

<b>TABLE E-1 Morphology of the AIIIS and Periacetabular Structures*</b>	
Footprint	Mean (95% CI)
Total AIIIS ( <i>mm</i> <sup>2</sup> )	245.6 (205.2-286.0)
AIIIS superior facet ( <i>mm</i> <sup>2</sup> )	137.6 (110.5-164.7)
AIIIS inferior facet ( <i>mm</i> <sup>2</sup> )	108.0 (92.5-123.5)
Width of AIIIS ridge ( <i>mm</i> )	8.9 (7.7-10.0)
Direct head of rectus femoris ( <i>mm</i> <sup>2</sup> )	170.0 (137.7-202.4)
Indirect head of rectus femoris ( <i>mm</i> <sup>2</sup> )	637.5 (566.7-708.3)
Iliocapsularis ( <i>mm</i> <sup>2</sup> )	67.4 (54.9-79.9)

\*AIIIS = anterior inferior iliac spine.

<b>TABLE E-2 Distance from Indirect Head of Rectus Femoris to Inner Rim of Acetabulum*</b>	
Clock-Face Position†	Mean Distance (95% CI)
11:00	13.5 (10.2-16.7)
11:30	9.5 (6.9-12.0)
12:00	6.4 (4.7-8.2)
12:30	5.1 (4.2-6.1)
1:00	6.6 (5.2-8.1)
1:30	8.7 (6.8-10.5)
2:00	10.9 (8.9-12.9)

\*All distances are in millimeters. †12:00 = superior, 3:00 = anterior, 6:00 = inferior, and 9:00 = posterior.

TABLE E-3 Dimensions of Acetabular (Cotyloid) Fossa	
	Mean (95% CI)
<b>Acetabular dimensions</b>	
Acetabular radius ( <i>mm</i> )	25.4 (24.0-26.8)
Cotyloid fossa height ( <i>mm</i> )	36.4 (34.4-38.5)
Acetabular diameter ( <i>mm</i> )	50.8 (48.0-53.6)
Fossa height/acetabular diameter (%)	72 (68-75)
<b>Cotyloid fossa width*</b>	
In millimeters	
At 0% of fossa height	24.9 (21.5-28.4)
At 20% of fossa height	22.8 (20.8-24.9)
At 40% of fossa height	27.6 (25.3-29.9)
At 60% of fossa height	28.9 (27.0-30.9)
At 80% of fossa height	24.2 (22.3-26.1)
As % of acetabular diameter	
At 0% of fossa height	49 (43-55)
At 20% of fossa height	45 (41-49)
At 40% of fossa height	55 (50-59)
At 60% of fossa height	57 (54-60)
At 80% of fossa height	48 (45-51)
*100% of cotyloid height corresponds to the apex of the acetabular fossa, which is always zero.	