



Reverse Total Shoulder Arthroplasty for Proximal Humeral Fracture Sequelae: Outcome, Challenges and Designs

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Message from the Guest Editors

Dear Colleagues,

The surgical management of complex proximal humeral fractures can be challenging. While hemiarthroplasty is still considered for young patients with head-split fractures or if open reduction and internal fixation is not feasible, treatment with reverse total shoulder arthroplasty (RTSA) has gained popularity over the recent years, and its indication has been extended to young patients. The importance of proper tuberosity fixation was previously underestimated, but recent studies have highlighted the influence of successful tuberosity repair on satisfying outcomes. Several tuberosity fixation techniques have been described, with new techniques outperforming the traditional ones. This Special Issue aims to discuss indications for RTSA in the case of a fracture of the proximal humerus, describe different stem designs and tuberosity fixation techniques, and review the literature on mid- to long-term results of RTSA for proximal humeral fractures.

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