Bristol Publishers

Orthopedic Surgery Case Reports Journal

Artificial Intelligence (AI) is rapidly reshaping orthopedic surgery by improving diagnostic accuracy, optimizing surgical planning, enhancing intraoperative precision, and predicting postoperative outcomes. From machine learning–based fracture detection to robotic-assisted joint replacement, AI-driven technologies are becoming integral to modern orthopedic practice.

The **Orthopedic Surgery Case Reports Journal** provides a dedicated platform for publishing **case reports and case series** that highlight the clinical application of artificial intelligence in orthopedic surgery.

Scope of the Section

This section focuses on real-world clinical experiences demonstrating how AI technologies are applied in orthopedic care. Submissions should emphasize innovation, clinical relevance, and educational value.

Topics of interest include, but are not limited to:

- AI-assisted diagnosis of fractures and musculoskeletal disorders
- Machine learning applications in orthopedic decision-making
- Robotic-assisted orthopedic surgery case reports
- AI-based preoperative planning and navigation systems
- Computer-assisted joint replacement procedures
- Smart implants and sensor-based orthopedic devices
- Predictive analytics for surgical outcomes and complications
- AI applications in trauma, spine, sports medicine, and arthroplasty
- Challenges, limitations, and ethical considerations of AI in orthopedics

Article Types Accepted

- Clinical Case Reports
- Case Series
- Technical Notes with Clinical Application
- Image-Based Case Reports
- Innovative AI Workflow and Implementation Reports

Why Publish in the Orthopedic Case Reports Journal?

- International **peer-reviewed orthopedic journal**
- Strong focus on **emerging technologies and innovation**
- Rapid and transparent editorial and review process
- **Open access** for maximum global visibility
- Ideal platform for orthopedic surgeons, researchers, and AI developers
- High relevance for academic, clinical, and industry audiences

Call for Papers

The **Orthopedic Surgery Case Reports Journal** invites orthopedic surgeons, clinicians, researchers, and technology experts to submit case reports showcasing **novel and practical applications of artificial intelligence in orthopedic surgery**.

Authors are encouraged to highlight clinical impact, decision-making improvements, and lessons learned from AI integration in orthopedic practice.

Online Submission

Authors are requested to submit their manuscripts using our Online Manuscript Submission Portal: https://www.orthosurgerycasereports.org/submit.html (or) may also submit via email to: editor@orthosurgerycasereports.org.