

TABLE E-1 Demographic Characteristics of the Patients

	Radiographic Signs of Impingement		P Value
	Present	Absent	
Age at surgery* (yr)	49.7 (28 to 67)	49.3 (15 to 69)	0.8712
Height* (cm)	174.5 (152 to 187)	172.8 (153 to 195)	0.4693
Weight*† (kg)	78.4 (49 to 104)	86.0 (54 to 154)	0.0943
Body-mass index*†	25.5 (19.9 to 32.3)	28.6 (21.4 to 43.6)	0.0045
Male/female‡ (no. of patients)	14/4	40/22	0.2903
Charnley class ⁶⁰ ‡ (no. of patients)			0.5280
A	5	25	
B	12	32	
C	1	5	

*Values are given as the mean with the range in parentheses. Radiographic signs of impingement were present in twenty hips and absent in seventy-one. †The variable was not normally distributed.

‡Radiographic signs of impingement were present in eighteen patients and absent in sixty-two.

TABLE E-2 Implant-Related Characteristics

	Radiographic Signs of Impingement		P Value
	Present (N = 20)*	Absent (N = 71)*	
Size of acetabular shell† (mm)	56.7 (3.3)	56.3 (4.1)	0.8346
Cup abduction angle (deg)	39.9 (7.3)	43.0 (7.0)	0.0870
Cup anteversion angle (deg)	19.3 (8.2)	17.8 (8.8)	0.5002
Stem-femoral shaft angle (deg)	129.9 (6.6)	130.8 (8.9)	0.6638
Prosthetic head-neck ratio†	1.31 (0.04)	1.30 (0.07)	0.4954

*Values are expressed as the mean, with the standard deviation in parentheses. †The variable was not normally distributed.