

TABLE E-1 Patient Demographics

Parameter	Value
Subjects (<i>no. [male/female]</i>)	284 (186/98)
Feet (<i>no. [male/female]</i>)	568 (372/196)
Laterality (<i>no. right/left</i>)	284/284
Radiographs (<i>no.</i>)	3284
Age at first visit* (<i>yr</i>)	5.8 ± 3.3 (1.1-13.6)
Duration of follow-up* (<i>yr</i>)	2.0 ± 1.5 (1.0-8.1)
Interval between follow-up evaluations* (<i>yr</i>)	1.18 ± 0.55 (1.0-6.0)
Follow-up visits* (<i>no.</i>)	2.9 ± 1.4 (2-10)

*Data are presented as the mean and the standard deviation, with the range in parentheses.

TABLE E-2 Intraobserver and Interobserver Reliabilities of the Radiographic Measurements*

Angle Measured	Intraobserver Reliability		Interobserver Reliability	
	ICC	95% CI	ICC	95% CI
Talonavicular coverage	0.946	0.898-0.972	0.884	0.810-0.935
Anteroposterior talus-first metatarsal	0.970	0.943-0.985	0.922	0.869-0.956
Calcaneal pitch	0.969	0.940-0.984	0.940	0.896-0.967
Lateral talus-first metatarsal	0.891	0.679-0.954	0.810	0.602-0.907

*ICC = intraclass correlation coefficient, and CI = confidence interval.

TABLE E-3 A Comparison of the Mean Values of Radiographic Indices for Normal and Planovalgus Feet as Found in Previous Studies and the Current Study*

	Diagnosis (no.)	Age (yr)	Anteroposterior Radiographs		Lateral Radiographs	
			Talonavicular Coverage Angle (deg)	Anteroposterior Talus-First Metatarsal Angle (deg)	Calcaneal Pitch Angle (deg)	Lateral Talus-First Metatarsal Angle (deg)
Ponseti et al. ²²	Normal (32 feet)	13-30		-3.4		
Vanderwilde et al. ⁶	Normal (148 feet)	6-127 mo		6.0 ± 7.0		8.0 ± 6.0
Davids et al. ⁷	Normal (60 feet)	5-17	20.0 ± 9.8	10.0 ± 7.0	17.0 ± 6.0	13.0 ± 7.5
Kanatli et al. ²³	Flexible flatfoot (38 feet)	3.7-11.7			43.5 ± 6.5	28.9 ± 6.22
Lee et al. ¹⁴	Hindfoot valgus (36 feet)	12-31	34.6 ± 13.7	27.0 ± 11.1	9.3 ± 4.9	20.5 ± 11.0
Moraleda and Mubarak ²⁴	Asymptomatic flexible flatfoot (45 patients)	11.4 ± 3	25.0 ± 8.0	14.0 ± 7.0	17.0 ± 6.0	12.0 ± 7.0
	Symptomatic flexible flatfoot (45 patients)	11.7 ± 2	36.0 ± 9.0	16.0 ± 8.0	16.0 ± 7.0	17.0 ± 9.0
Current study	Idiopathic planovalgus (568 feet)	6.9 ± 3.2†	32.3 ± 11.1	18.2 ± 8.6	11.2 ± 4.4	16.5 ± 9.0

*Data are presented as the mean with the standard deviation or range. †The average of the ages at the time of the examinations during follow-up, which was calculated to enable comparison with the previous studies.