/2009-6/2010 Associate Residency Program Director (Orthopaedic Surgery), University of Miami
(Appointed Program Director as of July 2010 but resigned from University of Miami)
8/2010-9/2011 Orthopaedic Surgery, Boston University
10/2011-6/2020 Associate Professor of Orthopaedic Surgery, University of Florida
7/2020-8/2023 Professor of Orthopaedic Surgery, University of Florida
2/2024-Current Professor of Orthopaedic Surgery, University of South Florida

HOSPITAL APPOINTMENTS:

2007-2010 Attending Orthopaedic Surgeon, University of Miami Hospital, Miami, FL
2007-2010 Attending Orthopaedic Surgeon, Jackson Memorial Hospital, Miami, FL
8/2010-9/2011 Attending Orthopaedic Surgeon, Boston Medical Center, Boston, MA
10/2011-8/2023 Attending Orthopaedic Surgeon, University of Florida / Shands Hospital, Gainesville, FL
8/2023-Current Orthopaedic Surgeon, HCA North Florida Hospital

HONORS:

2003 Lenox Hill Hospital Resident Research Award
2006 Lenox Hill Hospital Resident Research Award
2006 Harry D Fein award for excellence, professionalism & compassion in residency
2009 Teacher of the Year, University of Miami Orthopaedic Residency
2011 Emerging Leader Forum, Boston University
2011 Distinguished Alumni Lecture, Lenox Hill Hospital
2012 Exemplary Teacher Award, University of Florida
2013 Chairman's Quality Award, Orthopaedic Surgery, University of Florida
2013 Peter Gearen, MD Endowed Professorship
2014 UFHealth & Shands Customer Service is Key Award
2014 Exemplary Teacher Award, University of Florida
2015 UFHealth Shands Physician Customer Service Award
2015 Teacher of the Year, University of Florida Orthopaedic Residency
2015 Exemplary Teacher Award, University of Florida
2015 UFHealth Shands Physician Recognition Award
2016 Chairman's Quality Award, Orthopaedic Surgery, University of Florida
2016 Exemplary Mentor, University of Florida MDU 4004 Physician Shadowing Course
2017 Chairman's Quality Award, Orthopaedic Surgery, University of Florida
2017 Exemplary Teacher Award, University of Florida
2017 Best Paper – Musculoskeletal Infection Society, Boston MA

2018	UF Physicians Award - Top Percentile Nationally (Press Ganey Patient Surveys)
2018-2019	Collaborative Executive Talent Development Program, UF Health
2019	Winning Poster - American Academy of Pain Medicine Annual Meeting, Denver CO
2019	Best Improvement Project - Team Safety & Quality Awards - UFHealth Quality Week

LICENSES AND CERTIFICATION:

2007	Florida License # ME98295
2009	Diplomate, American Board of Orthopaedic Surgery

DEPARTMENTAL AND UNIVERSITY COMMITTEES:

2021	UF Health External Review Committee for the Department of Urology
2021	PhD Committee (School of Engineering). Candidate - Jessica Aldrich
2019, 2021	Departmental Compensation Committee
2018-2021	Philanthropy Champions Group, UF Health
2015-2019	Patient and Family Centered Care: Lead Physician of Multidisciplinary Group, UF Health
2014	Strategic Plan Clinical Sub-Committee (Multidisciplinary Care), UF Health
2013-2014	Professional Practice Oversight Committee, UFHealth
2012-2021	Residency Selection Committee, Orthopaedic Surgery, University of Florida
2012-2021	Clinical Competency Committee, Orthopaedic Surgery Residency, University of Florida
2011-2020	Departmental Morbidity and Mortality Conference Organizer
2011-2014	Physician Director of Quality, Orthopaedic Surgery, University of Florida
8/2010-9/2011	Orthopaedic Surgery Quality and Safety Officer, Boston Medical Center
2008-2010	Residency Selection Committee, Orthopaedic Surgery, University of Miami
2008-2010	Residency Education Committee, Orthopaedic Surgery, University of Miami
2008-2010	Operating Room Committee, University of Miami Hospital
2008-2010	Surgical Peer Review Committee, University of Miami Hospital
2008	Medical School Admissions Committee, University of Miami
2005-2006	Orthopaedic Surgery Chief Resident, Lenox Hill Hospital, New York, NY

TEACHING EXPERIENCE AND RESPONSIBILITIES / MAJOR MENTORING ACTIVITIES:

8/2007-6/2010	Full time clinical and academic instructor to orthopaedic surgery residents, fellows and medical, nursing and physical therapy students, University of Miami
8/2010-9/2011	Full time clinical and academic instructor to orthopaedic surgery residents, Boston Medical Center
10/2011-8/2023	Full time clinical and academic instructor to orthopaedic surgery residents and medical students, University of Florida
8/2013-8/2023	Arthroplasty Fellowship Director and Mentor to Arthroplasty Fellows

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

8/2009-6/2010	Chief, Division of Arthroplasty, University of Miami
8/2009-6/2010	Associate Residency Program Director (Orthopaedic Surgery), University of Miami
2/2018-4/2018	Interim Residency Program Director (Orthopaedic Surgery), University of Florida
9/2012-6/2021	Chief, Division of Arthroplasty, University of Florida
8/2013-8/2023	Arthroplasty Fellowship Director, University of Florida

PROFESSIONAL SOCIETIES: MEMBERSHIPS, COMMITTEE ASSIGNMENTS, EDITORIAL BOARDS:

Fellow of the American Association of Hip and Knee Surgeons (AAHKS)
 Fellow of the American Association of Orthopaedic Surgeons (AAOS)
 2012 Annual Meeting Program Review Committee (American Association of Hip and Knee Surgeons)
 2015 Annual Meeting Program Committee (Florida Orthopaedic Society)
 2015 Annual Meeting (Florida Orthopaedic Society) – Moderator for Arthroplasty Breakout Session

2015, 2019 Pain Medicine – Reviewer for Manuscript Submissions
 2015-Current Arthroplasty Today – Peer Reviewer
 2016-18 Annual Meeting Program Review Committee (American Association of Hip and Knee Surgeons)
 2016-22 Adult Reconstruction Knee Program Committee (American Academy of Orthopaedic Surgeons)
 2016-22 Hip, Knee and Adult Reconstruction Evaluation Committee (AAOS)
 2016 Annual Meeting Program Committee (Florida Orthopaedic Society)
 2016-Current Arthroplasty Today – Journal Editorial Board Member
 2016-Current Journal of Arthroplasty – Peer Reviewer
 2016-17 Co-Guest Editor – Techniques in Orthopedics
 2017 Annual Meeting Program Chair (Florida Orthopaedic Society)
 2017-Current RAEducation.com – Editorial Board
 2018 Annual Meeting Program Committee (Florida Orthopaedic Society)
 2018-Current Evidence - Based Rater for MORE (McMaster Online Rating of Evidence)
 2019 Annual Meeting Program Committee (Florida Orthopaedic Society)
 2019, 2020 Annual Meeting Program Committee (American College of Perioperative Medicine –
 Interdisciplinary Conference on Orthopaedic Value Based Care)
 2019-Current- American Board of Orthopaedic Surgery - National Examiner
 2021-Current Journal of Arthroplasty – Journal Editorial Board Member and Elite Reviewer
 2021-Current Operative Techniques in Orthopaedics – Associate Editor
 2021 Co-Guest Editor – Operative Techniques in Orthopaedics – Knee Arthroplasty Issue
 2023-2025 AAHKS Fellowship Match Oversight Committee
 2023-2024 AAHKS Fellowship Accreditation Task Force
 2023-Current Hip Arthroplasty Co-Chair - OrthoSummit Annual Meeting
 2024-2026 AAHKS Fellowship Committee

Current & Past Research Grants and Support:

Innervation of the knee and TMJ – NIH Grant 1UC2AR082196-01 (PI: Kyle Allen, PhD)

A Randomized Controlled Trial of Alternating Irrigation of Vancomycin HCl and Tobramycin Sulfate in Patients Undergoing Two-Stage Exchange Arthroplasty for Periprosthetic Joint Infection of the Hip or Knee – APEX multicenter FDA Trial (PI: Hari Parvataneni, MD)

Hematopoietic Stem Cell Dysfunction in the Elderly after Severe Injury - NIH Grant 1R01GM113945-01 (PI: Philip Efron, MD)

Impact of Total Knee Replacement Surgery on Trajectory of Cognitive Decline in Individuals with Mild Cognitive Impairment (MCI) - Florida Department of Health Education Ethel Moore Alzheimer Grant (PI: Catherine Price PhD)

Exploration of Biomarkers and Clinical Assessment of Patients Undergoing Total Knee Replacement Surgery and Their Perioperative Outcomes - I. Heermann Anesthesia Foundation Grant (PI: Amanda Frantz, MD)

Blood Flow Restriction Exercise for Older Patients Undergoing Knee Replacement Surgery - CTSI 2016 Translational Pilot Grant (PI: Rene Przkora, MD)

Neuroimaging Biomarkers for post-operative cognitive decline in older adults - NIH R01 Grant NR014181 (PI: Catherine Price PhD)

Genotype-Guided Pain Management in Patients Undergoing Arthroplasty Surgery – NIH / CTSI Learning Health Systems Grant 2018 (PI: Julie Johnson PharmD)

Invited Lectures and Presentations:

- 1/27/23-1/28/23 My THR still hurts - Tips to determine why / Does My Approach Affect Implant Choice / Moderator Revision Arthroplasty Session – HSS Technology Symposium -Ft Lauderdale, FL
- 1/17/23 Compliance vs Quality - The difference lies in Physician Leadership – Northwell Health Orthopaedic Surgery GR
- 12/8/22 Compliance vs Quality - The difference lies in Physician Leadership – UFHealth Orthopaedic Surgery GR
- 10/20/22 How to effectively use the OR as a classroom – UF Health Faculty Bootcamp
- 10/6/22 Guest Surgeon - Arthroplasty Grand Rounds (Evaluation of the painful THA / Acetabular Positioning in THA / Case Reviews) – Orthopaedic Medical Group of Tampa Bay
- 9/24/22 Going Against The Rules: The Dorr C Femur In A Young Patient – Why I Choose & How I Achieve A Press Fit - Orthopaedic Summit / Evolving Technologies. Boston, MA
- 6/25/22 Arthroplasty Panel on Best Practices for TJA – Florida Orthopaedic Society Arthroplasty Breakout Session
- 1/29/22 My THR still hurts – Tips to determine why / Does My Approach Affect Implant Choice / Moderator Session on Revision Arthroplasty – Holy Cross Orthopaedic Symposium – Fort Lauderdale, FL
- 12/11/21-12/13/21 Evolving Technique: Collared Cementless Stems: Bill Harris Taught Us Years Ago, Enhanced Stability Without Cement / Evolving Technique Update: The Painful Total Hip Arthroplasty: I Thought I Did It Right - How To Evaluate & Fix The Problem / Hip Arthroplasty Case Panelist - Orthopaedic Summit / Evolving Technologies. Las Vegas, NV
- 9/3/21 Session Moderator – Adult Reconstruction Knee VIII (797-807); Economics & TKA, AAOS
- 1/14/21 Integrating Quality Improvement into Arthroplasty Care – University of Miami Orthopaedic Surgery Grand Rounds. Virtual
- 12/11/20 My Algorithm To The Painful Total Hip Arthroplasty: When The Patient Says It Feels Bad & The X-Ray Looks Good / Hip Arthroplasty Case Panelist - Orthopaedic Summit / Evolving Technologies. Virtual
- 9/4/20 Compliance vs Quality - The difference lies in Physician Leadership – UF Health General Surgery Grand Rounds. Virtual
- 3/24/20 Session Moderator – Adult Reconstruction Knee II (091-105); Economics and TKA, AAOS
- 1/24/20-1/25/20 My THR still hurts – Tips to determine why / How I choose my stem and tips to get it right / Moderator Session on Revision Arthroplasty – Holy Cross Orthopaedic Symposium – Fort Lauderdale, FL
- 12/11/19 Evolving Technique: Collared Cementless Stems: Bill Harris Taught Us Years Ago, Enhanced Stability Without Cement / Evolving Technique Update: The Painful Total Hip Arthroplasty: I Thought I Did It Right - How To Evaluate & Fix The Problem - Orthopaedic Summit / Evolving Technologies. Las Vegas, NV
- 3/25/19 Common Goals, Differing Perspectives: Effective Collaboration Among Anesthesiologists, Hospitalists and Surgeons – Society of Hospital Medicine, National Harbor, MD
- 3/7/19 The Case for Preemptive Pharmacogenomic Testing - Precision Medicine Conference, Orlando, FL
- 1/25/19-1/26/19 The Bundle – My Top 5 Tips, The Gainesville Experience / Moderator Session on Revision Arthroplasty – Holy Cross & MGH Orthopaedic Symposium – Fort Lauderdale, FL
- 3/10/18 Clinical Evaluation of the Alpha Defensin Test in Diagnosing Prosthetic Joint Infections – Featured Paper – Musculoskeletal Infection Society Specialty Day, AAOS 2018
- 3/8/18 Session Moderator – Adult Reconstruction Knee VI (613-627); Economics and TKA, AAOS
- 1/18/18-1/20/18 Faculty / Panelist – Holy Cross & MGH Orthopaedic Symposium – Fort Lauderdale, FL
- 11/9/17 I'm all Bundled Up – Lenox Hill Hospital – 50th Anniversary Alumni Event
- 5/20/17 CJR Redesign at a Tertiary Referral Center – FL Orthopaedic Society, Key Largo, FL

2/2/17-2/3/17	Faculty / Panelist – Holy Cross & MGH Orthopaedic Symposium – Fort Lauderdale, FL
9/23/16	Achieving Stability in Total Hip Replacement – West FL Orthopaedic Forum, Tampa, FL
9/23/16	Posterior Approach to Total Hip Replacement – West FL Orthopaedic Forum, Tampa, FL
9/23/16	Navigating CMS Bundle Payments – West FL Orthopaedic Forum, Tampa, FL
5/20/16	How to Prevent Common Causes of Knee Revisions – FL Orthopaedic Society, Orlando, FL
6/6/15	Better Patient Selection Equals Better Outcomes - FL Orthopaedic Society, St Petersburg, FL
2/27/14	University of Florida Orthopaedic Surgery Grand Rounds – When Total Knee Replacement Goes Bad, Gainesville, FL
11/8/13	Keynote Speaker, University of Miami Alumni Symposium – When Total Knee Replacement Goes Bad, Miami, FL
5/19/13	Care of the Hip Fracture Patient – Society of Hospital Medicine, National Harbor, MD
10/19/12	Invited Faculty, University of Miami Alumni Symposium - Acetabular Positioning in THA, Miami, FL
10/28/11	Invited Faculty Moderator, Meet the Faculty Session – Recurrent Instability after THA: Getting it Right the Second Time, Harvard Arthroplasty Course, Boston MA
10/27/11	Session Moderator – Perfecting Alignment, Harvard Arthroplasty Course, Boston, MA
10/27/11	Cemented Fixation for TKA, Harvard Arthroplasty Course, Boston, MA
6/20/11	Acetabular Positioning in THA, Distinguished Alumni Lecture, Lenox Hill Hospital, NY
6/4/11	THA vs Hemiarthroplasty for Femoral Neck Fractures, New England Orthopaedic Society, Springfield, MA
12/1/10	Acetabular Positioning in THA, Orthopaedic Grand Rounds, New England Baptist Hospital, Boston, MA
9/29/10	Meet the Faculty Session – TKA Infection, Harvard Arthroplasty Course, Boston MA
9/29/10	Session Moderator - Harvard Arthroplasty Course, Boston MA
9/29/10	Acetabular Positioning in THA, Harvard Arthroplasty Course, Boston, MA
2/11/09	Update on Hip Fractures, Medicine Grand Rounds, University of Miami, Miami, FL
2/7/09	THA in Sickle Cell Disease, Jamaican Orthopaedic Association, Kingston, Jamaica
10/17/08	Overview of Total Hip & Knee Arthroplasty, Rheumatology GR, University of Miami
6/6/08	The First Year of Practice, Orthopaedic Grand Rounds, SUNY Brooklyn, New York, NY
2/3/08	Controversies in TKA, Jamaican Orthopaedic Association, Kingston, Jamaica
2/3/08	Principles of Revision TKA, Jamaican Orthopaedic Association, Kingston, Jamaica
9/28/07	Meet the Faculty Session – Constraint in TKA, Harvard Arthroplasty Course, Boston MA
9/28/07	Exposing the Difficult Revision TKA, Harvard Arthroplasty Course, Boston, MA
9/26/07	The use of Antibiotic Spacers for the Hip, Harvard Arthroplasty Course, Boston, MA

Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1h1Kgyvm6v1A-/bibliography/public/>

ORIGINAL, PEER REVIEWED ARTICLES:

1. Silverberg AJ, Parvataneni HK, Prieto HA, Deen JT, Vasilopoulos T, Horodyski M, Gray CF. A Physician-led Care Redesign Blunts Predictors of Length of Stay after Total Hip and Knee Arthroplasty. *J Surg Orthop Adv.* 2023 Summer
2. Chen DQ, Parvataneni HK, Miley EN, Deen JT, Pulido L, Prieto H, Gray CF. Lessons Learned from The Comprehensive Care for Joint Replacement (CJR) Model at an Academic Tertiary Center: the Good, the Bad, and the Ugly. *J Arthroplasty.* 2023 Feb.
3. Kelly LS, Munley JA, Kannan KB, Pons EE, Coldwell PS, Bible LE, Parvataneni HK, Hagen JE, Efron PA, Mohr AM. Anemia Recovery after Trauma: A Longitudinal Study. *Surg Infect (Larchmt).* 2022 Dec
4. Kelly LS, Kannan KB, Munley JA, Pons EE, Parvataneni HK, Hagen JE, Efron PA, Mohr AM. Bone Marrow Adipokine Expression Was Associated With Decreased Erythroid Colony Growth After Trauma. *Am Surg.* 2022 Oct

5. Cavallari LH, Cicali E, Wiisanen K, Fillingim RB, Chakraborty H, Myers RA, Blake KV, Asiyanbola B, Baye JF, Bronson WH, Cook KJ, Elwood EN, Gray CF, Gong Y, Hines L, Kannry J, Kucher N, Lynch S, Nguyen KA, Obeng AO, Pratt VM, Prieto HA, Ramos M, Sadeghpour A, Singh R, Rosenman M, Starostik P, Thomas CD, Tillman E, Dexter PR, Horowitz CR, Orlando LA, Peterson JF, Skaar TC, Van Driest SL, Volpi S, Voora D, Parvataneni HK, Johnson JA. Implementing a pragmatic clinical trial to tailor opioids for acute pain on behalf of the IGNITE ADOPT PGx investigators. *Clin Transl Sci.* 2022
6. Gibon E, Vasilopoulos T, Sipavicius E, Deen JT, Prieto HA, Gray CF, Parvataneni HK, Pulido L. Surgical Management of Tibial Bone Loss in Revision Total Knee Arthroplasty: Clinical Outcomes and Radiographic Analysis of Tantalum Cones, Titanium Cones and Sleeves. *Iowa Orthop J.* 2022 Jun
7. Mi X, Zou B, Rashidi P, Baharloo R, Fillingim RB, Wallace MR, Crispen PL, Parvataneni HK, Prieto HA, Gray CF, Machuca TN, Hughes SJ, Murad GJA, Thomas E, Iqbal A, Tighe PJ. Effects of Patient and Surgery Characteristics on Persistent Postoperative Pain: A Mediation Analysis Temporal Postoperative Pain Signatures (TEMPOS) Group. *Clin J Pain.* 2021 Sep
8. Przkora R, Sibille K, Victor S, Meroney M, Leeuwenburgh C, Gardner A, Vasilopoulos T, Parvataneni HK. Blood flow restriction exercise to attenuate postoperative loss of function after total knee replacement: a randomized pilot study. *Eur J Transl Myol.* 2021 Aug
9. Kelly LS, Apple CG, Darden DB, Kannan KB, Pons EE, Fenner BP, Parvataneni HK, Hagen JE, Brakenridge SC, Efron PA, Mohr AM. Transcriptomic Changes Within Human Bone Marrow After Severe Trauma. *Shock.* 2021 Jun 24.
10. Przkora R, Sibille K, Victor S, Meroney M, Leeuwenburgh C, Gardner A, Vasilopoulos T, Parvataneni HK. Assessing the feasibility of using the short physical performance battery to measure function in the immediate postoperative period after total knee replacement. *Eur J Transl Myol.* 2021 Apr
11. Baharloo R, Principe JC, Fillingim RB, Wallace MR, Zou B, Crispen PL, Parvataneni HK, Prieto HA, Machuca TN, Mi X, Hughes SJ, Murad GJA, Rashidi P, Tighe PJ. Slow Dynamics of Acute Postoperative Pain Intensity Time Series Determined via Wavelet Analysis Are Associated With the Risk of Severe Postoperative Day 30 Pain. *Anesth Analg.* 2021 Jan
12. Vasilopoulos T, Wardhan R, Rashidi P, Fillingim RB, Wallace MR, Crispen PL, Parvataneni HK, Prieto HA, Machuca TN, Hughes SJ, Murad GJA, Tighe PJ. Patient and Procedural Determinants of Postoperative Pain Trajectories. Temporal Postoperative Pain Signatures (TEMPOS) Group. *Anesthesiology.* 2021 Jan
13. Thomas CD, Parvataneni HK, Gray CF, Deen JT, Prieto HA, Pulido LF, Elsey AR, Elwood EN, Starostik P, Gong Y, Fillingim RB, Johnson JA, Cavallari LH. A hybrid implementation-effectiveness randomized trial of CYP2D6-guided postoperative pain management. *Genet Med.* 2021 Jan
14. Apple CG, Miller ES, Kannan KB, Stortz JA, Loftus TJ, Lopez MC, Parvataneni HK, Patrick M, Hagen JE, Baker HV, Efron PA, Mohr AM. The role of bone marrow microRNA (miR) in erythropoietic dysfunction after severe trauma. *Surgery.* 2021 Jan
15. Deen JT, Stone WZ, Gray CF, Prieto HA, Iams DA, Boezaart AP, Parvataneni HK. A Simple, Personalized Opioid Stratification Pathway Dramatically Reduces Opioid Utilization. *Arthroplast Today.* 2020 Dec;6(4):731-735
16. Apple CG, Miller ES, Kannan KB, Stortz JA, Cox M, Loftus TJ, Parvataneni HK, Patrick M, Hagen JE, Brakenridge S, Efron PA, Mohr AM. Vitamin D status is associated with hepcidin and hemoglobin concentrations in patients with severe traumatic injury. *J Trauma Acute Care Surg.* 2020 Dec;89(6):1124-1130
17. Smith CR, Baharloo R, Nickerson P, Wallace M, Zou B, Fillingim RB, Crispen P, Parvataneni H, Gray C, Prieto H, Machuca T, Hughes S, Murad G, Rashidi P, Tighe PJ. Predicting long-term postsurgical pain by examining the evolution of acute pain. *Eur J Pain.* 2020
18. Prieto HA, Deen JT, Gibon EF, Gordon K, Gray CF, Parvataneni HK. A Learner-Centered Education Strategy: Optimizing an Interactive and Multimodal Learning Format in Orthopaedic Hip & Knee Arthroplasty. *J Surg Educ.* 2020
19. Laframboise-Otto JM, Horodyski MB, Parvataneni HK, Horgas AL. A Randomized Controlled Trial of Music for Pain Relief after Arthroplasty Surgery. *Pain Management Nursing.* 2020

20. Darden DB, Stortz JA, Hollen MK, Cox MC, Apple CG, Hawkins RB, Rincon JC, Lopez MC, Wang Z, Navarro E, Hagen JE, Parvataneni HK, Brusko MA, Kladd M, Bacher R, Brumback BA, Brakenridge SC, Baker HV, Cogle CR, Mohr AM, Efron PA. Identification of Unique mRNA and miRNA Expression Patterns in Bone Marrow Hematopoietic Stem and Progenitor Cells After Trauma in Older Adults. *Front Immunol.* 2020 Jun 24;11:1289
21. Dibra FF, Parvataneni HK, Gray CF, Vasilopoulos T, Prieto HA. The Risk Assessment and Prediction Tool Accurately Predicts Discharge Destination After Revision Hip and Knee Arthroplasty. *J Arthroplasty.* 2020
22. Thomas WC, Parvataneni HK, Vlasak RG, Gray CF. Response to Letter to the Editor on "Early Polyethylene Failure in a Modern Total Hip Prosthesis: A Note of Caution". *J Arthroplasty.* 2020
23. Deen JT, Stone WZ, Gray CF, Prieto HA, Iams DA, Boezaart AP, Parvataneni HK. Revision Arthroplasty Does Not Require More Opioids Than Primaries: A Review of Prescribing Practices After Implementation of a Structured Perioperative Pain Management Strategy. *J Arthroplasty.*
24. Gray CF, Parvataneni HK, Bozic KJ. Value-based Healthcare: "Physician Activation": Healthcare Transformation Requires Physician Engagement and Leadership. *Clin Orthop Relat Res.* 2020. May;478(5):954-957
25. Gibon E, Parvataneni HK, Prieto HA, Photos LL, Stone WZ, Gray CF. Outpatient Total Knee Arthroplasty: Is it economically feasible in the hospital setting. *Arthroplasty Today.* Jun;6(2):231-235
26. Apple CG, Miller ES, Loftus TJ, Kannan KB, Parvataneni HK, Hagen JE, Efron PA, Mohr AM. Impact of Injury Severity on the Inflammatory State and Severe Anemia. *J Surg Res.* 2019 Dec 24;248:109-116.
27. Thomas WC, Parvataneni HK, Vlasak RG, Gray CF. Early polyethylene failure in a modern total hip prosthesis: a note of caution. *Journal of Arthroplasty* 2020. May;35(5):1297-1302
28. Abdallah FW, Gilron I, Fillingim RB, Tighe P, Parvataneni HK, Ghasemlou N, Stratford P, Sawhney M, McCartney CJL. AAAPT Diagnostic Criteria for Acute Knee Arthroplasty Pain. *Pain Medicine* 2020. May 1;21(5):1049-1060.
29. Dibra FF, Silverberg A, Gray CF, Parvataneni HK, Vasilopoulos T, and Prieto HA.. 2019. Arthroplasty Care Redesign Impacts the Predictive Accuracy of the Risk Assessment and Predictor Tool. *Journal of Arthroplasty* 2019 Nov;34(11):2549-2554.
30. Zeppieri K, Butera KA, Iams D, Parvataneni HK, and George SZ. 2019. The Role of Social Support and Psychological Distress in Predicting Discharge: A Pilot Study for Hip and Knee Arthroplasty Patients. *Journal of Arthroplasty* 2019 Nov;34(11):2555-2560.
31. Stone WZ, Gray CF, Parvataneni HK, Al-Rashid M, Vlasak RG, Prieto, HA. Clinical Evaluation of Synovial Alpha Defensin and Synovial C-Reactive Protein in the Diagnosis of Periprosthetic Joint Infection. *Orthopaedic Proceedings* Vol. 101-B, No. Supp 14
32. Tanner, J.J., Amin, M., Hardcastle, C., Parvataneni, H., Vaillancourt, D.E., Mareci, T.H., Price, C.C. (2018). Better brain and cognition prior to surgery is associated with elevated postoperative brain extracellular free-water in older adults. *Front Aging Neurosci.* 2019 May 16;11:117.
33. Hernaiz Alonso C, Tanner JJ, Wiggins ME, Sinha P, Parvataneni HK, Ding M, Seubert CN, Rice MJ, Garvan CW, and Price CC.. Proof of principle: Preoperative cognitive reserve and brain integrity predicts intra-individual variability in processed EEG (Bispectral Index Monitor) during general anesthesia. *PLoS One.* May 23;14(5), 2019
34. Hardcastle C, Huang H, Crowley S, Tanner J, Hernaiz C, Rice M, Parvataneni H, Ding M, and Price CC. Mild Cognitive Impairment and Decline in Resting State Functional Connectivity after Total Knee Arthroplasty with General Anesthesia. *J Alzheimers Dis.* 2019;69(4):1003-1018.
35. Gogineni HC, Gray CF, Prieto HA, Deen JT, Boezaart AP, and Parvataneni HK. Transition to outpatient total hip and knee arthroplasty: experience at an academic tertiary care center. *Arthroplast Today.* 2018 Nov 28;5(1):100-105.
36. Stone WZ, Gray CF, Parvataneni HK, and Prieto HA.. Clinical Evaluation of Alpha Defensin Test Following Staged Treatment of Prosthetic Joint Infections. *Journal of Arthroplasty* 2019 Jul;34(7):1446-1451

37. Silverberg A, Parvataneni HK, Pulido L, and Prieto H. 2018. The Current Role of Dual Mobility Articulations in Total Hip Arthroplasty. *Journal of Hip Surgery*. 02 (04): 194-204.
38. Gray CF, Prieto HA, Deen JT, Parvataneni HK: Bundled Payment “Creep”: Institutional Redesign for Primary Arthroplasty Positively Affects Revision Arthroplasty. *J Arthroplasty* 2019 Feb;34(2):206-210.
39. Hizel LP, Warner ED, Wiggins ME, Tanner JJ, Parvataneni H, Davis R, Penney DL, Libon DJ, Tighe P, Garvan CW, Price CC: Clock Drawing Performance Slows for Older Adults After Total Knee Replacement Surgery. *Anesth Analg*, 2018
40. Stone WZ, Gray CF, Parvataneni HK, Al-Rashid M, Vlasak RG, Horodyski M, Prieto HA: Clinical Evaluation of Synovial Alpha Defensin and Synovial C-Reactive Protein in the Diagnosis of Periprosthetic Joint Infection. *JBJS* 100(14):1184-1190, 2018
41. Loftus TJ, Mira JC, Miller ES, Kannan KB, Plazas JM, Delitto D, Stortz JA, Hagen JE, Parvataneni HK, Sadasivan KK, Brakenridge SC, Moore FA, Moldawer LL, Efron PA, Mohr AM: The Post-injury Inflammatory State and the Bone Marrow Response to Anemia. *Am J Respir Crit Care Med*: 2018
42. Gray CF, Prieto HA, Duncan AT, Parvataneni, HK: Arthroplasty care redesign related to the Comprehensive Care for Joint Replacement model: results at a tertiary academic medical center *Arthroplasty Today* 2018
43. Huang H, Tanner J, Parvataneni H, Rice M, Horgas A, Ding M, Price C.: Impact of Total Knee Arthroplasty with General Anesthesia on Brain Networks: Cognitive Efficiency and Ventricular Volume Predict Functional Connectivity Decline in Older Adults. *J Alzheimers Dis*. 62(1):319-333, 2018
44. Dibra FF, Prieto HA, Gray CF, Parvataneni HK: Don't forget the hip! Hip arthritis masquerading as knee pain. *Arthroplasty Today* 4(1): 118-124, 2017
45. Taba H, Hagen J, Parvataneni HK: Concise Review of the Effects of Orthopaedic Surgery or Trauma on Muscle Function. *Tech Orthop* 2017, 32(4): 226-232
46. Deen JT, Clay TB, Iams DA, Horodyski MB, Parvataneni, HK: Proximal Tibial Resorption in a Modern Total Knee Prosthesis. *Arthroplasty Today* 2017, 3:
47. Patrick MR, Parvataneni HK, Bohannon DS, Boezaart AP: Early Experience with Bilateral Continuous Femoral Nerve Block and Single-Injection Spinal Anesthesia for Bilateral Total Knee Arthroplasty: A Case Series. *Pain Med* 2017, 10:1093
48. Carvajal J, Vincent HK, Sodhi J, Parvataneni HK: How Reliable is the Acetabular Cup Position Assessment from Routine Radiographs? *Iowa Orthop J* 2017, 37:181-187
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