

2024 Philanthropy Impact Report
Orthopedics

Thanks to the generous support of donors like you, LHAAMC continues to be a regional leader in orthopedics, enhancing the quality and equity of care delivered to all patients in our community.

By the Numbers

With one of the largest orthopedic programs in the state, LHAAMC’s clinical teams provide comprehensive care for a full range of bone and joint conditions. Our orthopedic surgeons are experts in treating musculoskeletal issues in both children and adults, whether caused by trauma, aging, or repetitive use. From diagnosis through rehabilitation, we ensure our patients feel informed, supported, and confident in their personalized treatment plans.

LHAAMC Orthopedics Surgical Specialties	Number of Patients in 2024
Foot & Ankle	680
Other	235
Spine	532
Sports Medicine	793
Total Joint Replacement	1,605
Upper Extremity	369
Total Orthopedics	4,214

Awards and Recognition

In 2024, Luminis Health earned a Star Performer designation from The American Orthopedic Association’s Own the Bone program for excellence in the bone health management of orthopedic patients.

In 2023, LHAAMC received the following recognitions from Healthgrades, a national patient safety surveyor:

- One of 78 hospitals recognized nationwide for excellence in total hip replacements
- A top hospital for excellence in total knee replacements
- Top 100 Hospitals for excellence in joint replacements

Luminis Health Center for Orthopedic Outcomes and Research

High patient volumes provide LHAAMC's Center for Orthopedic Outcomes and Research (COOR) with the unique opportunity to study outcomes and use the information to improve care for all.

For example, the Luminis Health Orthopedic Research Team recently published, "Are Rapid Recovery Pathways Transferrable Across Institutions? Outcomes of a Community Hospital through the Implementation Process" in the Journal of Arthroplasty. The study, authored by Dr. Paul King, Dr. Justin Turcotte, Kevin Crowley, Steffanie Dolle, and Jane Brennan, explores how recovery protocols, such as pain management, rehabilitation, and patient education, can be adapted for use in community hospital environments.

In addition, Dr.'s Chad Patton and Justin Turcotte led the Spine Research Team in presenting five studies at the North American Spine Society's 2024 Annual Meeting in Chicago. Their study, "Addressing the challenge of spine patient triage: Development of a simple algorithm for identification of potential surgical candidate" was selected as a "Best Paper."

Donor contributions play a vital role in supporting innovative studies and breakthrough discoveries, ultimately improving patient care.

Overcoming the Odds: Bain's Story

When world-ranked jiu-jitsu champion Bain Hughes discovered a labral tear in his hip, he knew he needed expert sports medicine care. With the help of Luminis Health Orthopedic Surgeon Dr. Benjamin Petre, Bain is back on the mat, doing what he loves most—competing at the highest level.

The Luminis Health Orthopedics team supports many athletes so they have optimal performance. In fact, in fall 2024 as part of our commitment to community health, Luminis Health Primary Care and Orthopedics Departments joined forces with Anne Arundel County public schools to provide comprehensive sports physical examinations for local student athletes. This initiative ensured that students were fully prepared and cleared for participation in the upcoming sports season.



Thank You!

On behalf of the LHAAMC Foundation, our patients, families, and communities, we extend our heartfelt thanks. Your commitment not only improves the lives of our patients but enables our teams to improve this field of medicine through research. We are privileged to have you as a partner in delivering high-quality, patient-centered health care across the region and beyond.