Special Issue

New Advances in Orthopedic Knee Joint Preserving and Reconstructive Surgery

Message from the Guest Editors

In the field of orthopedics, surgical techniques and tools are advancing at a remarkable pace. Through various innovative approaches and technologies, we continuously strive to achieve the best possible clinical outcomes for our patients. In particular, minimally invasive arthroscopic surgery, patient-specific instrumentation (PSI), and robotic-assisted surgery have already been widely adopted in clinical practice. Additionally, experimental methods—such as utilizing magnetic fields to guide chondrocytes to cartilage lesions—are actively being developed. Through this Special Issue, we hope to provide a comprehensive overview of current advancements in knee surgery and to examine the developmental stages of various emerging technologies that may shape the future of this field.

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