



## Shoulder Arthroplasty: State of the Art and Future Perspectives

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### Message from the Guest Editors

Medical practice and the field of shoulder arthroplasty in particular are moving toward precision medicine. Novel implant designs, configurations, and combinations are constantly emerging in an increasingly aging population. However, direct comparison of implants and clinical outcomes is often challenging. Consequently, the field of shoulder joint replacement urgently requires additional studies on safety, patient satisfaction, cost-effectiveness, and optimal ways to maximize functional recovery and to minimize complications and revision rates. Among the pertinent practical open questions in reverse shoulder arthroplasty (RSA) are the benefits of lateralization and subscapularis refixation, optimal humeral inclination, and the usefulness of preoperative planning software. For anatomic arthroplasty, data are scarce on factors that can contribute to prevention and early detection of glenoid component loosening. The aim of this Special Issue, therefore, is to provide a stage for outstanding clinical, technical, and epidemiological contributions describing recent advances that can lead to improvements of diagnosis, treatment, and prognosis in shoulder arthroplasty.





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