

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

## WORK

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## CURRENT TITLES AND ROLES

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Director, Geisinger Adult Reconstruction Fellowship	2022 – Present
Associate Program Director, Geisinger Northeast Orthopaedic Surgery Residency	2021 – Present
Associate Professor, Geisinger Commonwealth School of Medicine	2024 – Present
Staff Orthopaedic Surgeon, Geisinger Musculoskeletal Institute	2018 – Present

## EXECUTIVE SUMMARY

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- 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

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- 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 2500 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)

## BIOETHICS, POLICY, AND HEALTH ECONOMICS

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- 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

## GEISINGER SYSTEM LEADERSHIP

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|---|----------------|
| MSK Block Time Utilization Committee  | 2025 – Present |
| <ul style="list-style-type: none"><li>• Adult reconstruction representative for a system-wide initiative to optimize block time utilization</li></ul> |                |

- 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

OR Quality Committee – First Case On-Time Starts 2025 – Present

- Orthopaedic representative for a system-wide initiative to optimize “on-time” starts
- Working with colleagues from the anesthesia department, nursing leadership, and OR staffing

Central Sterile Reprocessing Steering Committee 2024 – Present

- 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
- Interviewing candidate for system-wide director of CSR

Clinic Triage, Scheduling and Access Committee 2024 – Present

- Developed branched logic to drive triage decisions for adult hip and knee patients
- Working closely with representatives from medical informatics to optimize clinic triage
- Integrating OBERD technology into Epic workflow to optimize MSK triage and CMS compliance

Silver Circle Author, Geisinger Health Plan 2023 – Present

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

ProvenCare Hip and Knee Committee 2022 – Present

- 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

Geisinger Health Plan / Medacta Guaranteed Outcome Project 2018 – Present

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

Value-Based Care Clinical Guidelines 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

Musculoskeletal Supply Chain 2023 – 2025

- Assisted the physician executive of the enterprise supply chain on MSK value-based negotiations

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
- Developed new CPT code-based order sets for system-wide surgical scheduling
  - 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 2021 – 2022
- Worked closely with Deloitte consultants as an on-site clinical liaison
  - Developed a value-based care dashboard for 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**

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- 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
  - Yearly 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 of 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 of Program Evaluation Committee for Northeast Residency 2022 – Present
- Preside over twice-yearly meetings that critically evaluate the residency program
  - Review formal feedback from both residents and faculty
  - Review feedback received from the ACGME regarding program accreditation
  - Enact 6-month action plans to improve the program and address deficiencies
- Adult Reconstruction Division Research Group 2022 – Present
- Oversee the activity of a full-time adult-reconstruction research fellow
  - Hold bi-weekly research meetings to review the research progress across multiple projects
  - There are over 30 ongoing research projects, and I am a contributing author on 17 of them
  - Responsible for application review, interviewing and hiring the research fellow

- Associate Program Director, Geisinger Northeast Orthopaedic Surgery Residency 2021 – Present
- Member of the core faculty and the selection committee (2021 – Present)
  - Surgical and outpatient preceptor for four residents per year
  - Chair of Program Evaluation Committee
  - Responsible for resident didactics in adult reconstruction
  - Responsible for administrative, recruitment, interview and selection activities
  - A national-scope residency with good status and pending final ACGME accreditation

## ADVISORY BOARD POSITIONS

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- 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

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- Kinematic Knee Alignment Course 2023 – Present  
Memphis, TN; Las Vegas, NV
- Invited faculty for a category 1 CME course with national and international participants
  - Taught in all 3 years of the course with a panel of other national and international faculty
  - Lecture Session: “The Future of Technology in Kinematic Total Knee Arthroplasty”
  - Cadaveric Session: NextAR augmented reality navigation for unrestricted kinematic alignment

- Medacta Orthopaedic Research and Education Institute 2021 – Present  
Atlanta, GA; Austin, TX; Boston, MA; Las Vegas, NV; Chicago, IL; Tampa, FL
- 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)

- Near-Peer Musculoskeletal Project Instructor 2015  
NYU School of Medicine, Icahn School of Medicine at Mount Sinai
- Invited faculty to teach musculoskeletal physical exam to students from NYU and Mt. Sinai

## COMMUNITY ACTIVITIES

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- Little League, Ski School, and Soccer Dad 2022 – Present
- Supporting my two young sons in their extracurricular activities
- Walk with a Doc 2022 – Present
- Participant in Geisinger MSK Institute walks in Central and Northeast PA

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| Haiti Surgical Relief Trip  | 2015 |
| <ul style="list-style-type: none"> <li>• Participated in an NYU-staffed, 7-day trip to Port-au-Prince Haiti</li> <li>• Performed orthopaedic trauma surgery at a large urban public hospital</li> </ul> |      |

## **PREVIOUS COMMITTEE ROLES**

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

## **DIGITAL PRESENCE AND OUTREACH**

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- <http://www.linkedin.com/in/john-j-mercuri-md-ma-7660b196>
- Average 50 profile views per 90 days and 15 search appearances per week
- <http://www.doximity.com/pub/john-mercuri-md>
- A Top 10% most cited clinician
- <http://www.researchgate.net/profile/John-Mercuri>
- Average of 8 citations per paper written
- <http://www.orthobullets.com/user/12854/John-J-Mercuri>
- Lead author of the only page content on kinematic alignment knee arthroplasty
- <http://www.vumedi.com/search/?q=mercuri>
- Multiple video presentations on kinematic alignment knee arthroplasty theory and technique
- <http://www.march2amillion.com>
- Early adopter 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

## SELECTED ONGOING RESEARCH

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Upcoming Ethics Paper 2025 – Present

- In-draft 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 Springer 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.

## EMPLOYMENT HISTORY

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Geisinger Orthopaedics and Sports Medicine 2018 – Present  
Geisinger Community Medical Center  
Geisinger Commonwealth School of Medicine  
Scranton, PA

## FELLOWSHIP TRAINING

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

## RESIDENCY TRAINING

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

## EDUCATION AND DEGREES

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Doctor of Medicine 2007 – 2012  
NYU School of Medicine  
New York, NY

Master of Arts in Bioethics 2010 – 2011  
New York University  
New York, NY

Thesis: *Orthopaedic Surgery Graduate Medical Education: Medical Ethics and Moral Decision-Making*

Bachelor of Science in Biology  
The University of Scranton  
Scranton, PA  
Presidential Scholarship recipient, *Summa Cum Laude* graduate

2003 – 2007

## LICENSURE AND CERTIFICATION

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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

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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
Special Jesuit Liberal Arts Program	2003 – 2007

## JOURNAL PUBLICATIONS

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1. 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.
2. 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.
3. Ozdag Y, Makar GS, Goltz DE, Seyler TM, **Mercuri JJ**, Pallis M. Validation of a Discharge Risk Calculator for Rural Patients Following Total Joint Arthroplasty. *J Arthroplasty*. 2024 Jun 24:S0883-5403(24)00646-6. doi: 10.1016/j.arth.2024.06.047. Epub ahead of print. PMID: 38925275.
4. 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.
5. 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.
6. 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.
7. 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.

8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. **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.
15. **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.
16. 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.
17. **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
18. **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.
19. **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.
20. **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.
21. **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.
22. 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.
23. **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.
24. 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.



25. 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

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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, Khoilyan 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

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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).

## INTERNET PUBLICATIONS

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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>.

## BOOK CHAPTERS

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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*, 6<sup>th</sup> Edition. Ed. W. Norman Scott. Philadelphia, PA: Elsevier Health Sciences. March, 2017. Pages 1972-1978.

## MAGAZINE ARTICLES

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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.

## WEBINARS

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1. Greene J, **Mercuri JJ**, Nedopil AJ, Ransone M. (2025, August). *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

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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/>

## COLLEGIATE ATHLETICS

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- Inducted into The University of Scranton Athletics Wall of Fame

2018

- National Collegiate Athletic Association Postgraduate Scholarship Winner 2007
- *ESPN The Magazine* / CoSIDA National First Team Academic All-American 2006 & 2007
- NCAA Student-Athlete Advisory Committee 2004 – 2007  
The University of Scranton, Scranton, PA
- Track and Field Club 2004 – 2007  
The University of Scranton, Scranton, PA
- Varsity Cross Country Team 2003 – 2007  
The University of Scranton, Scranton, PA

## INTERESTS

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

**Last Updated: August 2025**