

TABLE E-1 Comparison of Cortical Index in Hips with and without a Periprosthetic Femoral Fracture*

Mean Cortical Index in Hips with a Fracture (Range)	Mean Cortical Index in Matched Controls (Range)	P Value
54% (43% to 59%)	50% (44% to 55%)	0.348

*
$$\text{Cortical index (\%)} = \left(1 - \frac{\text{int cortical dia.}}{\text{ext cortical dia.}}\right) / 100$$

TABLE E-2 Revisions

Component	No. of Hips
Acetabular (for psoas tendinitis)	2
Femoral	
For fracture	4
For aseptic loosening	1
Femoral shortening osteotomy for transient nerve palsy	1
Both (acetabular for osteolysis and femoral to improve anteversion)	1*

*One of the hips that was previously revised for psoas tendinitis.