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Clinical Advances in Hip and Knee Surgery

Guest Editor:

Dr. Hyonmin Choe

Department of Orthopaedic Surgery, Yokohama City University, 3-9 Fukuura, Kanazawa-Ku, Yokohama 236-0004, Japan

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Message from the Guest Editor

Recent advancements in surgical technologies are remarkable, and hip and knee surgeries are no exception. In joint arthroplasty, the clinical usefulness of computerassisted surgery, represented by robotic surgery, is leading to reliable outcomes. Molecular biological techniques represented by genetic diagnosis are beginning to be applied in the diagnosis of orthopedic biofilm infections as well as COVID-19 infection. Development of motion analysis technology is expected to contribute to the accurate extraction of patient-specific posture and lead to the establishment of screening for musculoskeletal diseases and tailor-made rehabilitation medicine. The development of regenerative medicine is associated with advanced clinical outcomes in hip and knee surgery. Largescale research data lead to the development of a preventive protocol on venous thrombosis and surgical site infection, which are serious complications in hip and knee surgery. Despite the onslaught of COVID-19, technologies in hip and knee surgeries are making steady progress.

Thus, we are calling for a wide range of papers focusing on such advances in hip and knee surgeries.



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