

TABLE E-1 Modified Harris Hip Score

Pain	Points
None, or ignore it	44
Slight, occasional, no activity compromise	40
Mild, no effect on average activity, may take nonsteroidal anti-inflammatory agent	30
Moderate, some average activity limitation, occasional narcotic use	20
Marked, serious activity limitations	10
Totally disabled, bedridden	0
Function	
Walk with limp	
None	11
Slight	8
Moderate	5
Severe	0
Support	
None	11
Shoe lift for hiking and sports (original Harris hip score includes "cane for long walks")	7
Shoe lift most of time (original Harris hip score includes "cane most of the time")	5
One crutch	3
One cane (original Harris hip score includes "two canes")	2
Two crutches	0
Not able to walk	0
Stair climbing	
Normally without use of railing	4
Normally with use of railing	2
In any manner	1
Unable to do stairs	0
Ability to put on shoes and socks	
With ease	4
With difficulty	2
Unable	0
Ability to sit	
Comfortably in ordinary chair for one hour	5
On high chair for one hour	3
Unable to sit comfortably in any chair	0
Total maximum points	79

TABLE E-2 Clinical and Radiographic Data

	Case 1	Case 2	Case 3	Case 4	Case 5	Case 6	Case 7	Case 8	Mean
Age (yr)	12.3	12.4	12.2	13.6	8.5	7.8	14.2	8.3	11.2
Sex	F	M	M	F	F	F	M	F	
Hunka hip classification	V	IVb	IVa	IVa	IVb	V	V	V	
Proximal migration of hip preoperatively (cm)	4.6	3.7	5.5	5	5.3	2.5	1	3	3.8
Proximal osteotomy location (cm distal to tip of greater trochanter)	8.6	5.7	9.2	8.1	7.6	5.5	6	7	7.2
Valgus angulation, proximal osteotomy (degrees)	55	35	48	47	16	70	42	40	44
Extension angulation, proximal osteotomy (degrees)	22	30	5 Flexion	25		25			19
Distal femur lengthening (cm)	7	6.2	4.4	N/A	6	5.5	5.3	5.5	5.7
Varus angular correction, distal osteotomy (degrees)	23	7	0	0	13	14	15	6	10
Lower-extremity length discrepancy (cm) preoperative/postoperative	5.7/0	6.4/0.2	4.7/1.0	0.6/1.2	4.9/1.0	4.8/1.0	4.3/1.0	5.5/0	4.6/0.7
Time in frame (mo)	4	6	3.75	3	4	5.25		7	4.7
Modified Harris hip score (points) preoperative/postoperative	61/74	52/74	62/76	49/64	67/74	44/72		21/79	51/73
Pelvic mechanical axis angle (degrees)	91	85	94	84	90	92	88	90	89
Mechanical axis deviation (mm)	3 Lat	15 Lat	8 Lat	0	23 Lat	5 Med	16 Med	0	2 Lat
Trendelenburg sign, preoperative/postoperative	Pos/neg	Pos/neg	Pos/neg	Pos/neg	Pos/improved	Pos/neg	Pos/neg	Pos/improved	
Repeat Ilizarov hip reconstruction	No	No	No	No	Yes (age 13 yr)	Yes (age 14 yr)	No	No	
Follow-up (yr)	2.1	1.9	6.9	5	4.8	6.8	9.8	2.8	5