

JOHN J. MERCURI, M.D., M.A.

CURRENT TITLES AND ROLES

Director of Quality, Geisinger Musculoskeletal Institute	2026 – Present
Director, Geisinger Adult Reconstruction Fellowship	2022 – Present
Associate Professor, Geisinger Commonwealth School of Medicine	2024 – Present
Staff Orthopaedic Surgeon, Geisinger Health	2018 – Present

EXECUTIVE SUMMARY

- Adult reconstruction orthopaedic surgeon and faculty leader in a large integrated health system
- High-volume clinical provider with sustained accomplishments in surgeon teaching and enablement
- System contributor across value-based care, perioperative logistics, access/throughput, and Epic EHR
- Holds an MA in Bioethics and brings a policy and health-economics lens to enterprise decision-making
- Committed to working in and caring for the Northeastern Pennsylvania community that raised him

CLINICAL PRACTICE

- Fellowship-trained adult reconstructive surgeon with excellent outcomes and low complications
- Performs about 400 hip and knee arthroplasties annually, including primaries and complex revisions
- Approximately 2700 cumulative procedures to date at Geisinger Community Medical Center
- National and international recognition for expertise in kinematically aligned knee arthroplasty
- Expert in enabling technologies such as computer navigation, augmented reality, and robotics
- First U.S. surgeon to perform a lifetime guarantee procedure for total knee arthroplasty (2019)
- First surgeon to offer two-year guarantees to all qualifying hip and knee patients in my practice (2023)

GEISINGER SYSTEM LEADERSHIP

Director of Quality, Geisinger Musculoskeletal Institute	2026 – Present
• Lead MSK quality and safety projects with a focus on infections, readmissions, and adverse events • Review clinical cases to identify opportunities for protocol, order sets, and process improvement • Participate in local and system-wide quality meetings and report on MSK patient safety initiatives • Collaborate professionally with surgeons, staff and hospital leadership to address quality concerns • Complete OPPE and FPPE evaluations, chart reviews, and regulatory documentation for clinicians	
Geisinger Transformation Operations (GTO) Implant Project	2026 – Present
• Accountable Lead on a business transformation project about implant documentation and billing • Reevaluate how implants and associated instruments are tracked during the entire clinical episode • Optimize downstream processes including billing, data analytics, and supply chain management	
MSK Institute Clinic Triage, Scheduling, and Access Project	2024 – Present
• Physician Champion developing branched logic to drive triage decisions for orthopaedic patients	

- Working closely with principals from access team and medical informatics to optimize clinic triage
- Integrating new technology into Epic workflow to optimize both MSK triage and CMS compliance

Geisinger Health Plan / Medacta Guaranteed Outcome Project 2018 – Present

- Assisted in development of an all-cause, clinical outcome guarantee for eligible GHP patients
- Early adopter to obtain certification as a guarantee-approved arthroplasty surgeon
- First surgeon to perform a lifetime guarantee procedure for total knee arthroplasty (2019)
- Uninterrupted, ongoing offering of two-year guarantees for all eligible GPH patient in my practice

Musculoskeletal Supply Chain 2023 – 2025

- Assisted the physician executive of the enterprise supply chain on MSK value-based negotiations
- Negotiated directly with arthroplasty vendors to obtain target pricing for new and existing product

GEISINGER COMMITTEE POSITIONS

High Reliability Organization Provider Engagement Committee 2025 – Present

- Advances system-wide HRO culture and provider participation in safety and experience initiatives
- Partner with HRO training and education workgroup to shape/refine content for medical staff
- Advise on accountability mechanisms and promoted consistent error-prevention practices
- Contribute to planning for HRO adoption with sustainable physician onboarding and education

Geisinger New Operating Model Committee 2025 – Present

- One of the designated metric leaders for hip and knee arthroplasty within the new operating model
- Set targets and reviews performance of assigned system metrics to align with enterprise priorities
- Helps develop and maintain project management documents (A3 artifacts) for hip and knee
- Partners with the organization's development, quality, and operations leaders on a regular basis
- Facilitates accountability across operational and clinical stakeholders to drive performance

MSK Block Time Utilization Committee 2025 – Present

- Adult reconstruction representative for a system-wide initiative to optimize block time utilization
- Coordinating integration between Epic case request orders and Opmed.AI analytics software
- Developing common rules for MSK block management with perioperative leadership
- Working closely with colleagues from operations, nursing leadership, and OR staffing

Silver Circle Authorship Committee 2023 – Present

- Volunteer author for patient-facing, education articles for a Geisinger Health Plan magazine
- Published monthly and distributed to all Geisinger Gold members across Pennsylvania
- Three articles currently published with others that are upcoming

ProvenCare Hip and Knee Committee 2022 – Present

- Bi-monthly work-group meetings to monitor the value-based care dashboards for arthroplasty
- Vote on ad-hoc purchasing decisions to maintain value with MSK product choices

Central Sterile Reprocessing Steering Committee 2024 – 2025

- Physician representative and GCMC stakeholder on a system-wide effort to optimize CSR
- Evaluated multiple vendor proposals and voted to award a long-term, risk-share contract

- On-site tours of GCMC facilities with vendor representatives
- Regular update meetings with other steering committee members
- Interviewed candidates for system-wide and local platform CSR leadership positions

Value-Based Care Clinical Guidelines Committee

2024 – 2025

- Reviewed and adapted Kaiser Permanente value-based care guidelines for Geisinger primary care
- Merged Geisinger ProveCare guidelines for hip and knee arthroplasty into the KP framework
- Worked with representatives from medical informatics to insert guidelines into triage order sets

Ambient AI Scribing Committee

2023 – 2024

- Pilot clinician and informatic liaison for Nuance LLM ambient documentation in Epic
- Early adopter and continued user of ambient documentation after system partnership with Abridge

Surgical Case Order Request Committee

2023 – 2024

- Adult reconstruction representative to redesign the system-wide surgical booking process
- Developed new CPT code-based order sets for arthroplasty with the medical informatics team
- Served as an Epic “super user” to educate fellow clinicians on the order sets after the go-live date

Inpatient Clinical Effectiveness Project – Hip and Knee Committee

2021 – 2022

- Worked closely with Deloitte consultants as an on-site clinical liaison for adult reconstruction
- Developed a value-based care dashboard for arthroplasty surgeons to track their financial impact

Optimus Super User Committee

2020 – 2021

- Worked to implement a new billing platform for procedural care in the outpatient setting
- Served as an Epic ‘super user’ to educate fellow clinicians on billing changes after the go-live date

ACADEMIC LEADERSHIP

Associate Professor, Geisinger Commonwealth School of Medicine

2024 – Present

- Previously held the rank of Clinical Assistant Professor (2018 – 2024)
- Geisinger Commonwealth School of Medicine Teaching Award (2022)
- Family Medicine Clerkship outpatient preceptor for third-year students
- Surgery Clerkship preceptor for third-year students on the orthopaedic elective
- Inpatient and outpatient preceptor for rotating sub-internship fourth-year students
- Participant in the “Find Your Specialty” event for first-year students
- Regularly participate in SMS musculoskeletal club functions
- Presenter for the MSK Matters extramural student organization

Director, Geisinger Adult Reconstruction Fellowship

2022 – Present

- Previously a member of the core faculty (2020 – 2022)
- Serve as the primary surgical and outpatient preceptor for one fellow per year
- As director, responsible for all administrative, regulatory, recruitment and alumni activities
- Review approximately 100 applications per year and chair the interview committee
- Create and oversee the weekly didactic program for the fellow and residents
- Arrange journal clubs and cadaveric dissection labs on a quarterly cadence
- Fellowship graduates practicing in California, Virginia, Maryland, Georgia, and India

Chair, Program Evaluation Committee, Northeast Orthopaedic Residency 2022 – 2026

- Preside over twice-yearly meetings that critically evaluate the residency program
- Review formal feedback from both residents and faculty on curriculum and rotations
- Review feedback received from the ACGME regarding program accreditation status
- Enact 6-month action plans to improve the program and address deficiencies

Associate Program Director, Northeast Orthopaedic Surgery Residency 2021 – 2026

- Work closely with Program Director and Program Coordinator on administrative issues
- Monitor rotation effectiveness, duty-hour compliance, and learning environment concerns
- Member of the core faculty as a surgical and outpatient preceptor for four residents per year
- Member of the interview committee with responsibilities for recruitment and selection
- Responsible for weekly resident didactics in adult reconstruction topics
- A national-scope residency with good status and pending final ACGME accreditation

Scranton Site Director, Northeast Orthopaedic Surgery Residency 2021 – 2026

- Accountable for resident education at the inpatient Geisinger Community Medical Center
- Accountable for resident education at the outpatient Steamtown Musculoskeletal Clinic
- Ensures learning site alignment with ACGME requirements and program curriculum
- Serve as liaison between local site faculty, staff and administrators and program leadership

ACADEMIC COMMITTEE POSITIONS

Musculoskeletal Institute Research Review Committee 2026 – Present

- Responsible for reviewing all new research proposals within the Musculoskeletal Institute
- Make determinations regarding the allocation of internal research funding to proposed projects
- Provide feedback to project authors on ways to strengthen proposals and optimize success

Adult Reconstruction Division Research Group 2022 – Present

- Oversee the activity of a full-time, post-graduate, adult-reconstruction research fellow
- Hold bi-weekly research meetings to review the research progress across multiple projects
- Contributing author on about half of the ongoing research projects within the division
- Responsible for application review, interviewing and hiring of the research fellow

Residency Program Admissions Committee 2021 – Present

- Review residency applications and participate in applicant screening and selection
- Interview residency candidates and contribute to rank-list development
- Evaluate applicants using program standards, intuitional priorities, and AGCME expectations
- Recruit residents who demonstrate clinic aptitude, professionalism, and program alignment

Residency Program Core Faculty Group 2021 – Present

- Teach clinical orthopaedics in the OR and outpatient environment for all levels of resident
- Oversee resident research activities as both principal investigator and committee member
- Provide didactic lectures on topics in adult reconstruction and professionalism
- Supervise and teach on-call residents who are moonlighting at the Scranton GCMC campus

BIOETHICS, POLICY, AND HEALTH ECONOMICS

- Master of Arts in Bioethics from New York University Graduate School of Arts and Science (2011)
- Peer-reviewed scholarship addressing economics and policy in joint arthroplasty and value-based care
- Maintains an ethics-based approach to committee work, pathway design, and enterprise policies
- Applications: Professionalism, value-based care, EHR policy, implant pricing, patient-facing education

SELECTED ONGOING RESEARCH

MOTIV TKA Observational Protocol 2025 – Present

- Co-investigator for an IRB-exempt observational protocol which collects “real world evidence” about the management of pain and swelling after total knee arthroplasty
- Protocol results to be studied in partnership with the Orthopaedic Research and Education Foundation to understand the current-state of national knee arthroplasty peri-operative care

Upcoming Ethics Paper 2025 – Present

- Under-review paper discussing the ethics of arthroplasty implant recalls for all stakeholders
- Collaborate project between Harvard Brigham and Women’s, NYU Langone, and Geisinger

Upcoming Book Chapter 2024 – Present

- A new Spring Nature textbook project titled “Kinematic Alignment in Total Knee Arthroplasty”
- I have authored “Chapter Four: Pre-Op Planning for Primary KA TKA” with my prior fellow
- Senior authors hold positions at hospitals in Belgium, France, Australia, U.K, Austria, and U.S.

M-Vizion Clinical Outcome Study 2022 – Present

- Multi-center clinical trial that evaluates two-year radiographic outcomes of a new femoral implant
- One of two Geisinger surgeons participating in the study with 6 other clinical sites across the U.S.

ADVISORY BOARD POSITIONS

Vertex Pharmaceuticals, Boston, MA 2026 – Present

- Provide clinical advising regarding the use of Journavx (suzetrigine) in integrated health systems

RevelAi Health, Durham, NC 2024 – Present

- Generative AI technology to promote equitable musculoskeletal care and address health disparities
- AI assistance for orthopaedic documentation, billing, outcomes, and compliance
- Provide clinical advising in adult hip and knee reconstruction to develop pathways and products
- <https://revelaihealth.com/>

INVITED FACULTY

Personalized Arthroplasty Society Annual Meeting September 2026
Montreal, Quebec, Canada

- Invited faculty for a category 1 CME course with national and international participants
- Lecture Session: “Unrestricted Kinematic Alignment with Enabling Technology”

Kinematic Knee Alignment Course
Memphis, TN; Las Vegas, NV

2023 – Present

- Annual invited faculty for a category 1 CME course with national and international participants
- Founding faculty member of the course with a panel of other national and international surgeons
- Lecture Sessions: Technology in Kinematic Alignment, Valgus Knees in Kinematic Alignment
- Cadaveric Session: NextAR augmented reality navigation for unrestricted kinematic alignment

Medacta Orthopaedic Research and Education Institute
Atlanta, GA; Boston, MA; Las Vegas, NV; Chicago, IL; Tampa, FL; Miami, FL

2021 – Present

- Proctor surgeon for virtual and in-person education of national and international surgeons
- Expertise on advanced techniques and enabling technology in adult hip and knee reconstruction
- Regularly host visiting surgeons at Geisinger Community Medical Center
- Participated as invited faculty for two nationally-broadcast webinars in 2021 and 2022
- Faculty panel for international summit on kinematic alignment held in Boston, MA (March, 2024)
- Panel co-chairman for summit on kinematic alignment held in Chicago, IL (September, 2026)

DIGITAL PRESENCE AND OUTREACH

<http://www.orthobullets.com/user/12854/John-J-Mercuri>

- U.S. education expert ranking in the top 5% of all website authors in 2025
- Lead author of the only website content on kinematic alignment knee arthroplasty

<http://www.doximity.com/pub/john-mercuri-md>

- Top 25% for h-index in 2025
- A Top 10% most cited clinician in 2022

<http://www.researchgate.net/profile/John-Mercuri>

- Average of 8 citations per paper written

<http://www.vumedi.com/search/?q=mercuri>

- Multiple video presentations on kinematic alignment knee arthroplasty theory and technique

<http://www.march2amillion.com>

- Founding member and ongoing participant in movement to eliminate opiates from arthroplasty

<http://www.johnmercurimd.com>

- Patient education sections receive viewers from about 16 U.S. states on a monthly basis

<http://www.linkedin.com/in/john-j-mercuri-md-ma-7660b196>

- Average 50 profile views per 90 days and 15 search appearances per week

EMPLOYMENT HISTORY

Geisinger Orthopaedics and Sports Medicine
Geisinger Community Medical Center
Geisinger Commonwealth School of Medicine
Scranton, PA

2018 – Present

FELLOWSHIP TRAINING

Insall Scott Kelly Institute Division of Adult Reconstruction NYU Langone Orthopedic Hospital NYU Langone Health New York, NY	2017 – 2018
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RESIDENCY TRAINING

Department of Orthopaedic Surgery Hospital for Joint Diseases NYU Langone Medical Center New York, NY	2012 – 2017
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EDUCATION AND DEGREES

Doctor of Medicine NYU School of Medicine New York, NY	2007 – 2012
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Master of Arts in Bioethics New York University New York, NY Thesis: <i>Orthopaedic Surgery Graduate Medical Education: Medical Ethics and Moral Decision-Making</i>	2010 – 2011
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Bachelor of Science in Biology The University of Scranton Scranton, PA Presidential Scholarship recipient, <i>Summa Cum Laude</i> graduate	2003 – 2007
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LICENSURE AND CERTIFICATION

American Board of Orthopaedic Surgery – Board Certified	2020 – Present
Commonwealth of Pennsylvania Medical License	2018 – Present
New York State Medical License	2015 – Present
Medacta Guaranteed Outcome Certification	2018
Stryker MAKO Robotic-Assisted Surgery Certification	2018
Smith and Nephew Birmingham Hip Resurfacing Certification	2018

ACADEMIES, SOCIETIES AND PROGRAMS

American Orthopaedic Association Emerging Leaders Program	2026 – Present
Fellow of the American Academy of Orthopaedic Surgeons	2023 – Present
Member of the Personalized Arthroplasty Society	2023 – Present
Fellow of the American Association of Hip and Knee Surgeons	2022 – Present
<i>Alpha Omega Alpha</i> Honor Medical Society	2012
<i>Alpha Sigma Nu</i> National Jesuit Honor Society	2007

JOURNAL PUBLICATIONS

1. **Mercuri JJ**, Wickline A. 2026. “MOTIV™ and the Next Frontier of Orthopaedic Evidence Generation: A New Model for Physician-Led Clinical Research.” *Journal of Orthopaedic Experience & Innovation*. 2026 Jul 13;7(2). <https://doi.org/10.60118/001c.164991>. Epub ahead of print.
2. Parry MW, Ozdag Y, Kloc A, Salvato J, **Mercuri JJ**. Social Determinants of Health Z-Codes are Associated with Low Compliance and Patient Reported Outcome Measures after Total Hip Arthroplasty. *J Arthroplasty*. 2026 Jun 12:S0883-5403(26)00620-0. doi: 10.1016/j.arth.2026.06.022. Epub ahead of print. PMID: 42285323.
3. Baajour S, Tang A, Mun J, Murphy JE, Kolessar D, **Mercuri JJ**. J Clin Orthop Trauma. 2026 Apr 15;77:103448. doi: 10.1016/j.jcot.2026.103448. PMID: 42064789; PMCID: PMC13127210.
4. Vaskas A, Ozdag Y, Tang A, **Mercuri JJ**. Clinically Symptomatic Low Serum Testosterone Significantly Increases the Risk of Complications in Rural Male Patients Undergoing Total Hip Arthroplasty: A Propensity Matched Cohort Study. *The Guthrie Clinic J Med*. 2026 Mar 11. doi: 10.3138/guthrie-2005-0018.
5. Vazquez F, Ellison E, Cole A, Hu Y, Ozdag Y, Gillette JM, **Mercuri JJ**. Outcomes following use of IPACK nerve block: A systematic review and meta-analysis of randomized controlled trials. *J Orthop*. 2025 Nov 3;72:143-151. doi: 10.1016/j.jor.2025.10.026. PMID: 41340731; PMCID: PMC12671031.
6. Ozdag Y, Makar GS, Tang A, Murphy JE, VanderBrook DJ, **Mercuri JJ**. A comparative analysis of microbial pathogens and survivorship between native and prosthetic hips following Girdlestone resection arthroplasty. *J Orthop*. 2025 Aug 26;71:333-339. doi: 10.1016/j.jor.2025.08.056. PMID: 41694198; PMCID: PMC12900999.
7. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. Patient "No-Show" Prior to Elective Primary Total Hip Arthroplasty Increases Risk of Postoperative Anemia. *Arthroplasty Today*. 2025 Jan 2;31:101602. doi: 10.1016/j.artd.2024.101602. PMID: 39850465.
8. Foster BK, Grampp SJ, Ozdag Y, Tang A, Vazquez F, **Mercuri JJ**. Assessing the Quality, Content and Readability of Online Patient Resources on Viscosupplementation. *Journal of Orthopaedic Experience & Innovation*. 2024 Oct 4;5(2). doi.org/10.60118/001c.120353. Epub ahead of print.
9. Ozdag Y, Makar GS, Goltz DE, Seyler TM, **Mercuri JJ**, Pallis MP. Validation of a Discharge Risk Calculator for Rural Patients Following Total Joint Arthroplasty. *J Arthroplasty*. 2024 Dec;39(12):2923-2929. doi: 10.1016/j.arth.2024.06.047. Epub 2024 Jun 24. PMID: 38925275.
10. Chen KK, Anoushiravani AA, **Mercuri JJ**, Nardi MA, Berger J, Maldonado T, Iorio R. Predicting Pulmonary Embolism in Total Joint Arthroplasty Patients A Pilot Study. *Bull Hosp Jt Dis (2013)*. 2024 Jun;82(2):124-133. PMID: 38739660.
11. Foster BK, Rae MA, Torino DJ, **Mercuri JJ**, Horwitz DS. Warm Saline Irrigation Protocol Decreases Cement Curing Time in Hip Arthroplasty. *Bull Hosp Jt Dis (2013)*. 2023 Sep;81(3):205-207. PMID: 37639350.
12. Tarwala R, **Mercuri JJ**, Iorio R, Karkare N. Ethical Considerations in Total Joint Arthroplasty. *J Am Acad Orthop Surg*. 2023 Oct 1;31(19):1001-1008. doi: 10.5435/JAAOS-D-22-00941. Epub 2023 Aug 8. PMID: 37561941.
13. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. Patient "No-Show" Increases the Risk of 90-Day Complications Following Primary Total Knee Arthroplasty: A Retrospective Cohort Study of 6,776 Patients. *J Arthroplasty*. 2023 Dec;38(12):2587-2591.e2. doi: 10.1016/j.arth.2023.05.089. Epub 2023 Jun 7. PMID: 37295624.
14. Luciani AM, Parry M, Udoeyo IF, Suk M, **Mercuri JJ**, DelSole EM. Physician Perspectives on Telemedicine at an Integrated Health System During the COVID-19 Pandemic. *Telemed J E Health*. 2023 Nov;29(11):1634-1641. doi: 10.1089/tmj.2022.0184. Epub 2023 Mar 24. PMID: 36961394.

15. Tang A, Singh V, Sharan M, Roof MA, **Mercuri JJ**, Meftah M, Schwarzkopf R. The accuracy of component positioning during revision total hip arthroplasty using 3D optical computer-assisted navigation. *Eur J Orthop Surg Traumatol*. 2023 Jul;33(5):1989-1995. doi: 10.1007/s00590-022-03383-z. Epub 2022 Sep 8. PMID: 36074304.
16. Bieganowski T, Buchalter DB, Singh V, **Mercuri JJ**, Aggarwal VK, Rozell JC, Schwarzkopf R. Bone loss in aseptic revision total knee arthroplasty: management and outcomes. *Knee Surg Relat Res*. 2022 Jun 20;34(1):30. doi: 10.1186/s43019-022-00158-y. PMID: 35725586; PMCID: PMC9208118.
17. Pheasant MS, Coulter JL, Wallace C, Kropp Lopez AK, DelSole EM, **Mercuri JJ**. Lumbar Spine Fusion and Symptoms of Leg Length Discrepancy After Hip Arthroplasty. *J Arthroplasty*. 2021 Sep;36(9):3241-3247.e1. doi: 10.1016/j.arth.2021.05.006. Epub 2021 May 11. PMID: 34112541.
18. DelSole EM, **Mercuri JJ**. Utility of Upright Weight-bearing Imaging in Total Hip Arthroplasty. *Semin Musculoskelet Radiol*. 2019 Dec;23(6):603-608. doi: 10.1055/s-0039-1697935. Epub 2019 Nov 19. PMID: 31745950.
19. Novikov D, **Mercuri JJ**, Schwarzkopf R, Long WJ, Bosco iii JA, Vigdorchik JM. Can some early revision total hip arthroplasties be avoided? *Bone Joint J*. 2019 Jun;101-B(6_Supple_B):97-103. doi: 10.1302/0301-620X.101B6.BJJ-2018-1448.R1. PMID: 31146556.
20. **Mercuri JJ**, Schwarzkopf R. Coronal and Sagittal Balancing of Total Knee Arthroplasty Old Principles and New Technologies. *Bull Hosp Jt Dis (2013)*. 2019 Mar;77(1):45-52. PMID: 30865864.
21. **Mercuri JJ**, Pepper AM, Werner JA, Vigdorchik JM. Gap Balancing, Measured Resection, and Kinematic Alignment: How, When, and Why? *JBJS Rev*. 2019 Mar;7(3):e2. doi: 10.2106/JBJS.RVW.18.00026. PMID: 30844845.
22. Pepper AM, **Mercuri JJ**, Behery OA, Vigdorchik JM. Total Hip and Knee Arthroplasty Perioperative Pain Management: What Should Be in the Cocktail. *JBJS Rev*. 2018 Dec;6(12):e5. doi: 10.2106/JBJS.RVW.18.00023. PMID: 30562208.
23. **Mercuri JJ**, Long WJ. What is the best option for young, active patients with knee arthritis? *Ann Joint*. 2018 March, 3, 22. doi: 10.21037/aoj.2018.03.06
24. **Mercuri JJ**, Iorio R, Zuckerman JD, Bosco JA. Ethics of Total Joint Arthroplasty Gainsharing. *J Bone Joint Surg Am*. 2017 Mar 1;99(5):e22. doi: 10.2106/JBJS.16.00594. PMID: 28244921.
25. **Mercuri JJ**, Bosco JA, Iorio R, Schwarzkopf R. The Ethics of Patient Cost-Sharing for Total Joint Arthroplasty Implants. *J Bone Joint Surg Am*. 2016 Dec 21;98(24):e111. doi: 10.2106/JBJS.16.00394. PMID: 28002379.
26. **Mercuri JJ**, Okey NE, Karia RJ, Gross RH, Zuckerman JD. Resident Physician Duty-hour Requirements: What Does the Public Think? *J Am Acad Orthop Surg*. 2016 Nov;24(11):789-795. doi: 10.5435/JAAOS-D-16-00241. PMID: 27661392.
27. **Mercuri JJ**, Vigdorchik JM, Otsuka NY. Moral Dilemmas in Pediatric Orthopedics. *Orthopedics*. 2015 Dec;38(12):e1133-8. doi: 10.3928/01477447-20151123-04. PMID: 26652336.
28. DelSole EM, **Mercuri JJ**, Stachel A, Phillips MS, Zuckerman JD. Risk of hepatitis C virus exposure in orthopedic surgery: is universal screening needed? *Am J Orthop (Belle Mead NJ)*. 2014 Jun;43(6):E117-23. PMID: 24945483.
29. **Mercuri JJ**, Karia RJ, Egol KA, Zuckerman JD. Moral reasoning strategies of orthopaedic surgery residents. *J Bone Joint Surg Am*. 2013 Mar 20;95(6):e361-9. doi: 10.2106/JBJS.K.01439. PMID: 23515996.
30. Zuckerman JD, Holder JP, **Mercuri JJ**, Phillips DP, Egol KA. Teaching professionalism in orthopaedic surgery residency programs. *J Bone Joint Surg Am*. 2012 Apr 18;94(8):e51. doi: 10.2106/JBJS.K.00504. PMID: 22517397.
31. Park JJ, Campbell KA, **Mercuri JJ**, Tejwani NC. Updates in the management of orthopedic soft-tissue injuries associated with lower extremity trauma. *Am J Orthop (Belle Mead NJ)*. 2012 Feb;41(2):E27-35. PMID: 22482099.

PODIUM PRESENTATIONS

1. Ozdag Y, Makar GS, Tang A, Murphy JE, VanderBrook DJ, **Mercuri, JJ**. *A Comparative Analysis of Microbial Pathogens and Survivorship Between Native and Prosthetic Hips Following Girdlestone Resection Arthroplasty*. Presented at: Eastern Orthopaedic Association Annual Meeting; Palm Beach, FL (2024, October).
2. Mun JS, Biagiotti S, Agarwal N, Khoylyan A, Manikowski JJ, **Mercuri, JJ**, DelSole EM. *Clinical Impact of No-Show Appointments Prior to Lumbar Spine Surgery*. Presented at: Eastern Orthopaedic Association Annual Meeting; Palm Beach, FL (2024, October).
3. **Mercuri JJ**, Patel S, Ascani D, Bernardoni M. *CT-Measured Tibial Slope Will Not Optimize Ligamentous Reconstruction as Determined by NextAR*. Presented at: International Society for Technology in Arthroplasty Annual Meeting; Nashville, TN (2024, August).
4. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. *Patient “No-Show” Increases the Risk of 90-Day Complications Following Primary Total Hip Arthroplasty*. Presented at: American Association of Hip and Knee Surgeons Annual Meeting; Dallas, TX (2023, November).
5. **Mercuri JJ**, Ascani D, Bernardoni M. *NextAR TKA: Intraoperative, 3-Dimensional, Dynamic Ligament Assessment to Achieve Optimal Balance of the Knee*. Presented at: International Society for Technology in Arthroplasty Annual Meeting; New York, NY (2023, September).
6. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. *“No-Showing” Appointments Prior to Total Knee Arthroplasty Increases Infection Risk*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting; Pittsburgh, PA (2023, September).
7. Mun JS, Manikowski JJ, Parry MW, Tang A, Crinella C, **Mercuri JJ**. *Does Patient “No-Show” Increase the Risk of 90-Day Complications Following Primary Total Joint Arthroplasty?* Presented at: Sir Robert Jones meeting of the Alumni Association of NYU Langone Orthopedic Hospital (Formerly NYU Hospital for Joint Diseases); New York, NY (2022, November).
8. **Mercuri JJ**, DelSole EM, Glass NE, Frangos SG, Tejwani NC. *Bicyclists verses Pedestrians Struck by Motor Vehicles in a Major City: Is it Safer to Ride or Walk?* Presented at: International Society for Fracture Repair Biannual Meeting; New York, NY (2014, May).
9. DelSole EM, **Mercuri JJ**, Glass NE, Frangos SG, Tejwani NC. *Pedestrians Struck by Automobiles: Are Injuries Predicated Upon Time of Day? An Analysis of 1036 Patients*. Presented at: International Society for Fracture Repair Biannual Meeting; New York, NY (2014, May).
10. DelSole EM, **Mercuri JJ**, Stachel A, Phillips MS, Zuckerman JD. *The Risk of Hepatitis C Virus Exposure in Orthopaedic Survey: Is Universal Screening Needed?* Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; Chicago, IL (2013, March).
11. **Mercuri JJ**. *Moral Reasoning Strategies of Orthopaedic Surgery Residents*. Presented at: NYU Langone Medical Center’s Colloquium on Medical Ethics; New York, NY (2012, May).
12. **Mercuri JJ**, Gillespie C, Hanley K, Zabar S, Kalet AL. *What They Bring With Them To Medical School: Moral Reasoning and OSCE Performance in Newly Matriculated Medical Students*. Presented at: Society of General Internal Medicine Annual Meeting; Minneapolis, MN (2010, May).

POSTERS AND SCIENTIFIC EXHIBITS

1. Ozdag Y, Tang A, **Mercuri JJ**. *Total Knee Arthroplasty with NextAR Improves Patient Reported Outcomes at Two Months Compared to Robotic Arm Assisted Surgery*. Presented at: International Society for Technology in Arthroplasty Annual Meeting; Rome, Italy (2025, September)
2. **Mercuri JJ**, Marois B, Cagnin A, Fuentes A. *NextAR-Assisted Total Knee Arthroplasty Improved Dynamic Gait Deficiencies in Varus Aligned Knees – An Exploratory Analysis*. Presented at: International Society for Technology in Arthroplasty Annual Meeting; Rome, Italy (2025, September)
3. Biagiotti S, Mun J, Tang A, Chen T, **Mercuri JJ**, DelSole E. *Patient “No-Show” Increases Risk of Postoperative Infection Following Cervical Spine Surgery*. Presented at: North American Spine Society Meeting; Denver CO (2025, November)

4. Vazquez F, Ellison E, Cole A, Hu Y, Ozdag Y, **Mercuri JJ**, Gillette JM. *Total Knee Arthroplasty Outcomes Following the IPACK Nerve Block: A Systematic Review and Meta-analysis of Randomized Controlled Trials*. Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; San Diego, CA (2025, March). Presented at: Clinical Orthopaedic Society Annual Meeting; Tampa, FL (2024, September). Presented at: Pennsylvania Orthopaedic Society Annual Meeting; LaFayette, PA (2024, October).
5. Vaskas A, Ozdag Y, Shadi BA, **Mercuri JJ**. *Does Medicare Advantage Actually Give an Advantage? A Comparison of Total Hip Arthroplasty Outcomes between Patients with Traditional Medicare and Medicare Advantage*. Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; San Diego, CA (2025, March). Presented at: Pennsylvania Orthopaedic Society Annual Meeting; LaFayette, PA (2024, October).
6. Ozdag Y, Tang A, Murphy JE, **Mercuri, JJ**. *Serotonin Norepinephrine Re-Uptake Inhibitors Prior to Total Knee Arthroplasty: No Cause for Concern*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting (2024, October). Presented at: American Association of Hip and Knee Surgeons Annual Meeting; Dallas, TX (2024, November).
7. Ozdag Y, Salvato J, Kloc A, Mercuri JJ. *Social Determinants of Health: Z-codes Could Signal Future Low Compliance with Patient Reported Outcome Measures after Total Hip Arthroplasty*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting; LaFayette, PA (2024, October).
8. Vaskas A, Ozdag Y, Tang A, **Mercuri JJ**. *Clinically Symptomatic Low Serum Testosterone Significantly Increases the Risk of Complications in Rural Male Patients Undergoing Total Hip Arthroplasty: A Propensity Matched Cohort Study*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting; LaFayette, PA (2024, October).
9. Mun JS, Parry MW, Tang A, Manikowski JJ, Crinella C, **Mercuri JJ**. *“No-Showing” Appointments Prior to Total Knee Arthroplasty Increases Infection Risk*. Presented at: Presented at: Clinical Orthopaedic Society Annual Meeting; New Orleans, LA (2023, September).
10. Foster B, Grampp SJ, Ozdag Y, Vasquez F, Tang A, **Mercuri JJ**. *Assessing the Quality, Content, and Readability of Online Patient Resources on Viscosupplementation*. Presented at: Pennsylvania Orthopaedic Society Annual Meeting; Pittsburgh, PA (2023, September). Presented at: Clinical Orthopaedic Society Annual Meeting; New Orleans, LA (2023, September).
11. Foster B, Rae M, Torino D, **Mercuri JJ**, Horwitz D. *Warm Saline Irrigation Protocol Decreases Cement Curing Time in Hip Arthroplasty*. Presented at: Orthopaedic Trauma Association Annual Meeting; Fort Worth, TX (2021, October).
12. Behery OA, Pepper AM, **Mercuri JJ**, Luthringer TA, Vigdorchik JM. *Multimodal Pain Management in Total Hip and Knee Arthroplasty: What Should be in the Cocktail?* Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; Las Vegas, NV (2019, March).
13. **Mercuri JJ**, Lakomkin N, Bosco JA, Schwarzkopf R, Zuckerman JD, Iorio R. *Total Joint Arthroplasty Implant Pricing: Past, Present and Future*. Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; San Diego, CA (2017, March).
14. **Mercuri JJ**, Bronson WH, Lajam C, Bosco JA, Iorio R, Schwarzkopf R, Zuckerman JD. *Unintended Ethical Consequences of Value Based Care in Total Joint Arthroplasty*. Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; San Diego, CA (2017, March).
15. **Mercuri JJ**, Gillespie C, Hanley K, Zabar S, Kalet AL. *What They Bring With Them To Medical School: Moral Reasoning and OSCE Performance in Newly Matriculated Medical Students*. Presented at: Regional Meeting of the Society of General Internal Medicine; New York, NY (2010, March).

BOOK CHAPTERS

1. **Mercuri JJ**, Riddle DL, Slover JD. “Pain Catastrophizers: A Subgroup at Risk for Poor Outcome After Total Knee Arthroplasty.” Section 13, Chapter 179. *Insall and Scott Surgery of the Knee*, 6th Edition. Ed. W. Norman Scott. Philadelphia, PA: Elsevier Health Sciences. March, 2017. Pages 1972-1978.

INTERNET PUBLICATIONS

1. **Mercuri JJ**, Nedopil AJ, Greene J. (2023, September). TKA Kinematic Alignment. *Orthobullets*. <https://www.orthobullets.com/recon/423129/tka-kinematic-alignment>
2. Pepper AM, **Mercuri JJ**, Behery OA, Vigdorchik JM. (2018, March 22). Perioperative Pain Management in TJA: What Should Be in the Mix? *International Congress for Joint Reconstruction*. <https://icjr.net/articles/perioperative-pain-management-in-tja-what-should-be-in-the-mix>
3. **Mercuri JJ**, Pepper AM, Werner JA, Vigdorchik JM. (2017, December 19). Evaluating the Evidence for Gap Balancing, Measured Resection and Kinematic Alignment. *International Congress for Joint Reconstruction*. <http://icjr.net/articles/evaluating-the-evidence-for-gap-balancing-measured-resection-and-kinematic-alignment>.
4. **Mercuri JJ**. (2011, March 11). Metaphysics of Medical Futility. *Clinical Correlations: The NYU Langone Online Journal of Medicine*. <http://www.clinicalcorrelations.org/?p=4093>.
5. **Mercuri JJ**. (2010, January 15). The Ethics of Electronic Medical Records. *Clinical Correlations: The NYU Langone Online Journal of Medicine*. <http://www.clinicalcorrelations.org/?p=2211>.

MAGAZINE ARTICLES

1. **Mercuri JJ**. “Joint Replacement – Looking at the Big Picture.” *The Circle*. Geisinger Health Plan Silver Circle Program. July, 2025. Page 6.
2. **Mercuri JJ**. “Smart Choices for Healthy Hips and Knees.” *The Circle*. Geisinger Health Plan Silver Circle Program. June, 2025. Page 6.
3. **Mercuri JJ**. “Preparing for Your New Hip or Knee.” *The Circle*. Geisinger Health Plan Silver Circle Program. August, 2023. Page 4.

NATIONAL SYMPOSIUMS

1. **Mercuri JJ**, Wickline A. *Circle Hour for the MOTIV TKA Observational Protocol*. Presented at: National Meeting of the American Academy of Orthopaedic Surgeons; New Orleans, LA (2026, March)
2. Greene J (moderator), Howell S, **Mercuri JJ**, Nedopil A, Wickline A. *Recovery Reimagined: The ART of Modern Joint Care*. Presented at: American Association of Hip and Knee Surgeons Annual Meeting; Dallas, TX (2025, October).
3. Bashal, Christal, Clegg, Dasa, Fuller, Grammer, Hodgkins, Jacob, Kavanaugh, Meade, **Mercuri**, Nelson Rechter, Sah, Wickline (moderator). *March 2 A Million – Low/No Opioid Total Knees and Hips: Real World Solutions for Every Surgeon*. Presented at: American Association of Hip and Knee Surgeons Annual Meeting; Dallas, TX (2025, October).

WEBINARS

1. Greene J, **Mercuri JJ**, Nedopil AJ, Ransone M. (2025, November). *CoinFlips Webinar – Varus Knee in 61 Year-Old Male*. Hosted by: Orthobullets
2. Greene J, **Mercuri JJ**, Nedopil AJ. (2022, December). *Medacta Presents: Why You Should Consider Kinematic Alignment*. Hosted by: American Academy of Orthopaedic Surgeons
3. Anderson L, Manning D, **Mercuri JJ**, Thadani P. (2021, April). *Modern Solutions in Revision, Hinge and Complex Total Knee Arthroplasty*. Hosted by: Medacta Orthopaedic Research and Education Institute

TELEVISION APPEARANCES

1. Charlton W, Meade T, **Mercuri JJ**. (2022, April). *What's New in the World of Joint Replacement*. Aired by: PBS WVIA, Call the Doctor. Season 34, Episode 9. <https://www.pbs.org/video/joint-replacement-cppksu/>

PREVIOUS NYU COMMITTEE ROLES

- | | |
|--|-------------|
| Independent Review Panel for Adult Reconstruction CME Webinars
NYU Langone Orthopedic Hospital, New York, NY | 2018 |
| <ul style="list-style-type: none"> • Independent educational content reviewer for a multi-hour CME event | |
| ACGME Clinical Learning Environment Review Committee
NYU Hospital for Joint Diseases, New York, NY | 2015 – 2017 |
| <ul style="list-style-type: none"> • Resident representative for ACGME site visits at my NYU training program • Assessed the clinical learning environment for residents and fellows in key areas • Patient safety, care quality and transitions, supervision, duty hours, fatigue, and professionalism | |
| Professionalism Remediation Program Instructor
NYU School of Medicine, New York, NY | 2011 – 2016 |
| <ul style="list-style-type: none"> • Professional behavior remediation for NYU School of Medicine students • Utilized graduate degree training in bioethics and moral decision-making | |

COLLEGIATE ATHLETICS

- | | |
|---|-------------|
| • Inducted into The University of Scranton Athletics Wall of Fame | 2018 |
| • National Collegiate Athletic Association Postgraduate Scholarship Winner | 2007 |
| • <i>ESPN The Magazine</i> / CoSIDA National First Team Academic All-American | 2006 & 2007 |
| • NCAA Student-Athlete Advisory Committee
The University of Scranton, Scranton, PA | 2004 – 2007 |
| • Track and Field Club
The University of Scranton, Scranton, PA | 2004 – 2007 |
| • Varsity Cross Country Team
The University of Scranton, Scranton, PA | 2003 – 2007 |

INTERESTS

- | | |
|------------------------------------|-------------------------|
| • Antique John Deere Farm Tractors | • Home Improvement |
| • Traditional Wet Shaving | • Long Distance Running |

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