

TABLE E-1 Weight And Height Percentiles for 105 Children with 141 Slipped Capital Femoral Epiphyses (SCFE)*

Parameter	All (N = 141)	Typical SCFE (N = 126)	Atypical SCFE (N = 15)	P Value
Weight percentile†				0.000004
>95th	98	95	3	
90-95th	7	6	1	
50-89th	20	13	7	
10-49th	3	3	0	
<10th	1	0	1	
Height percentile†				<0.000006
>95th	23	21	2	
90-95th	11	11	0	
50-89th	36	35	1	
10-49th	13	13	0	
<10th	11	2	9	
Weight percentile‡				0.00004
>97th	84	81	3	
95-97th	12	12	0	
90-95th	10	9	1	
75-89th	13	8	5	
50-75th	6	5	1	
25-49th	3	2	1	
10-24th	0	0	0	
3-9th	0	0	0	
<3rd	1	0	1	
Height percentile‡				<0.000006
>97th	16	14	2	
95-97th	6	6	0	
90-95th	11	11	0	
75-89th	23	22	1	
50-75th	14	14	0	
25-49th	8	8	0	
10-24th	4	4	0	
3-9th	1	1	0	
<3rd	11	2	9	
Body mass index percentile‡				0.19
>97th	65	56	9	
95-97th	15	13	2	
90-95th	5	5	0	
75-89th	5	5	0	
50-75th	0	0	0	
25-49th	2	2	0	
10-24th	1	0	1	
3-9th	0	0	0	
<3rd	1	1	0	

*Height and weight were not known for all patients. †Using norms from reference 13. ‡Using norms from reference 14.

TABLE E-2 Logistic Regression Models Predicting the Probability of an Atypical Slipped Capital Femoral Epiphysis Using Age, Weight, and Height Categories

Model	Constant	Age Coefficient	Weight Coefficient	Height Coefficient	Probability of an Atypical SCFE for Various Combinations
Age	-2.78	2	—	—	6% age 10 to 16, 31% age <10 or >16
Height	-3.18	2.57	—	—	4% height >50th percentile, 35% height <50th percentile
Age and Height	-3.66	1.76	—	2.71	3% age 10 to 16 and height >50th percentile
					13% age <10 or >16 and height >50th percentile
					28% age 10 to 16 and height <50th percentile
					69% age <10 or >16 and height <50th percentile
Weight and Height	-3.28	—	2	2.55	4% weight >50th percentile and height >50th percentile
					22% weight <50th percentile and height >50th percentile
					33% weight >50th percentile and height <50th percentile
					78% weight <50th percentile and height <50th percentile
Age, Weight, and Height	-3.63	1.6	1.51	2.65	3% age 10 to 16, weight >50th percentile, and height >50th percentile
					27% age 10 to 16, weight >50th percentile, and height <50th percentile
					11% age 10 to 16, weight <50th percentile, and height >50th percentile
					63% age 10 to 16, weight <50th percentile, and height <50th percentile
					12% age <10 or >16, weight >50th percentile, and height >50th percentile
					65% age <10 or >16, weight >50th percentile, and height <50th percentile
					37% age <10 or >16, weight <50th percentile, and height >50th percentile
					89% age <10 or >16, weight <50th percentile, and height <50th percentile