

Special Issue

Clinical Updates in Peri-Operative Optimization for Orthopaedic Surgery

Message from the Guest Editor

The practice of orthopedics is constantly evolving. In the U.S., over a million total joint arthroplasties are performed annually, with 540,000+ total hip arthroplasties and 790,000 total knee arthroplasties. In addition, over 400,000 spinal fusion surgeries are performed annually, with over 340,000 interbody fusions. While guidelines for the pre-operative optimization of such patients do exist, with respect to hemoglobin, kidney function, and HbA1c status, they are still often dependent on the institution. There are important considerations prior to surgery, including bone health (osteoporosis, osteopenia), pre-operative planning (robotics/navigation), and appropriate operative indications (e.g., unicompartmental knee arthroplasty, cemented versus cementless constructs, disc arthroplasty, laminoplasty), that remain incompletely understood. In this Special Issue, we welcome authors to submit papers regarding clinical updates in the peri-operative management of orthopedic surgery.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/202033

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Journal of Clinical Medicine (ISSN 2077-0383) is an international, peer-reviewed, open access journal dedicated to advancing clinical and preclinical research. Our Editorial Board and staff are committed to delivering cutting-edge, timely, peer-reviewed articles spanning the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and impactful research articles, as well as reviews that are clinically significant and relevant to the full spectrum of medical disciplines. All full texts are archived in PubMed Central and indexed in SCIE (Web of Science), Scopus, PubMed, and other major databases. We invite you to submit your manuscript for publication, as well as join our community as a reviewer or reader online.

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