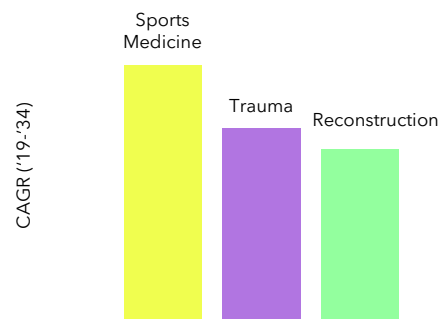


Key trends in the orthopedic foot and ankle market

Key trends

- **Minimally Invasive Surgeries** are on the rise, with both surgeons and patients preferring the MIS approach to open approach. Faster recovery times and the shift to ASCs is driving procedure volumes, especially in the Sport Medicine segment, which according to Clarivate's latest 2026 US Foot and Ankle Orthopedic Device Market report is the fastest growing segment in the market.
- While **ankle joint replacement** surgeries are rising, **joint fusion** remains the **preferred choice** for superior stability.
- **IM Nails and compression plates** are being preferred for fusion. IM nails are well-suited for minimally invasive surgeries and are premium priced implants driving market revenue in the Trauma segment.

2024 Procedure growth by segment



- Research presented at the American Orthopedic Foot and Ankle Society (AOFAS) 2025 annual meeting indicated the rise of MIS approach in the orthopedic foot and ankle segment.
- Additionally, studies on total ankle replacement—examining the impact of factors like implant choice, gap, and migration—confirm the ongoing interest in ankle joint replacement and its long-term impact on patient well-being.

2024 US market snapshot

\$2.4B

Market value

3.8%

CAGR ('19-'34)

Key innovation highlights

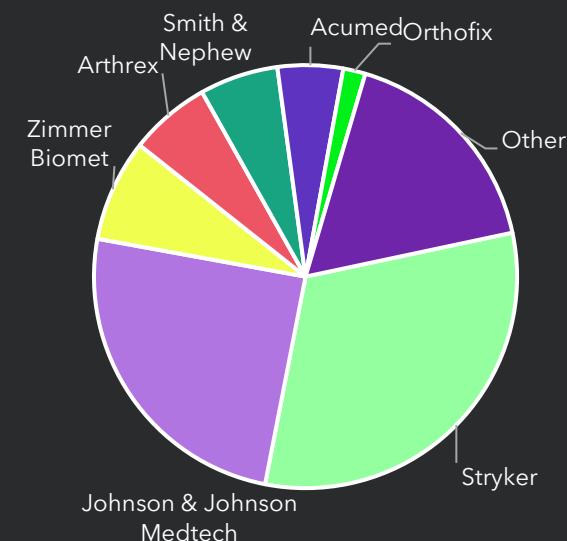
New materials

- Increasing use of Nitinol for added compression in both Nails and Plates.
- Bio-integrative materials are expected to witness greater adoption in foot and ankle. Advantages include less soft tissue irritation and no need for removal surgery.
- Growing interest in 3D-printed and custom implants. Research presented at the AOFAS 2025 indicated a lack of implant options for women. 3D-printed and custom implants will be able to fill that gap in the short-term.

Robotics in ankle surgery

- Experts have mixed reactions—some view it as the next frontier for robotics in orthopedics (following shoulder), while others consider it not yet commercially or technically viable.
- Key limitations include the confined space around the ankle joint, procedural complexity, and longer surgery duration..

2024 US foot and ankle orthopedic device competitive landscape



Paragon 28 acquisition by Zimmer Biomet

- Paragon 28 noted that Zimmer Biomet has allowed integration of selected Zimmer Biomet implants into their portfolio, with Paragon 28 retaining its sales force.
- Manufacturers will continue to use mergers and acquisitions to supplement their portfolios and remain competitive in the segment.