

TABLE E-1 Comparison of Patient-Assessed Outcomes in Patients with Hip Fractures According to Type of Treatment. Only Patients without Reoperation Included

	Osteosynthesis	Hemiarthroplasty	Mean Difference (95% Confidence Interval)	P Value*
Total no. of patients	285	618		
Patient satisfaction†‡				
At 4 months	37.7 (35.1, 40.2)	25.1 (23.2, 27.0)	12.6 (9.7, 15.5)	<0.001
At 12 months	37.4 (34.8, 40.0)	25.3 (23.4, 27.3)	12.1 (9.0, 15.1)	<0.001
Pain score†‡				
At 4 months	34.4 (31.9, 36.8)	22.4 (20.6, 24.2)	12.0 (9.2, 14.8)	<0.001
At 12 months	28.7 (26.3, 31.1)	19.2 (17.4, 21.0)	9.5 (6.8, 12.3)	<0.001
Scores on EQ-5D _{index} and EQ-VAS†§				
EQ-5D _{index}				
At 4 months#	0.48 (0.45, 0.52)	0.56 (0.54, 0.59)	-0.08 (-0.11, -0.04)	<0.001
At 12 months**	0.53 (0.49, 0.56)	0.60 (0.58, 0.63)	-0.08 (-0.12, -0.04)	<0.001
EQ-VAS				
At 4 months	54.8 (52.1, 57.4)	60.1 (58.1, 62.1)	-5.4 (-8.4, -2.3)	0.001
At 12 months	57.7 (54.9, 60.5)	62.1 (60.0, 64.2)	-4.4 (-7.6, -1.2)	0.007

*General linear model with adjustments for age, sex, and ASA class. †The values are given as the mean, with the 95% confidence interval in parentheses. ‡Assessed on a visual analog scale, with 0 indicating best health status and 100 indicating worst health status. §EQ-5D index score ranges from 0, indicating worst, to 1, indicating best. EQ-VAS ranges from 0, indicating worst, to 100, indicating best. #There were 266 patients in the osteosynthesis group and 588 in the arthroplasty group. **There were 261 patients in the osteosynthesis group and 595 in the arthroplasty group.

TABLE E-2 Comparison of Patient-Assessed Outcomes in Patients Who Had Hemiarthroplasty as Primary or Secondary Procedure

	Secondary Hemiarthroplasty*	Primary Hemiarthroplasty	Mean Difference (95% Confidence Interval)	P Value†
Total no. of patients	47	628		
Patient satisfaction‡§				
At 4 months	39.2 (33.4, 44.9)	25.0 (23.1, 26.9)	14.2 (8.3, 20.1)	<0.001
At 12 months	29.6 (23.5, 35.6)	24.9 (22.9, 27.0)	4.6 (−1.6, 10.8)	0.145
Pain score‡§				
At 4 months	34.4 (28.8, 40.1)	22.0 (20.1, 23.9)	12.5 (6.7, 18.2)	<0.001
At 12 months	20.9 (15.5, 26.3)	18.6 (16.8, 20.4)	2.4 (−3.2, 7.9)	0.404
Scores on EQ-5D _{index} and EQ-VAS‡#				
EQ-5D _{index}				
At 4 months**	0.41 (0.33, 0.48)	0.56 (0.54, 0.59)	−0.15 (−0.23, −0.07)	<0.001
At 12 months††	0.53 (0.45, 0.61)	0.60 (0.58, 0.63)	−0.07 (−0.16, 0.01)	0.083
EQ-VAS				
At 4 months	51.4 (45.0, 57.9)	60.6 (58.4, 62.7)	−9.1 (−15.7, −2.5)	0.007
At 12 months	58.2 (51.5, 64.8)	62.8 (60.6, 65.0)	−4.7 (−11.5, 2.1)	0.177

*Patients in the osteosynthesis group who had a reoperation with hemiarthroplasty during the first 240 days postoperatively. †General linear model with adjustments for age, sex, and ASA class. ‡The values are given as the mean, with the 95% confidence interval in parentheses. §Assessed on a visual analog scale, with 0 indicating best health status and 100 indicating worst health status. #EQ-5D index score ranges from 0, indicating worst health status, to 1, indicating best health status. EQ-VAS ranges from 0, indicating worst health status, to 100, indicating best health status. **There were 598 in the primary hemiarthroplasty group and forty-three in the secondary hemiarthroplasty group. ††There were 604 in the primary hemiarthroplasty group and forty-three in the secondary hemiarthroplasty group.