

Special Issue

Cutting Edge Research on Total Knee Arthroplasty

Message from the Guest Editor

This forthcoming journal issue on “Cutting Edge Research on Total Knee Arthroplasty” will spotlight the latest advances in total knee arthroplasty (TKA), a rapidly evolving field at the intersection of surgical innovation and personalized patient care. Contributions will explore state-of-the-art techniques, including robotic-assisted and computer-navigated TKA, novel implant designs, and alignment strategies tailored to individual anatomy. The issue will encompass diverse themes such as the role of robotic and computer-assisted surgery in improving precision and outcomes, the comparison of kinematic and mechanical alignment strategies, and the optimization of perioperative pain management within enhanced recovery pathways. It will further highlight advances in patient-reported outcomes and satisfaction metrics, the integration of artificial intelligence and predictive analytics in surgical planning, strategies for ensuring long-term survivorship and revision surgery, as well as global perspectives on access.

- total knee arthroplasty
- robotic-assisted surgery
- computer-navigated arthroplasty

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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