



New Trends in Arthroplasty

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Message from the Guest Editor

In recent decades, the volume of primary total hip and knee arthroplasty procedures has risen at almost exponential rates. Due to the great, potentially long-lasting success probabilities of these procedures, the proven technology was successfully transferred to other major joints, especially the shoulder and the ankle. Consequently, total joint arthroplasty (TJA) is currently one of the most commonly performed elective surgical procedures worldwide. Close collaborations between surgeons and the industry have resulted in many new ideas and solutions for increased performance, durability, and sustainability of the implants. New surgical approaches, pain management, and rehabilitation techniques have been developed to perform these complex surgeries on an outpatient basis. However, the safety of patients in this ever-changing process of TJA should never be neglected. With this perspective in focus, the aim of this Special Issue on osteology is to predict the future of arthroplasty.

- arthroplasty
- joints
- hip
- knee
- shoulder
- ankle
- total hip arthroplasty
- total knee arthroplasty
- patient safety
- robotic surgery
- navigation



