

Special Issue

Advances in Knee Surgery and Musculoskeletal Rehabilitation: 2nd Edition

Message from the Guest Editors

Knee osteoarthritis is a dominant source of disability. This condition is a leading contributor to the rapid increase in Total Knee Arthroplasty (TKA). Given the increased life expectancy and the limited resources devoted to public health, the demand for effective and sustainable surgical care and rehabilitation services seems mandatory in order to cope with the needs of the aging population. Nowadays, new surgical tools (such as Computer-Assisted Surgical Navigation, Smart Cutting Guides and Robotic-Assisted Surgery) and techniques (improved Fast-Track protocols) have dramatically reduced the hospital length of stay after TKA. New technologies are promising in the treatment of the most dangerous complications after TKA (loosening and periprosthetic infection). Recently, innovative technologies have brought affordability and convenience to healthcare consumers, such as eHealth, telemedicine, wearables, virtual reality (VR) and online educational tools. A growing body of literature supports the use of telerehabilitation in improving patient satisfaction and health outcomes for a diverse range of clinical conditions.

Guest Editors

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