Fig. E-1

Illustration showing marker placement for gait analysis, with lateral body view (left), anteroposterior body view (middle), and dorsal transverse view of the foot (right).

TABLE E-1 Preoperative Patient Demographic Characteristics

Demographic Characteristics	Arthrodesis Group (N = 17)	Arthroplasty Group (N = 17)	Control Group (N = 10)
Sex*			
Female	5	9	5
Male	12	8	5
Involved ankle*			
Right	6	10	5
Left	11	7	5
Age *(yr)*			
Mean (and standard deviation)	48.9 ± 12.2	61.3 ± 10.6	51.0 ± 21.3
95% CI†	42.6 to 55.1	55.8 to 66.7	35.8 to 66.2
Range	20.1 to 71.3	39.4 to 77.9	24.0 to 77.0
BMI‡ *(kg/m²)*			
Mean (and standard deviation)	30.0 ± 5.5	29.1 ± 6.4	27.3 ± 3.9
95% CI†	27.2 to 32.8	25.8 to 32.4	24.5 to 30.1
Range	21.0 to 39.5	17.8 to 43.2	22.6 to 41.0

*The values are given as the number of patients in each group. †95% CI = 95% confidence interval. ‡BMI = body mass index.

TABLE E-2 Preoperative Patient Data

Preoperative Patient Baseline Scores	Arthrodesis Group (N = 17)	Arthroplasty Group (N = 17)	P Value
AOS pain *(points)*			0.104
Mean (and standard deviation)	56.6 ± 17.9	48.6 ± 12.9	
95% CI*	47.3 to 65.8	41.7 to 55.4	
AOS disability *(points)*			0.500
Mean (and standard deviation)	62.3 ± 16.1	60.4 ± 13.3	
95% CI*	54.0 to 70.6	53.3 to 67.5	
SF-36 PCS *(points)*			0.966
Mean (and standard deviation)	32.7 ± 9.8	32.6 ± 9.6	
95% CI*	27.7 to 37.8	27.5 to 37.7	
SF-36 MCS *(points)*			0.296
Mean (and standard deviation)	48.5 ± 17.1	53.8 ± 10.3	
95% CI*	39.7 to 57.3	48.3 to 59.3	

*95% CI = 95% confidence interval.