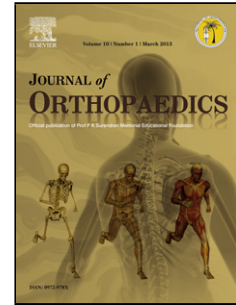


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Evaluation of the Multi-Attribute Prioritisation Tool for Total Joint Replacement

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Abstract

Rationale, aims and objectives: The demand for arthroplasty is increasing and will continue to rise with an ageing population. Obesity and lengthy waiting time for Total Joint Replacement (TJR) have been associated with poorer outcomes postoperatively. This study aimed to evaluate the Multi-Attribute Prioritisation Tool (MAPT) for TJR patients. The primary objective was to explore if patients prioritised by the MAPT had an improvement in score post-operative. Further to identify any relationship between MAPT score and length of time on the waiting list or obesity.

Method: This retrospective cohort study included 308 patients undergoing total hip (n = 114) or total knee (n = 194) arthroplasty. We examined preoperative and postoperative MAPT scores of patients who had total hip or total knee arthroplasty. After assessing the difference between postoperative and preoperative MAPT scores, patients scores were compared to BMI and

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