

TABLE E-1 Descriptive Statistics

	Average	Standard Deviation	Range
Age (<i>yr</i>)	70.8	10.3	52 to 85
Humeral parameters			
Length (<i>mm</i>)	293.2	16.1	263 to 322
Retroversion (<i>deg</i>)	20.7	7.5	0.2 to 33.5
Inclination (<i>deg</i>)	41.7	4.5	34.9 to 52.8
Medial offset (<i>mm</i>)	5.0	1.6	1.1 to 7.9
Posterior offset (<i>mm</i>)	4.3	1.7	1.5 to 7.9
Head thickness (<i>mm</i>)	16.5	1.4	13.8 to 19.7
Radius of curvature (<i>mm</i>)	23.6	1.9	20.8 to 28.6

TABLE E-2 Mean Rotation Along Length of Bicipital Groove

5-mm Interval Along Groove Length	Mean Groove Rotation (Standard Deviation) (<i>deg</i>)
0	62.1 (8.9)
5	58.4 (8.7)
10	58.6 (8.6)
15	59.8 (8.4)
20	61.4 (8.7)
25	64 (8.9)
30	66.7 (8.9)
35	68.9 (8.8)
40	72.5 (9.7)
45	75.7 (7.9)

TABLE E-3 Groove Rotation According to Groove Segment

Groove Segment	Groove Rotation (<i>deg</i>)		
	Average	Standard Deviation	Range
Average for groove	64.7	8.4	42.3 to 80.2
First half	60.1	8.5	39.6 to 76.2
Second half	69.4	8.8	45.8 to 84.2
Proximal 15 mm	59.7	8.5	39.8 to 75.8
Intermediate 15 mm	63.0	8.6	41.5 to 78.0
Distal 15 mm	71.3	8.0	53.8 to 85.5