Special Issue

Clinical Advances in Lower Limb Trauma and Orthopedic Surgery: From Bench to Bedside

Message from the Guest Editors

Recent years have seen remarkable progress in our understanding and management of lower limb trauma. from biomechanical fixation studies and implant innovations to advanced surgical techniques and perioperative care. However, the clinical translation of these advances remains challenging due to the diversity of fracture patterns, patient profiles, and soft-tissue conditions. This Special Issue, "Clinical Advances in Lower Limb Trauma and Orthopedic Surgery: From Bench to Bedside", will bridge the gap between experimental research and real-world clinical practice. We welcome original research articles, technical notes. and comprehensive reviews focusing on innovative fixation methods, arthroplasty in trauma, minimally invasive approaches, postoperative outcomes, and rehabilitation strategies. Submissions highlighting translational or multidisciplinary perspectives—from biomechanics and biomaterials to clinical outcomesare especially encouraged. We hope this Special Issue will provide an integrated platform for sharing new insights and collaboration between basic scientists and orthopedic surgeons working toward improving patient outcomes in lower limb trauma care.

Guest Editors

Dr. Se Won Lee

Department of Orthopedics, College of Medicine, Yeouido St. Mary's Hospital, Catholic University School of Medicine, Seoul, Republic of Korea

Prof. Dr. Jihyo Hwang

Department of Orthopedic Surgery, Gangnam Sacred Heart Hospital, Hallym University School of Medicine, Seoul, Republic of Korea

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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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Prof. Dr. Emmanuel Andrès

Internal Medicine Department, University Hospital Strasbourg, 67000 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and Critical Care Medicine, University of Tokyo, Tokyo, Japan

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