

TABLE E-1 Clinical Results of Primary Arthroplasty According to Harris Hip Rating System

Result	Cemented or Hybrid Group		Cementless Group	
	Preoperative	Latest Follow-up	Preoperative	Latest Follow-up
Hip score (points)	49.8 (range, 33-62)	85.3 (range, 61-97)	49.7 (range, 18-64)	88.5 (range, 61-100)
Pain score (points)	12.5 (range, 10-20)	40.4 (range, 30-44)	11.2 (range, 0-30)	38.6 (range, 20-44)
Functional score (points)	37.3 (range, 23-52)	43.9 (range, 31-56)	34.1 (range, 8-52)	49.9 (range, 41-56)
Motion (degree)				
Extension	−29.3° (range, −10° to −60°)	0° (range, 0°-0°)	−15° (range, 0° to −37°)	0° (range, 0°-0°)
Flexion	71.4° (range, 30°-110°)	115.6° (range, 90°-125°)	86.5° (range, 45°-110°)	112.9° (range, 90°-135°)
Abduction	8.6° (range, 0°-20°)	45° (range, 30°-60°)	14.3° (range, −25°-45°)	48.8° (range, 30°-60°)
Adduction	19.3° (range, −10°-45°)	46.1° (range, 10°-60°)	23.4° (range, 6°-45°)	42.1° (range, 25°-60°)
External rotation	12.9° (range, 0°-25°)	34.4° (range, 0°-60°)	19.7° (range, 0°-40°)	40° (range, 25°-60°)
Internal rotation	10° (range, 0°-25°)	35° (range, 10°-60°)	9.7° (range, −25°-35°)	36.6° (range, 20°-60°)

TABLE E-2 The Location and size of Osteolysis

Cemented or Hybrid Group		Cementless group	
Location	No. of Hips	Location	No. of Hips
Zones 1 and 7 of femur Zones I and II of acetabulum	12 hips	Zones 1, 2, 6 and 7 of femur No acetabular osteolysis	7 hips
Zones 1, 2 and 6 of femur Zones I and II of acetabulum	8 hips	Zones 1, 3, 5 and 7 of femur Zones II and III of acetabulum	7 hips
No femoral osteolysis Zones I, II and III of acetabulum	5 hips	Zones 1 and 7 of femur No acetabular osteolysis	16 hips
		No femoral osteolysis Zones I, II and III of acetabulum	7 hips
		Zones 1 and 7 of femur Zones II and III of acetabulum	14 hips
		Zones 7-A of femur No acetabular osteolysis	14 hips
		No femoral osteolysis Zones II and III of acetabulum	7 hips
Mean size of acetabular osteolysis : 1.5 cm ² (0.5-2.2 cm ²)		Mean size of acetabular osteolysis : 2.8 cm ² (2.2-3.2 cm ²)	
Mean size of femoral osteolysis : 2.6 cm ² (1.8-3.2 cm ²)		Mean size of femoral osteolysis : 3.2 cm ² (2.4-4.2 cm ²)	