

TABLE E-1 Demographic, Clinical, Radiographic, and Implant-Related Data from the Four Study Groups*

	Zimmer	Biomet	DePuy	Smith & Nephew	P Value
Number of patients	42	34	32	29	
Number of right-sided procedures	27 (64%)	12 (35%)	16 (50%)	17 (59%)	0.075
Number of male patients	25 (60%)	19 (56%)	20 (63%)	21 (72%)	0.575
Age of patients† (yr)	52.3 ± 10.8 (23 to 74)	55.4 ± 9.4 (29 to 67)	52.1 ± 9.8 (27 to 66)	54.4 ± 10.8 (36 to 70)	0.465
Preoperative body-mass index† (kg/m^2)	27.6 ± 4.1 (20.4 to 36.6)	27.5 ± 4.5 (21.0 to 42.5)	27.5 ± 3.7 (21.0 to 35.8)	31.2 ± 7.7 (21.7 to 56.6)	0.104
Number of patients diagnosed with osteoarthritis	31 (74%)	30 (88%)	27 (84%)	27 (93%)	0.140
Femoral head size† (mm)	48.0 ± 4.0 (40 to 56)	49.1 ± 4.2 (42 to 60)	48.8 ± 3.0 (45 to 55)	48.1 ± 4.6 (40 to 56)	0.611
Number of long sleeve adapters used‡	17 (40%)	7 (21%)	15 (47%)	10 (34%)	0.193
Cup abduction angle† (deg)	43.9 ± 8.0 (25.9 to 63.0)	45.5 ± 7.9 (29.9 to 68.1)	42.3 ± 5.9 (32.3 to 57.5)	42.1 ± 9.2 (24.9 to 64.0)	0.268
Arc of cover† (mm)	11.3 ± 2.4 (5.6 to 17.4)	11.1 ± 2.4 (3.7 to 15.3)	11.2 ± 2.0 (6.7 to 16.0)	11.6 ± 2.7 (7.3 to 18.0)	0.839
WOMAC score†					
Preoperative	53.1 ± 16.3 (12 to 80)	54.6 ± 23.6 (6 to 90)	53.2 ± 19.8 (6 to 87)	55.3 ± 18.1 (22 to 84)	0.974
Two years postoperative	3.4 ± 5.7 (0 to 26)	8.5 ± 16.2 (0 to 65)	8.5 ± 15.1 (0 to 60)	10.0 ± 15.6 (0 to 51)	0.419
UCLA activity score†					
Two years postoperative	7.7 ± 1.9 (4 to 10)	6.5 ± 2.0 (2 to 10)	7.9 ± 1.8 (4 to 10)	6.8 ± 1.9 (4 to 10)	0.024

*Number of patients excludes seven patients lost to follow-up. †Data are given as the mean plus the standard deviation, with the range in parentheses. ‡Long sleeve adapters: +3, +4, +5, +6, and +8 mm. (The plus sign refers to the name of the sleeve, with increasing number reflecting a higher center of rotation of the femoral head.) WOMAC = Western Ontario and McMaster Universities Osteoarthritis Index, and UCLA = University of California at Los Angeles.