



DOWNSTATE ORTHOPAEDIC SURGERY

Alumni Newsletter || Research Update



LETTER FROM THE CHAIRMAN



To My Colleagues,

It is my pleasure to welcome you to one of the most anticipated moments of our year—the Annual Alumni Reception held in conjunction with the AAOS Annual Meeting. SUNY Downstate continues to take great pride in its role as a center of excellence in musculoskeletal education and care in Brooklyn, with a growing alumni network of more than 200 residency graduates who are advancing the field across the country.

Our Department of Orthopaedic Surgery and Rehabilitation Medicine remains dynamic and forward-looking. Each year, we are privileged to train six outstanding resident physicians across the full spectrum of orthopaedic subspecialties. In recent years, our program has expanded to include New York City Health + Hospitals/Lincoln, a high-volume Level

I trauma center in the Bronx, now recognized by our residents as one of the most highly regarded clinical rotation sites in the program.

The continued success and evolution of our department would not be possible without the lasting contributions of our alumni. Your impact is deeply felt, and we are committed to strengthening our connection with you as we build the next chapter of the program. We encourage you to update your contact information so we may continue to share departmental updates, opportunities, and milestones.

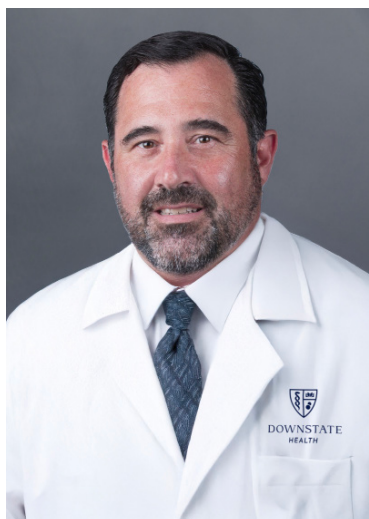
Thank you for your enduring support and for being an integral part of our shared legacy. I look forward to celebrating our collective achievements and an exciting future together at the reception.

A stylized, handwritten signature in blue ink, consisting of a long horizontal stroke with a small loop at the end.

William P. Urban, MD

*Associate Professor and Chairman
Department of Orthopaedic Surgery & Rehabilitation Medicine
Chief, Sports Medicine
SUNY Downstate Health Sciences University*

LETTER FROM THE PROGRAM DIRECTOR



To My Colleagues,

Welcome to the Annual Downstate Orthopaedics Alumni Reception. As Program Director, I am pleased to share the continued progress and momentum of our department over the past year. Our presence at the AAOS Annual Meeting remains strong, supported by a growing and increasingly impactful portfolio of high-quality scholarly work.

At SUNY Downstate Orthopaedics, our collaboration with the College of Medicine continues to enhance the academic experience for future orthopaedic surgeons. During this academic year alone, more than 90 Downstate medical students participated in meaningful, mentored research initiatives—an achievement that reflects our shared commitment to academic rigor, inquiry, and innovation.

Our residency curriculum continues to evolve, offering a balanced and comprehensive integration of clinical training, academic instruction, and research engagement. Supported by a highly committed faculty, our residents and students benefit from individualized mentorship and guidance, ensuring they are well equipped to pursue their professional goals and subspecialty interests.

The department's continued growth in research productivity and strong fellowship match outcomes underscore our dedication to cultivating the success of our trainees. These accomplishments are made possible, in large part, by the ongoing engagement and support of our alumni, whose advocacy and involvement meaningfully strengthen our program and help shape the next generation of orthopaedic leaders.

Thank you for your continued support and for the vital role you play in our shared success. I look forward to celebrating our achievements and exploring new opportunities together at the reception.

A stylized, handwritten signature in blue ink, appearing to read "C. Paulino".

Carl B. Paulino, MD

*Program Director
Department of Orthopaedic Surgery & Rehabilitation Medicine
Chief, Spine Surgery
SUNY Downstate Health Sciences University*

RETIREMENT OF THE “BOSS”



Farewell to a Legend: Dr. Stanley M. Gordon Retires

After a storied career spanning over four decades, Stanley M. Gordon, MD, the founding Chairman of the Department of Orthopaedic Surgery and Rehabilitation Medicine at SUNY Downstate, is officially retiring. Dr. Gordon leaves behind a legacy defined by unwavering integrity, academic excellence, and the successful “resurrection” of a program that has shaped the careers of countless surgeons.

From Pittsburgh to Brooklyn: A Journey of Excellence

Raised in Pittsburgh, Dr. Gordon’s academic journey began at Harvard University. Though he initially focused on chemistry, he returned to the University of Pittsburgh for medical school, where his global perspective began to take root during a prestigious rotation at St. Mary’s Hospital in

London.

His training was briefly interrupted by service in the U.S. Army during the Vietnam War, where he served in Korea. This experience sparked a lifelong fascination with Asia; Dr. Gordon eventually became conversant in Mandarin and traveled extensively throughout the region. Following his service and residency, he pursued specialized hand surgery training in Paris under the legendary Raoul Tubiana before launching his academic career.

The Architect of Downstate Orthopaedics

In 1981, Dr. Gordon accepted the “daunting” challenge of moving to Brooklyn to lead what was then a struggling orthopaedic division. At the time, the program faced perpetual probation and a lack of resources. Alongside colleagues like Arsen Pankovich, Dr. Gordon worked with an “obsession” to rebuild the program from the ground up, focusing on patient care and rigorous resident education.

His persistence culminated in 1986, when he successfully advocated for the creation of an independent department. He became the first chairman of the combined Department of Orthopaedic Surgery and Rehabilitation Medicine—which remains the only academic musculoskeletal group in Brooklyn to this day.

A Legacy of Integrity and Mentorship

To his residents, “The Boss” was known for a management style that combined high expectations with a deep sense of ethics. He famously mandated that every patient, from Riker’s Island inmates to city officials, receive the exact same high standard of care.

Dr. Gordon’s impact is best measured by the success of those he trained. His proteges have gone on to become national leaders in the field, including:

- Paul Tornetta, MD: 21st President of the Orthopaedic Trauma Association.
- William Urban, MD: Current Chairman of Orthopaedics at SUNY Downstate.
- Michael O’Brien, MD: Internationally renowned spinal deformity surgeon.

Final Thoughts

As he enters retirement, Dr. Gordon reflects on his greatest achievement not as a personal accolade, but as the creation of a training program that allowed others to flourish. We invite all alumni to join us in thanking Dr. Gordon for his decades of service, his “straightforward and honest” leadership, and for rolling up his sleeves on day one to build the department we know today.

MEDICAL STUDENT OUTREACH

Despite its competitive nature, orthopaedic surgery remains a highly sought-after specialty among aspiring physicians. At SUNY Downstate Health Sciences University Department of Orthopaedic Surgery & Rehabilitation Medicine, we have a longstanding tradition of providing robust research opportunities to both students and resident physicians.

Since its introduction in 2021, we have continued our intensive three-day research tutorial. Led by our research coordinator, David Mai, and Adam Wolfert—a class of 2027 resident physician and former tutorial participant—the program was designed to guide participants through the full lifecycle of a research project, from idea conception to scholarly publication. Beyond establishing a strong foundation in research methodologies, the tutorial also equips future leaders with the skills necessary to critically evaluate medical literature. These capabilities further enrich students' understanding of high-yield topics relevant to the USMLE. We were delighted to see enthusiastic participation from both students and College of Medicine faculty.



Our mission is to welcome all students eager to explore research opportunities, regardless of their specialty interests. Reflecting this commitment, we have forged a collaborative partnership with the SUNY Downstate Health Sciences University School of Public Health. This initiative not only enables students to earn educational credit through research but also supports them in meeting graduation requirements. Our team proudly mentors students through their capstone projects—a pivotal experience that contributed to the successful attainment of a Master of Public Health degree.



Additionally, we have enhanced our summer enrichment program for first-year medical students, building on the momentum of recent research initiatives. The program provided unique opportunities for students to gain invaluable clinical experience by shadowing our attending physicians, participate in didactic lectures on essential orthopaedic topics, and engage in small group and one-on-one mentorship sessions to hone their research problem-solving skills.

We remain deeply committed to nurturing the next generation of physicians and are sincerely grateful for your unwavering support in advancing our mission.

RESIDENTS DIDACTICS

In our relentless pursuit of academic and clinical excellence, the SUNY Downstate Orthopaedic Surgery Program remains dedicated to enhancing the didactic experience for our residents. Recognizing the critical need for a robust foundation in both clinical knowledge and surgical expertise, we strive to ensure our trainees are exceptionally prepared to excel as future orthopaedic surgeons.

Central to our innovative educational approach is a dynamic daily conference schedule. This carefully structured

program maximizes clinical exposure, facilitates thoughtful case planning, and encourages constructive critique. Such an environment not only sharpens problem-solving skills but also refines the decision-making acumen of our emerging leaders.

Additionally, we equip each resident with access to premier online educational resources, including the Orthobullets PASS program. This comprehensive platform provides daily study guides, targeted email updates, and a vast collection of questions and practice exams. It also enables our faculty to closely monitor and track each resident's progress, ensuring that training remains consistent, measurable, and aligned with our rigorous standards.

Our commitment to continuous improvement in teaching and training reaffirms our dedication to nurturing the next generation of orthopaedic surgeons. As valued alumni, your ongoing support and involvement are crucial in sustaining this legacy of excellence and in shaping the future of orthopaedic surgery at SUNY Downstate Health Sciences University.



SPECIAL THANKS TO:

Dr. Stanley Gordon for organizing and leading the Journal of Bone and Joint Surgery Journal Club, where the latest advancement and current techniques are discussed.

Interested in coming back to give a Grand Rounds or Academic Lecture?
Please Email Nina Jalowayski (nina.jalowayski@downstate.edu)

CONGRATULATIONS TO THE CLASS OF 2026



Brody Dawkins, MD



Chibuokem Ikwuazom, MD



David Kim, MD



Declan Tozzi, MD



Eric Windsor, MD



Jack Zhou, MD

CLASS OF 2026 FELLOWSHIPS

Graduates	Fellowship	Institution
Brody Dawkins, MD	Pediatric	Seattle Children’s Hospital
Chibuokem Ikwuazom, MD	Spine	University of Pittsburgh Medical Center
David Kim, MD	Spine	University of Virginia
Declan Tozzi, MD	Sports Medicine	Lenox Hill
Eric Windsor, MD	Sports Medicine	Lenox Hill
Jack Zhou, MD	Total Joints	Houston Methodist Hospital



MEET THE RISING CHIEFS: CLASS OF 2027



Nolan Condron, MD
PGY 4



Max Detweiler, MD
PGY 4



David Kim, MD
PGY 4



Peter Twining, MD
PGY 4



Ryne Veenema, MD
PGY 4



Adam Wolfert, MD
PGY 4

POSTGRADUATES YEAR 3, 2, AND 1



Juhayer Alam, MD
PGY 3



Joshua Buksbaum, MD
PGY 3



Marc El Beaino, MD
PGY 3



Jacob Feingold, MD
PGY 3



Lara Passfall, MD
PGY 3



Gregory Van Perrier, MD
PGY 3



Varag Abed, MD
PGY 2



Faisal Arash, MD
PGY 2



Nayeem Baksh, MD
PGY 2



Boris Christopher, MD
PGY 2



Margaret Lee, MD
PGY 2



William Pallisery, MD
PGY 2



John Bodnar, MD
PGY 1



Samuel Green, MD
PGY 1



Nicole Liddy, MD
PGY 1



Michael Moore, MD
PGY 1



Chase Nelson, MD
PGY 1



Elizabeth Rieger, MD
PGY 1

STANLEY GORDON RESIDENT FUND



To the Beloved SUNY Downstate Orthopaedics Alumni:

As cherished members of our illustrious legacy, you have been integral to the remarkable journey of the SUNY Downstate Department of Orthopaedic Surgery since its transformative inception in the early 1980s. From our early days as a pioneering combined program—born from the synergy of Orthopaedic Surgery and Rehabilitation Medicine—to the integration of Brookdale Hospital's Orthopaedic Program, your support has been vital in shaping our success.

The department has flourished over the years, nurturing nearly 200 orthopaedic residents who have gone on to excel in every subspecialty, thereby shaping the future of both private and academic practice nationwide. Our alumni, including esteemed chairpersons and residency/fellowship program directors, stand as a testament to the unparalleled training and mentorship provided at Downstate. The high achievements in research productivity and the escalating caliber of our residency applicants underscore our unwavering commitment to excellence.

Our department remains a beacon of specialized care, offering unparalleled expertise in Hand and Microvascular Surgery, a robust Sports Medicine program, and proudly serving as Brooklyn's exclusive haven for Orthopaedic Oncology. Additionally, our Adult Reconstruction, Shoulder and Elbow Surgery, Pediatric Orthopaedics, and comprehensive Spine programs reflect our dedication to addressing the full spectrum of musculoskeletal ailments with precision and care.

Founded by the visionary Dr. Stanley L. Gordon in 1982, our department has stood as the sole academic musculoskeletal group in Brooklyn, consistently leading the way in patient care, education, and groundbreaking research. The Stanley Gordon Resident Fund, established in his honor, embodies his commitment to fostering the next generation of orthopaedic leaders.

Today, we reach out to you, our esteemed alumni, to invite your continued support in sustaining this legacy of excellence. Your contributions are vital in fueling the vibrant network of SUNY Downstate Orthopaedics, enabling us to host pivotal gatherings like the Annual Reception at AAOS and the Distinguished Lecture. Moreover, your generosity empowers our residents, providing essential resources—such as travel grants—to showcase their groundbreaking work at national conferences.

Your support is not just a gift but an investment in the future of orthopaedic excellence. Together, let's continue to shape a legacy that stands as a paragon of excellence in musculoskeletal care, education, and research.



Class of 1994 - **From Left to Right:** Dr. Kevin Kunkle, Dr. Ron Chase, Dr. Susan Scherl, Dr. William Urban, Dr. Joseph Dryer, Dr. Howard Baum, and Dr. Robert Nu.

Please keep in touch!

Thank you for staying involved with and generously supporting the Downstate Orthopaedics Residency Program!

Please reach out to: Nina Jallowayski

(Nina.Jallowayski@downstate.edu)

ALUMNI SPOTLIGHT: Lee Zuckerman - Class of 2009



Dr. Lee M. Zuckerman is an accomplished orthopedic surgeon and internationally recognized expert in musculoskeletal oncology, serving as Associate Professor of Clinical Orthopaedic Surgery at the Keck School of Medicine of USC and a faculty physician with Keck Medicine of USC and the USC Norris Comprehensive Cancer Center.

Dr. Zuckerman specializes in treating both benign and malignant bone and soft-tissue tumors affecting the arms, legs, and pelvis in adults and children. His focus on multidisciplinary care, limb-salvage surgery, joint-preservation techniques, and personalized patient goals underscores his commitment not only to curing disease but also to maximizing long-term function and quality of life for patients facing complex oncologic challenges.

An active clinician-researcher, Dr. Zuckerman has pioneered advanced reconstructive techniques, including the use of magnetic lengthening intramedullary nails to facilitate bone reconstruction after tumor resection — work he's presented at major oncology meetings and published extensively.

Beyond his clinical and research achievements, Dr. Zuckerman has performed limb-salvage surgeries internationally in underserved environments, including in Haiti, the Dominican Republic, and Guyana. He also leverages endurance athletics — completing multiple Ironman distance triathlons — to raise awareness and support for sarcoma and cancer care.

Dr. Zuckerman's blend of compassionate patient care, technical surgical expertise, and leadership in orthopedic oncology reflects the highest traditions of our alumni community.

ALUMNI SPOTLIGHT: Qais Naziri - Class of 2018



Dr. Naziri Fellowship Highlight – Anterior Hip Foundation Traveling Fellowship

Earlier 2025, Dr. Naziri joined co-fellows on a national traveling fellowship through the Anterior Hip Foundation, stepping away from their practices to advance their expertise in the anterior approach to hip arthroplasty.

The fellowship began in Fremont, California with Dr. Alexander Sah, whose leadership and hospitality set the tone for the experience—including a behind-the-scenes tour of the Mizuho OSI facility. The group then traveled to Colorado to observe Dr. Kris Alden in Aspen and Dr. Joel Matta in Vail, a pioneer of the anterior approach, where they also enjoyed time with Dr. Matta and his family.

In Atlanta, the fellows joined Dr. Charlie DeCook and the TSJ team, witnessing the efficiency of a high-volume 16-joint surgical day and participating in a dynamic journal club discussion. The journey continued to Louisville with Dr. Jonathan Yerasimides, where they completed the final clinical site visit and shared in collegial mentorship and learning.

The fellowship concluded at the 2025 Anterior Hip Foundation Conference in Nashville, where the fellows served as faculty in a resident and international fellows lab, contributing to the education of the next generation of anterior hip surgeons and presenting reflections on their fellowship experience.

This immersive experience provided invaluable exposure to diverse surgical workflows, efficiency models, and mentorship from leaders in the field. Dr. Naziri has since incorporated multiple techniques and insights into his own practice.

NEW FACULTY



Andrew Boone, MD is an orthopaedic surgeon specializing in hand and upper extremity surgery, currently completing his fellowship at NewYork-Presbyterian/Columbia University Irving Medical Center. He completed his orthopaedic surgery residency at Howard University Hospital, where he distinguished himself academically and clinically, earning the department's Academic Achievement Award for the highest score on the Orthopaedic In-Training Examination and induction into the Alpha Omega Alpha Honor Medical Society.

Dr. Boone received his medical degree from Tufts University School of Medicine and holds a bachelor's degree in Biology from Princeton University. His clinical and academic interests center on hand trauma, peripheral nerve pathology, and operative efficiency in upper extremity procedures.

He has contributed to a growing body of orthopaedic and hand surgery literature, with publications in leading journals including the Journal of Hand Surgery, Clinical Orthopaedics and Related Research, Journal of Surgical Research, and Journal of Pharmacy Practice. His research has explored topics ranging from carpal tunnel release and compartment syndrome to prosthetic joint infections and long-term outcomes after hip arthroscopy. He is currently leading and collaborating on projects evaluating scaphoid fracture healing with early CT imaging and the application of artificial neural networks to operative efficiency in carpal tunnel surgery.

Beyond research, Dr. Boone is deeply committed to mentorship, education, and service. He has served as a sideline physician for high school athletics, taught anatomy and neuroscience at Tufts University, mentored underrepresented students through national orthopaedic initiatives, and participated in leadership programming through the AAMC. His dedication to teaching and community engagement was recognized during medical school with honors for humanism and civic service.

Dr. Boone is an active member of the American Academy of Orthopaedic Surgeons, the American Society for Surgery of the Hand, and the J. Robert Gladden Orthopaedic Society. He is passionate about advancing equitable access to orthopaedic care and fostering the next generation of surgeons through mentorship and outreach.

NEW FACULTY



Joshua A. Treloar, MD, MBA is an orthopaedic surgeon specializing in sports medicine, currently completing his fellowship at Harvard University/Massachusetts General Hospital. During fellowship, he serves as an assistant team physician for the New England Patriots, Boston College Athletics, and Harvard Athletics, where he provides high-level care for elite and collegiate athletes.

Dr. Treloar completed his orthopaedic surgery residency at the Keck School of Medicine of the University of Southern California (LAC+USC Medical Center). He earned both his Doctor of Medicine and Master of Business Administration, with a concentration in finance, from Tulane University—graduating first in his medical school class with a 4.00 GPA and induction into Alpha Omega Alpha. He holds a Bachelor of Science in Cell and Molecular Biology from Tulane University, where he graduated magna cum laude and was elected to

Phi Beta Kappa.

His academic interests include sports injury epidemiology, return-to-play outcomes, operative technique optimization, and the evolving economics of orthopaedic practice. Dr. Treloar has authored multiple peer-reviewed publications in journals including The Spine Journal, Orthopaedic Journal of Sports Medicine, and The Physician and Sportsmedicine, with work spanning topics such as ulnar collateral ligament surgery outcomes, lumbar fusion techniques, and injury patterns in collegiate athletes. He is also an active contributor to orthopaedic education as an editor for Orthobullets, where he has authored over 200 educational questions.

In addition to his clinical and research pursuits, Dr. Treloar maintains a strong interest in leadership, healthcare economics, and innovation in orthopaedics, including ongoing work examining the impact of private equity on orthopaedic practice models. He is an active member of the American Academy of Orthopaedic Surgeons, the American Orthopaedic Society for Sports Medicine, and the Arthroscopy Association of North America. Outside of medicine, Dr. Treloar is an avid athlete with interests in rowing, CrossFit, golf, and tennis, and he maintains a passion for finance and personal investing.

AAOS 2026 ANNUAL MEETING

Monday, March 2

Impact of General Versus Neuraxial Anesthesia on Total Hip Arthroplasty Outcomes: Retrospective NSQIP Database Cohort Study - P001 Adult Reconstruction Hip Poster Session 1, Monday, March 2 | 7:00 AM - 5:00 PM

Spinal Anesthesia and its Association with Deep Vein Thrombosis following Intertrochanteric Fracture Repair: A Retrospective Cohort Study - P242 Trauma Poster Session 1, Monday, March 2 | 7:00 AM - 5:00 PM

Is Single-Stage Bilateral Femoral Nailing a Safe and Efficacious Option for Patients with Synchronous Metastatic Bone Disease and Myeloma? - PP36 Musculoskeletal Oncology Poster Presentations, Monday, March 2 | 7:00 AM - 5:00 PM

Tuesday, March 3

Risk Factors for Surgical Site Infection Following Arthroscopic Rotator Cuff Repair - 227 Case Chats: Sports Medicine II - Advanced Concepts and Controversies: Sports Medicine Shoulder, Paper Presentations, Tuesday, March 3 | 12:30 PM - 1:30 PM

Wednesday, March 4

Neuraxial Anesthesia Has Lower Risk of Complications after Total Knee Arthroplasty - P293 Adult Reconstruction Knee Poster Session 2, Wednesday, March 4 | 7:00 AM - 5:00 PM

Effects of Having an Atrial Septal Defect on Postoperative Outcomes of Total Knee Arthroplasty Patients - P302 Adult Reconstruction Knee Poster Session 2, Wednesday, March 4 | 7:00 AM - 5:00 PM

Evaluation of Commonly Utilized Artificial Intelligence Large Language Models in Optimizing Readability, Accuracy, and Patient Comprehension of Orthopaedic Oncology Patient Educational Materials - P361 Musculoskeletal Oncology Poster Session 2, Wednesday, March 4 | 7:00 AM - 5:00 PM

AAOS ePoster 2026

Regional Anesthesia is Associated with Lower Risk of Blood Transfusion in Total Hip Arthroplasty - e0004 Adult Reconstruction Hip ePosters, Monday, March 2 | 7:00 AM - 5:00 PM

The Impact of Ventricular Septal Defect on Outcomes and Complications Following Total Hip Arthroplasty: A Propensity Scored-Match Analysis - e0035 Adult Reconstruction Hip ePosters Monday, March 2 | 7:00 AM - 5:00 PM

Serum Albumin May Predict Bleeding Transfusion Among Patients Undergoing Total Shoulder Arthroplasty - e0681 Shoulder and Elbow ePosters, Monday, March 2 | 7:00 AM - 5:00 PM

Impact of Preoperative Platelet Count on Readmission and Reoperation Following Total Hip Arthroplasty: A Retrospective Cohort Analysis Using the ACS NSQIP Database - e0114 Adult Reconstruction Hip ePosters Monday, March 2 | 7:00 AM - 5:00 PM

Impact of Preoperative Platelet Count on Postoperative Complications and Mortality Following Total Hip Arthroplasty: A Retrospective Cohort Analysis Using the ACS NSQIP Database - e0119 Adult Reconstruction Hip ePosters Monday, March 2 | 7:00 AM - 5:00 PM

Monitored Anesthesia Care Has Lower Risk of Readmission after Total Knee Arthroplasty - e0232 Adult Reconstruction Knee ePosters, Monday, March 2 | 7:00 AM - 5:00 PM

Impact of End-Stage Renal Disease on Postoperative Outcomes of Total Knee Arthroplasty Patient - e0260 Adult Reconstruction Knee ePosters, Monday, March 2 | 7:00 AM - 5:00 PM

Is Single-Stage Bilateral Femoral Nailing a Safe and Efficacious Option for Patients with Synchronous Metastatic Bone Disease and Myeloma? - e0484 Musculoskeletal Oncology ePosters, Monday, March 2 | 7:00 AM - 5:00 PM

Does Fellowship Training Influence the Complications Following Primary, Conversion, and Revision Total Hip Arthroplasty Procedures: American Board of Orthopedics (ABOS) Analysis - (ABOS) Adult Reconstruction Hip ePosters 7:00 AM - 5:00 PM, Monday, March 2 | 7:00 AM - 5:00 PM

Do Postoperative Neurological Complication Rates Vary Between Anterior Cervical Discectomy and Fusion (ACDF) for Cervical Radiculopathy or Cervical Myelopathy? - (ACDF) Spine ePosters Monday, March 2 | 7:00 AM - 5:00 PM

Manuscripts 2025 - 2026

Mastrokostas PG, Mastrokostas LE, Razi A, Inzerillo S, Bou Monsef J, Razi AE, Ng MK. Trends in Cervical Disk Arthroplasty Utilization in the Medicare Population: Projections Through 2040. *J Am Acad Orthop Surg.* 2026 Feb 15;34(4):e573-e580. doi: 10.5435/JAAOS-D-25-00461. PMID: 41649844

Ng MK, Mastrokostas PG, Tabbaa A, Razi A, Johnson M, Said M, Mastrokostas LE, Dalton J, Vaccaro AR, Kepler CK, Monsef JB, Razi AE. Semaglutide Use Is Associated With Decreased Length of Stay and Hospital Costs in Patients Undergoing Anterior Lumbar Interbody Fusion: A Retrospective Cohort Study. *Orthopedics.* 2026 Jan-Feb;49(1):e56-e61. doi: 10.3928/01477447-20251219-01. PMID: 41636429

Mastrokostas LE, Mastrokostas PG, Ber R, Monsef JB, Razi AE, Ng MK. Volume and outcomes in posterior cervical fusion: Insights from a national inpatient analysis. *J Craniovertebr Junction Spine.* 2025 Oct-Dec;16(4):465-471. doi: 10.4103/jcvjs.jcvjs_190_25. PMID: 41377834

Ng MK, Mastrokostas PG, Rodriguez AN, Razi A, Mastrokostas LE, Emara AK, Ford BT, Xu JJ, Dalton J, Narayanan R, Kepler CK, Hilibrand AS, Vaccaro AR, Monsef JB, Razi AE. Semaglutide use before single-level lumbar fusion associated with fewer readmissions and 90-day costs. *J Craniovertebr Junction Spine.* 2025 Oct-Dec;16(4):401-407. doi: 10.4103/jcvjs.jcvjs_156_25. PMID: 41377827

Mastrokostas PG, Lavi AB, Zhang BB, Mahadevan N, Berglas E, Inzerillo S, Mastrokostas LE, Bou Monsef J, Razi AE, Ng MK. The Top 100 Cited Articles on Lumbar Disc Arthroplasty: A Bibliometric Analysis. *Global Spine J.* 2025 Nov 11;:21925682251398462. doi: 10.1177/21925682251398462. PMID: 41216785

Mastrokostas PG, Said M, Yusupov D, Inzerillo S, Lavi AB, Mastrokostas LE, Ber R, Vaccaro AR, Schroeder GD, Kepler CK, Bou Monsef J, Razi AE, Ng MK. Trends in Anterior Cervical Discectomy and Fusion: Medicare Projections Through 2060. *Global Spine J.* 2025 Nov 29;:21925682251405773. doi: 10.1177/21925682251405773. PMID: 41317013

Mastrokostas PG, Mastrokostas LE, Emara AK, Salman M, Wellington IJ, Ginalis E, Dalton J, Houten JK, Khalsa AS, Saleh A, Monsef JB, Razi AE, Ng MK. A step-by-step guide for designing systematic reviews in spine surgery: a narrative review. *J Spine Surg.* 2025 Sep 30;11(3):666-677. doi: 10.21037/jss-25-48. PMID: 41089910

Mastrokostas PG, Mastrokostas LE, Emara AK, Razi A, Salman M, Houten JK, Ng KK, Saleh A, Monsef JB, Razi AE, Ng MK. Prediction of primary admission total charges following lumbar disc arthroplasty utilizing machine learning. *J Spine Surg.* 2025 Sep 30;11(3):438-449. doi: 10.21037/jss-25-46. PMID: 41089923

Mastrokostas PG, Mastrokostas LE, Emara AK, Salman M, Wellington IJ, Ford BT, Houten JK, Saleh A, Bou Monsef J, Razi AE, Ng MK. A step-by-step guide for systematic reviews and meta-analyses in spine surgery-study execution: a narrative review. *J Spine Surg.* 2025 Sep 30;11(3):688-697. doi: 10.21037/jss-25-49. PMID: 41089924

Mastrokostas PG, Cassar C, Shah M, Inzerillo S, Mastrokostas LE, Monsef JB, Razi AE, Ng MK. Trends in cervical laminoplasty: Medicare projections through 2060. *J Craniovertebr Junction Spine.* 2025 Jul-Sep;16(3):296-300. doi: 10.4103/jcvjs.jcvjs_113_25. PMID: 41000488

Mastrokostas PG, Mastrokostas LE, Lavi AB, Razi A, Emara AK, Dalton J, Kepler CK, Monsef JB, Razi AE, Ng MK. Age-based prediction of non-routine discharge after anterior cervical discectomy and fusion using machine learning. *Eur Spine J.* 2025 Aug 27. doi: 10.1007/s00586-025-09303-z. PMID: 40864313

Mastrokostas PG, Mastrokostas LE, Emara AK, Wellington IJ, Ginalis E, Houten JK, Khalsa AS, Saleh A, Monsef JB, Razi AE, Ng MK. Increasing public interest in lumbar decompression and fusion surgery in the United States: higher search volumes in the Northeast region from 2015 to 2024. *Asian Spine J.* 2025 Dec;19(6):949-956. doi: 10.31616/asj.2025.0133. PMID: 40797372

Mastrokostas PG, Mastrokostas LE, Dayan JM, Lavi AB, Berglas E, Emara AK, Bou Monsef J, Razi AE, Ng MK. Prediction of non-routine discharge following single-level cervical disc arthroplasty using machine learning. *J Orthop.* 2025 Oct;68:317-322. doi: 10.1016/j.jor.2025.08.001. PMID: 40821736

Mastrokostas PG, Mastrokostas LE, Lavi AB, Razi A, Houten JK, Saleh A, Bou Monsef J, Razi AE, Ng MK. Postoperative complications, length of stay, and discharge disposition following single-level anterior lumbar interbody fusion in elderly and octogenarian patients. *J Orthop.* 2025 Nov;69:311-316. doi: 10.1016/j.jor.2025.08.002. PMID: 40837196

Manuscripts 2025 - 2026

Mastrokostas PG, Mastrokostas LE, Emara AK, Dalton J, Houten JK, Monsef JB, Razi AE, Ng MK. Procedural, Reimbursement, and Geographic Trends in Adult Spinal Deformity Correction Surgery: A Medicare Analysis. *Eur Spine J*. 2026 Jan;35(1):195-203. doi: 10.1007/s00586-025-09169-1. PMID: 40689986

Pandya R, Monas A, Chatad D, Bou Monsef J, Razi AE, Ng MK. High Body Mass Index is a Predictor of Lumbar Stenosis: A Retrospective Magnetic Resonance Imaging Study. *J Am Acad Orthop Surg*. 2026 Feb 15;34(4):e561-e566. doi: 10.5435/JAAOS-D-25-00138. PMID: 40669042

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