

Neurological Success

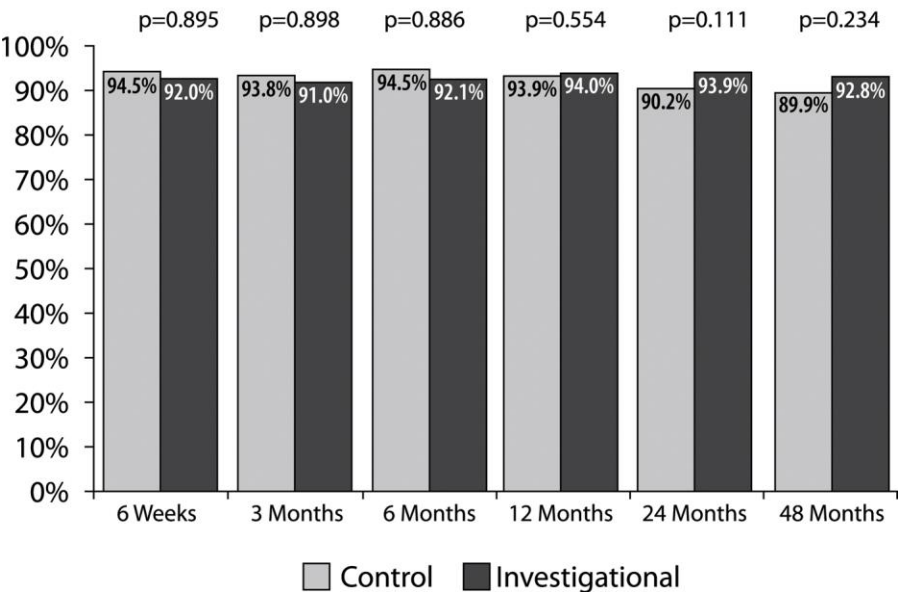


Fig. E-1
Neurological success.

Arm Pain Score

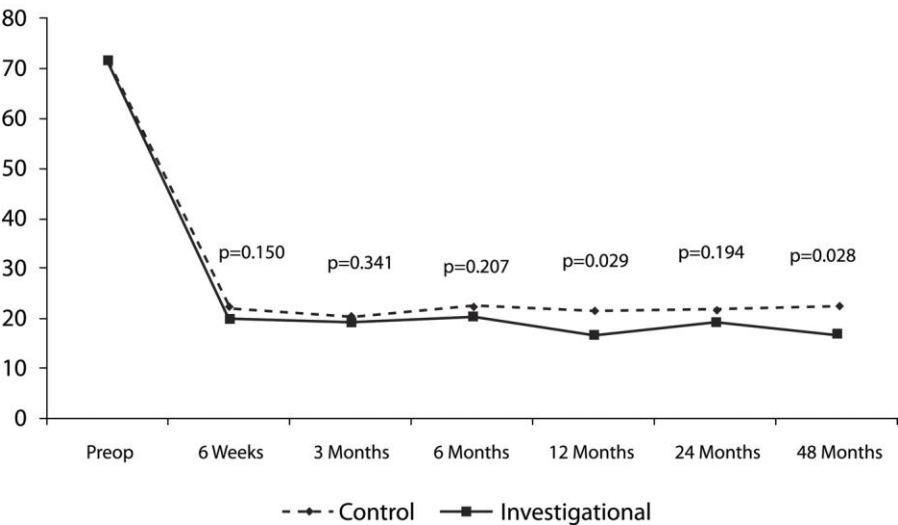


Fig. E-2
Arm pain score on the visual analog scale improved by six weeks in both groups and was stable over time. Significant differences in improvement between groups were seen at twelve and forty-eight months.

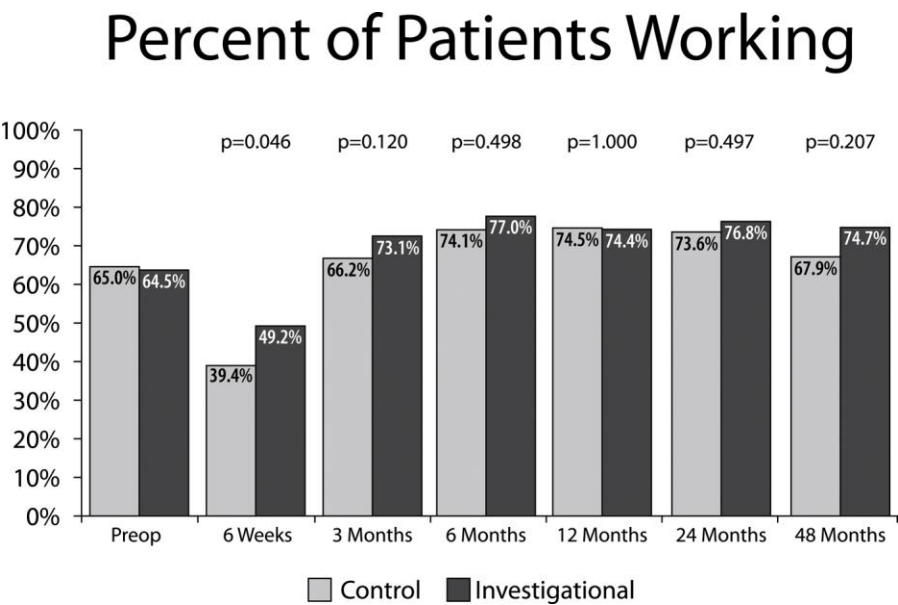


Fig. E-3
Percent of patients working: A higher percentage of patients were working at forty-eight months postoperatively in both groups compared with preoperatively. There was no significant difference between the groups at four years postoperatively.

TABLE E-1 Demographic Summary

Characteristic	Arthroplasty (N = 242)	Fusion (N = 221)	P Value *
Mean age (range) (yr)	44.4 (25-78)	44.7 (27-68)	0.723
Mean weight (range) (kg)	78.6 (50-142)	81.6 (45-129)	0.061
Male patients (%)	45.5	51.1	0.228
Workers' Compensation (%)	6.2	5.0	0.687
Litigation (%)	2.5	2.7	1.000
Tobacco use (%)	25.5	24.0	0.746

*For continuous variables, p values were derived from analysis of variance; for categorical variables, they were derived by the Fisher exact test.