



Advances in Surgical Management of Orthopedics—Artificial Intelligence (AI) Applications and Robotic Surgery Techniques

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Message from the Guest Editor

Dear Colleagues,

This Special Issue, "Advances in Surgical Management of Orthopedics—Artificial Intelligence (AI) Applications and Robotic Surgery Techniques", will explore the groundbreaking integration of AI and robotic technologies in orthopedic surgery. It will delve into the latest developments, research findings, and clinical applications of AI-driven algorithms and robotic-assisted surgical procedures, showcasing their potential to enhance precision, improve patient outcomes, and reduce recovery times. Contributions will cover a range of topics, including the role of AI in preoperative planning, intraoperative navigation, and postoperative care, as well as the recent advancements in minimally invasive robotic surgery techniques.





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