

Table E-1 Abduction Strength of the Hips at the Time of Final Follow-up

Abduction strength*	N (%)	Active Range of Motion†	Trendelenburg Sign (+/-)
Active contraction without movement (1)	1 (2%)	0	1/0
Active movement against gravity (no resistance from physician) (3)	4 (6%)	4 +/- 8	2/2
Active movement against gravity and resistance (4)	21 (33%)	25 +/- 10	2/19
Normal strength (5)	38 (59%)	36 +/- 9	0/38

*The abduction strength was graded from 0 (no active contraction) to 5 (normal strength) according to MRC scale. †The values are given, in degrees, as the mean and standard deviation.

Table E-2. Harris Hip Score for Function* at the Time of Final Follow-up

Elements	Preoperative	At Final Follow-up	P Value
Limp	1.2 (0-5)	8.3 (0-11)	<0.001
Support	8.2 (0-11)	8.1 (0-11)	0.74
Walking distance	6.2 (2-11)	8.3 (2-11)	<0.001
Stairs	1.7 (0-4)	2.3 (1-4)	0.004
Shoes and socks	2.4 (0-4)	2.8 (0-4)	0.11

*The values are given as the mean (range).

Table E-3. Range of Motion*

	Preoperative	Final Follow-up	P value
Movement*			
Extension	2 +/- 8	8 +/- 6	<0.001
Flexion	95 +/- 24	106 +/- 10	<0.001
Abduction	31 +/- 15	38 +/- 10	0.001
Adduction	26 +/- 13	27 +/- 7	0.35
Internal rotation	33 +/- 23	40 +/- 17	0.026
External rotation	38 +/- 26	35 +/- 16	0.58
Harris hip score†			
Range of motion	4.5 (1.0-5.0)	4.9 (4.6-5.0)	<0.001
Absence of deformity	1.9 (0-4)	3.9 (0-4)	<0.001

*The values are given, in degrees, as the mean and standard deviation. †The values are given, in points, as the mean with the range in parentheses.

Table E-4. Revisions of the Acetabular Components

Brand	N	Reason for Revision	n	Component Used in Revision	n
Lord	1	Aseptic loosening	1	Biomet Vision	1
Biomet T-Tap	8	Aseptic loosening	7	Biomet Universal	6
				Biomet SHP (cemented)	1
Biomet Universal	25	Aseptic loosening	2	Biomet Universal	1
				Ogee (cemented)	1
		Broken augment	1	Lubinus IP (cemented)	1
		Excessive liner wear	7*	New PE liner cemented inside the shell	4*
Biomet Mallory	34	Aseptic loosening	2	Biomet Universal	2
		Liner wear + granulomas	1	Elite (cem.) + Kerboul antiprotrusion	1
		Excessive liner wear	7*	New liner cemented inside the shell	2*

*Eight hips (three Universal and five Mallory cups) were scheduled for liner revision at the final follow-up examination. All cemented cup revisions were performed in other hospitals. N = number of primary operations. n = number of revisions. PE = polyethylene.