

TABLE E-1 Prevalence of Abnormal Ultrasonographic Findings in 140 Hemophiliac Shoulders

	Nonhemarthrotic Shoulders (N = 84)	Hemarthrotic Shoulders (N = 56)	P Value
Abnormal findings	16 (19.0%)	46 (82.1%)	<0.0001
Chondromalacia	15 (17.9%)	43 (76.8%)	<0.0001
Bicipital synovitis	4 (4.8%)	33 (58.9%)	<0.0001
Osseous irregularity	1 (1.2%)	34 (60.7%)	<0.0001
Rotator cuff tear	3 (3.6%)	30 (53.6%)	<0.0001
Partial-thickness	3 (3.6%)	20 (35.7%)	<0.0001
Full-thickness	0 (0%)	10 (17.9%)	<0.0001
Joint synovitis	0 (0%)	14 (25.0%)	<0.0001

TABLE E-2 Radiographic Stages, Clinical Evaluations, and Ultrasonographic Findings for Fifty-six Hemarthrotic Shoulders

Group (Pettersson Score)	Number of Shoulders	Number of Hemarthroses in Last Year*	Range of Motion† (deg)				VAS*	Chondromalacia‡	Bicipital Synovitis (no. of shoulders)	Joint Synovitis (no. of shoulders)	Rotator Cuff Tear (no. of shoulders)	Hyperemia‡ (grade)
			Flexion	Abduction	Internal Rotation	External Rotation						
I (0)	34 (61%)	1.29 ± 2.58 (0 to 14)	169.6	166.3	82.8	87.1	0.52 ± 1.69 (0 to 8.7)	II° (0 to IV)	13 (38.2%)	2 (5.9%)	12 (35.3%)	0 (0 to 2)
II (1 to 4)	8 (14%)	2.75 ± 2.19 (1 to 7)	152.5	141.3	56.3	72.3	2.88 ± 3.42 (0 to 7.7)	IV° (II to IV)	7 (87.5%)	4 (50%)	6 (75%)	0.5 (0 to 2)
III (5 to 8)	8 (14%)	3.88 ± 4.91 (0 to 12)	136.3	113.8	42.5	60	2.28 ± 2.99 (0 to 7.5)	IV° (IV to IV)	8 (100%)	4 (50%)	8 (100%)	0.5 (0 to 2)
IV (9 to 13)	6 (11%)	3.33 ± 1.75 (1 to 6)	108.6	93.6	43.6	42.2	3.22 ± 4.13 (0 to 8.7)	IV° (IV to IV)	5 (83.3%)	4 (66.7%)	4 (66.7%)	1 (0 to 3)

\*The values are given as the mean and the standard deviation, with the range in parentheses. †The values are given as the mean. ‡The values are given as the median, with the range in parentheses.