

<b>One-Year Follow-up is Sufficient for Patient-Reported Outcomes following Arthroscopic Rotator Cuff Repair</b>
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Michaela Corvi, Eoghan T Hurley<sup>1</sup>, Tom Raymond Doyle, Samuel G Lorentz, John Joseph Corvi<sup>2</sup>, Jonathan F Dickens, Oke A Anakwenze<sup>3</sup>, Christopher Klifto

<sup>1</sup>Duke, <sup>2</sup>Mount Sinai Hospital, <sup>3</sup>Duke Orthopedics Arrington

**INTRODUCTION:** The purpose of this study was to perform a systematic review to determine whether there were clinically significant differences in patient reported outcomes (PROMs) from 1- to 2-year follow-up following arthroscopic rotator cuff repair (ARCR).

**METHODS:** A literature search of three databases was performed based on the Preferred Reporting Items for Systematic Reviews and Meta-Analyses guidelines. Randomized controlled trials (RCTs) reporting on PROMS at 1- and 2-years follow-up following ARCR were included. Meta-Analysis was performed and a p-value < 0.05 was considered to be statistically significant.

**RESULTS:**

Nineteen RCTs with 2,110 patients were included. There was a statistically significant difference in ASES score between 1-year (mean 87) and 2-year (mean 89.4) follow-up ( $p < 0.00001$ ), but this did not reach the minimal clinically important difference (MCID). There was no statistically significant difference in VAS pain score between 1- (mean 0.9) and 2-year (mean 0.8) follow-up ( $p = 0.10$ ). Additionally, the differences in SST, UCLA, Constant, WORC index, and SF-12 physical scores between 1- and 2- year follow-up did not reach the MCID despite statistically significant differences.

**DISCUSSION AND CONCLUSION:**

Small statistically significant difference in patient-reported outcomes are reported between 1 and 2 year follow up points, although these differences are of limited clinical relevance. Hence while longer term follow is critically important, 1 year clinical follow-up after ARCR may be sufficient follow-up for PROMs.