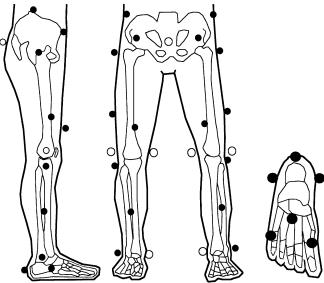
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 $_{\rm Fig.~E-1}$  Illustration showing marker placement for gait analysis, with lateral body view (left), anteroposterior body view (middle), and dorsal transverse view of the foot (right).

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ANKLE ARTHROPLASTY AND ANKLE ARTHRODESIS: GAIT ANALYSIS COMPARED WITH NORMAL CONTROLS

ANKLE ARTHROPLASTY AND ANKLE ARTHRODESIS: GAIT ANALYSIS COMPARED WITH NORMAL CONTRO http://dx.doi.org/10.2106/JBJS.L.00465

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\*95% CI = 95% confidence interval.

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)	$48.9 \pm 12.2$	$61.3 \pm 10.6$	$51.0 \pm 21.3$
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 $\dagger$ ( $kg/m^2$ )			
Mean (and standard deviation)	$30.0 \pm 5.5$	$29.1 \pm 6.4$	$27.3 \pm 3.9$
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)  $56.6 \pm 17.9$  $48.6 \pm 12.9$ 95% CI\* 47.3 to 65.8 41.7 to 55.4 0.500 AOS disability (points) Mean (and standard deviation)  $62.3 \pm 16.1$  $60.4 \pm 13.3$ 95% CI\* 54.0 to 70.6 53.3 to 67.5 SF-36 PCS (points) 0.966 Mean (and standard deviation)  $32.7 \pm 9.8$  $32.6 \pm 9.6$ 95% CI\* 27.7 to 37.8 27.5 to 37.7 SF-36 MCS (points) 0.296  $53.8 \pm 10.3$ Mean (and standard deviation)  $48.5 \pm 17.1$ 95% CI\* 39.7 to 57.3 48.3 to 59.3