



Fig. E-1

Sagittal CT scan of a neutrally aligned foot.

TABLE E-1 Demographics by Foot Type for Eighty-eight Study Participants

	Osteoarthritis (N = 13)	Pes Cavus (N = 19)	Neutrally Aligned (N = 20)	Asymptomatic Pes Planus (N = 17)	Symptomatic Pes Planus (N = 19)	P Value*
Age†	65.2 ± 9.0	43.7 ± 11.0	50.4 ± 6.7	51.2 ± 7.6	54.0 ± 12.4	<0.0001‡§
Male	8 (62%)	13 (68%)	9 (45%)	10 (59%)	10 (53%)	0.6
Height† (<i>in [cm]</i>)	68.5 ± 3.6 (174 ± 9.1)	68.4 ± 3.8 (173.7 ± 9.7)	67.4 ± 3.6 (171.2 ± 9.1)	67.6 ± 4.3 (171.7 ± 10.9)	67.6 ± 4.4 (171.7 ± 11.2)	0.9
Weight† (<i>lb [kg]</i>)	187 ± 28 (84.2 ± 12.6)	188 ± 53 (84.6 ± 23.9)	159 ± 26 (71.6 ± 11.7)	195 ± 38 (87.8 ± 17.1)	193 ± 54 (86.9 ± 24.3)	0.065
Body mass index† (<i>kg/m²</i>)	28.2 ± 4.4	28.7 ± 5.2	24.5 ± 2.8	30.3 ± 6.7	29.3 ± 6.4	0.013#

*From linear regression or logistic regression (sex) of differences by foot type for demographic measure. †The values are given as the mean and the standard deviation. ‡Significant pairwise difference between osteoarthritis and all other foot types ($p < 0.05$).

§Significant pairwise difference between pes cavus and symptomatic pes planus ($p < 0.05$). #Significant pairwise difference between asymptomatic pes planus and neutrally aligned feet ($p < 0.05$).