

TABLE E-1 Size of Lesion Graded According to Quantification of Extent with System of Steinberg et al.⁸

Grade	Head Involvement on Radiograph or MRI
A, mild	<15%
B, moderate	15% to 30%
C, severe	>30%

TABLE E-2 Number of Osteonecrotic Lesions According to Genotype

Genotype	Shoulders (N = 104)	Patients (N = 82)
S/S	28 (27%)	19 (23%)
S/C	44 (42%)	37 (45%)
S/T	32 (31%)	26 (32%)

TABLE E-3 Progression of Disease and Surgery at Most Recent Follow-up Evaluation According to Stage at Time of Diagnosis of Osteonecrosis

	No. (%) of Shoulders		
	Stage I (N = 38)	Stage II (N = 42)	Stage III or IV (N = 24)
Collapse	28 (74%)	37 (88%)	24 (100%)
Surgery (with and without arthroplasty)	20 (53%)	26 (62%)	17 (71%)
Shoulder arthroplasty	3 (8%)	5 (12%)	7 (29%)