

TABLE E-1 Factors Affecting Outcome

	No.	Pain Score*	P Value†	Active Elevation* (deg)	P Value†	Modified Neer Score‡			P Value†
						Excel.	Sat.	Unsat.	
Age			0.37		0.43				0.63
≤65 years	34	4.3 ± 3.1		100 ± 45		6	12	16	
>65 years	33	4.1 ± 2.9		102 ± 44		5	10	18	
Sex			0.47		0.46				0.59
Male	18	4.4 ± 3.3		102 ± 53		4	6	8	
Female	49	4.3 ± 2.9		101 ± 41		7	16	26	
Fracture type (Neer)			0.44		0.37				0.47
2-part	36	4.3 ± 2.8		99 ± 42		6	10	20	
3-part or 4-part	31	4.2 ± 3.1		103 ± 48		5	12	14	
Initial treatment of fracture			0.46		0.37				0.62
Operative	38	4.2 ± 2.8		103 ± 46		8	12	18	
Nonoperative	29	4.2 ± 3.1		99 ± 43		3	10	16	
Timing of arthroplasty			0.48		0.23				1.00
≤6 months after fracture	20	4.2 ± 3.3		108 ± 51		5	5	10	
>6 months after fracture	47	4.2 ± 2.8		98 ± 41		6	17	24	
Cemented vs. uncemented			0.96		0.87				0.56
Cemented	53	4.2 ± 3.1		103 ± 45		10	15	28	
Uncemented	14	4.2 ± 2.3		96 ± 40		1	7	6	
Type of arthroplasty			0.42		0.32				0.18
Hemiarthroplasty	54	4.3 ± 2.9		104 ± 40		7	20	27	
Total shoulder	13	4.1 ± 3.2		95 ± 55		4	2	7	
Rotator cuff			0.29		0.04				0.24
Intact	52	4.1 ± 3.0		107 ± 47		10	18	24	
Tear	15	4.6 ± 2.8		83 ± 30		1	4	10	
Tuberosity healing			0.29		0.02				0.77
Healed, <10 mm displaced	32	4.2 ± 2.9		115 ± 38		5	11	16	
Nonunion	18	3.7 ± 3.2		84 ± 42		1	7	10	
Period when op. performed			0.50		0.21				0.39
1976-1999	51	4.1 ± 3.0		106 ± 41		8	19	24	
2000-2007	16	4.2 ± 2.6		95 ± 51		3	3	10	

\*The values are given as the mean and standard deviation. †Power analysis was not performed so failure to find significance may have been the result of a type-II error. ‡The values are given as the number of patients.