

**Table ST22 Cumulative Percent Revision of Primary Total Stemmed Shoulder Replacement by Primary Diagnosis**

Primary Diagnosis	N Revised	N Total	Primary Percent	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs	14 Yrs
Osteoarthritis	646	8269	94.4%	2.8 (2.4, 3.1)	5.7 (5.2, 6.2)	7.0 (6.4, 7.6)	8.4 (7.7, 9.1)	11.2 (10.3, 12.3)	15.3 (13.7, 17.1)
Osteonecrosis	14	157	1.8%	4.0 (1.8, 8.6)	7.7 (4.3, 13.5)	11.0 (6.5, 18.1)			
Rheumatoid Arthritis	9	118	1.3%	0.9 (0.1, 6.1)	2.8 (0.9, 8.4)	4.0 (1.5, 10.3)	5.6 (2.3, 13.3)		
Fracture	11	73	0.8%	7.1 (3.0, 16.1)	15.8 (9.1, 26.7)	15.8 (9.1, 26.7)	15.8 (9.1, 26.7)	15.8 (9.1, 26.7)	
Rotator Cuff Arthropathy	9	56	0.6%	7.1 (2.7, 17.9)	13.5 (6.6, 26.3)	16.0 (8.3, 29.7)	16.0 (8.3, 29.7)		
Other Inflammatory Arthritis	5	48	0.5%	6.6 (2.2, 19.0)	6.6 (2.2, 19.0)	9.2 (3.5, 22.7)	9.2 (3.5, 22.7)	16.2 (6.0, 39.3)	
Other (3)	4	36	0.4%	5.8 (1.5, 21.4)	9.9 (3.2, 28.2)	15.9 (5.9, 38.9)	15.9 (5.9, 38.9)		
<b>TOTAL</b>	<b>698</b>	<b>8757</b>	<b>100.0%</b>						

Note: Only primary diagnoses with >30 procedures have been listed  
 Restricted to modern prostheses