

TABLE E-1 Changes in Average Scores for Function and Comfort for Different Diagnoses*

Diagnosis	No. of Shoulders	Preop SST	Postop SST	Difference	Significance (p value)	Preop. Comfort	Postop. Comfort	Significance (p value)
Posttraumatic Arthritis	7	1.7	6.8	5.1	0.041	26.7	51.9	0.26
Osteonecrosis	11	3.9	9.1	5.2	0.00004	27.8	61.1	0.0004
Cuff Tear Arthropathy	23	3.1	4.6	1.5	0.09	33	54.4	0.027
Degenerative Joint Disease	8	3.3	5.4	2.1	0.02	26.3	37.4	0.005
Secondary Degenerative Joint Disease	12	3.9	6.2	2.3	0.03	30.5	63.2	0.007
Capsulorrhaphy Arthropathy	3	3.7	4.7	1	0.09	25.9	38.9	0.55
Rheumatoid Arthritis	7	3	5	2	0.23	42.2	53.3	0.26

*SST = Simple Shoulder Test

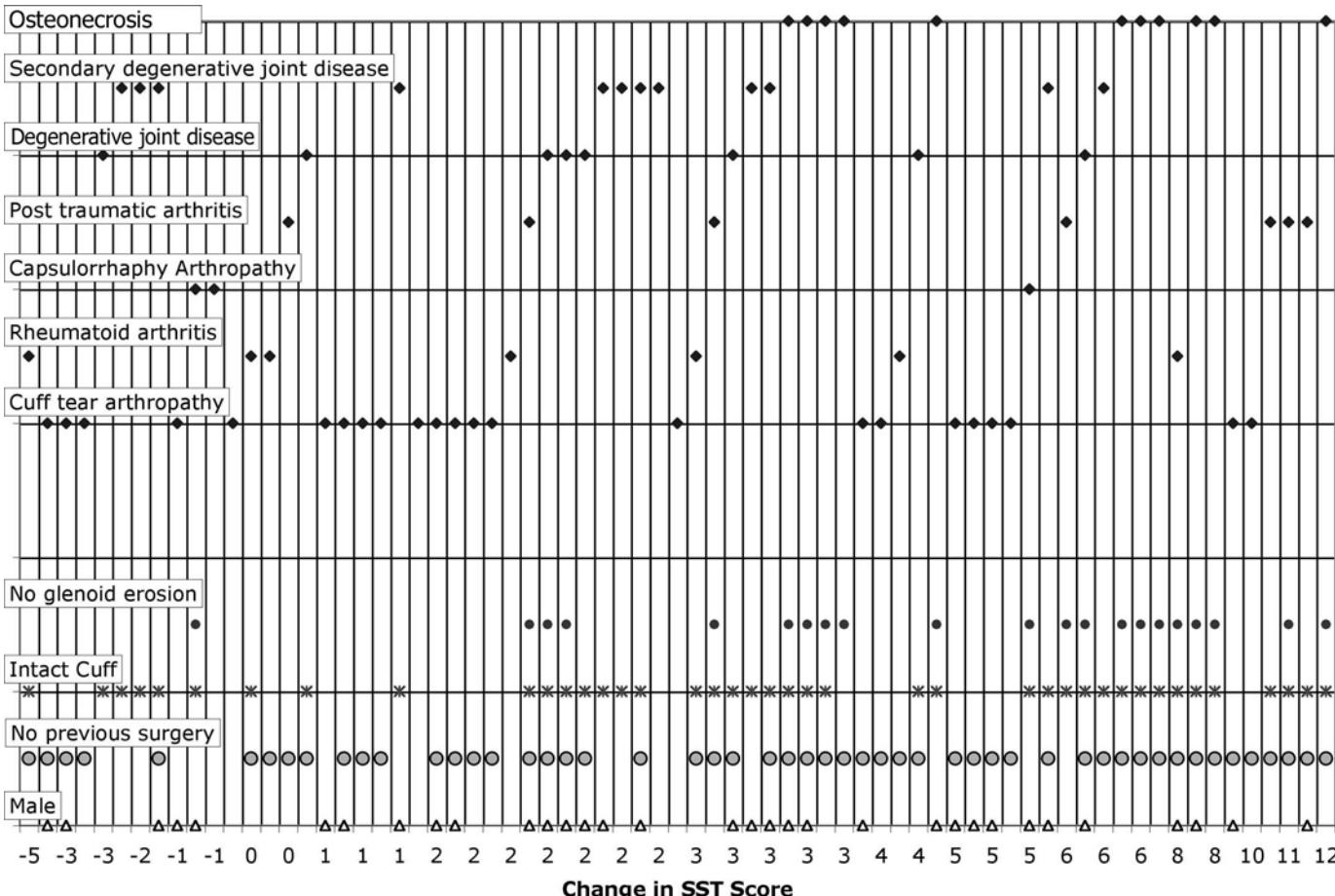


Fig. E-1

The chart shows the change in the Simple Shoulder Test (SST) score for each patient in the study after hemiarthroplasty (abscissa) as well as the diagnosis (upper seven rows) and the absence of glenoid erosion, the absence of a cuff tear, and the absence of previous surgery as well as gender (lower four rows).