



Fig. E-1

A manubrium held against a light.

TABLE E-1 ICCs for Intraobserver and Interobserver Reliability

	Intraobserver Reliability		Interobserver Reliability	
	ICC	95% Confidence Interval	ICC	95% Confidence Interval
Frontal plane	0.93	0.884-0.984	0.9	0.820-0.969
Axial plane	0.93	0.904-0.964	0.91	0.845-0.976
AP distance	0.91	0.842-0.983	0.92	0.790-0.974
SI distance	0.89	0.798-0.989	0.92	0.765-0.974
AFr distance	0.93	0.892-0.975	0.87	0.805-0.944
SAX distance	0.89	0.826-0.961	0.99	0.960-0.995

TABLE E-2 Mean Distance and Standard Deviation for the Different Groups and Parameters

	AP Distance (mm)	SI Distance (mm)	AFr Distance (mm)	SAX Distance (mm)
Normal (n = 100)	23.6 ± 3	23.1 ± 3.3	0.8 ± 2.6	17.6 ± 3.9
Left (n = 50)	23.5 ± 2.8	23.4 ± 3.3	0.8 ± 2.8	18 ± 3.9
Right (n = 50)	23.8 ± 3.3	22.8 ± 3.3	0.9 ± 2.3	17.1 ± 4
Female (n = 50)	22.4 ± 2.2	22.7 ± 3.2	0.8 ± 2	17.5 ± 4.2
Male (n = 50)	24.9 ± 3.2	23.5 ± 3.4	0.8 ± 3.1	17.6 ± 3.8
Symptomatic arthritis (n = 25)	27.8 ± 3.7	26.0 ± 2.8	-7.4 ± 2.8	19.4 ± 3.1
Female (n = 20)	26.7 ± 2.8	25.8 ± 3.1	-7.6 ± 3	19.1 ± 3.2
Male (n = 5)	32.1 ± 4.3	27.4 ± 1.3	-6.6 ± 2.3	20.9 ± 2.6
Asymptomatic, contralateral (n = 25)	25.0 ± 2.5	23.5 ± 2.0	-1.2 ± 2.1	18.1 ± 4.2
Female (n = 20)	23.8 ± 2.1	23.4 ± 3	-1.3 ± 2.4	17.8 ± 4.0
Male (n = 5)	29.1 ± 2.9	25.8 ± 1	-1.3 ± 3.6	19.2 ± 5.2