

Table E1 Comparison Between Pre-Operative and Post-Operative Measurements

Variable	Number	Mean	Standard deviation	Median	P value
Age (year)	38	29.421	9.132	30.0	
Op. time (minute)	38	193.158	37.962	190.0	
Blood loss (ml)	38	885.789	409.513	825.0	
F/U (year)	38	5.5	2.739	5.0	
Pain					
pre-op	38	20.263	9.722	20.0	
post-op	38	38.553	8.535	40.0	
different	38	18.289	11.583	20.0	0.0001
Function					
pre-op	38	31.789	7.946	31.5	
post-op	38	41.921	6.309	44.0	
different	38	10.132	6.715	9.0	0.0001
ROM					
pre-op	38	7.080	1.013	7.0	
post-op	38	7.554	0.797	8.0	
different	38	0.474	0.797	0.0	0.0013
Total score					
pre-op	38	59.13	15.782	59.0	
post-op	38	87.97	14.262	91.5	
different	38	28.842	16.391	31.0	0.0001
Osteoarthrosis degree					
pre-op	38	1.632	0.633	2.0	
post-op	38	1.421	0.793	1.5	
different	38	-0.211	0.664	0.0	0.0963
Anterior CE angle (°)					
pre-op	29	21.966	12.929	22.0	
post-op	38	36.105	12.333	38.0	
different	29	12.448	13.222	15.0	0.0001
Lateral CE angle (°)					
pre-op	38	-2.658	14.396	0.0	
post-op	38	26.605	14.097	28.5	
different	38	29.263	19.225	25.5	0.0001
AIA (°)					
pre-op	38	23.447	6.624	23.5	
post-op	38	12.711	4.626	12.0	
different	38	-10.737	6.412	-10.0	0.0001
AHI (%)					
pre-op	38	48.184	12.651	52.0	
post-op	38	73.05	16.035	74.0	
different	38	22.921	13.952	24.5	0.0001
Lateral subluxation (mm)					
pre-op	38	14.658	5.323	14.0	
post-op	38	12.34	6.006	10.5	
different	38	-2.000	3.639	-1.5	0.0016

Op: Operation; F/U: follow up; ROM: range of motion; CE angle: center-edge angle; AIA: acetabular index angle; AHI: acetabular head index