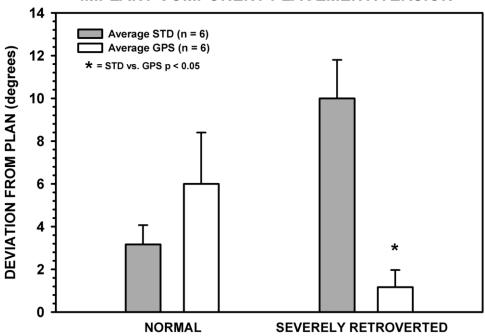
Copyright © 2012 by The Journal of Bone and Joint Surgery, Incorporated Hendel et al. Comparison of Patient-Specific Instruments with Standard... http://dx.doi.org/10.2106/JBJS.K.01209 Page 1 of 1





PREOPERATIVE RETROVERSION

Fig. E-1
Bar graphs showing deviation from plan in version by plotting the results of the most retroverted glenoids and the least retroverted glenoids (those with preoperative version that is closest to zero [normal]). Gray bars represent the use of standard instrumentation; white bars represent the use of patient-specific instrumentation. STD = standard surgical group and GPS = glenoid positioning system group.

TABLE E-1 Preoperative Glenoid Parameters*

Preoperative Glenoid	Standard Surgical Group	Glenoid Positioning System Group	
Parameters	(N = 16)	(N=15)	P Value
Retroversion	$-11.3 \pm 13.3 \ (-38.9 \text{ to } 16.6)$	$-14.8 \pm 10.1 \ (-27.4 \text{ to } 6.7)$	0.41
Inclination	$9.7 \pm 6.1 (-1.8 \text{ to } 22.3)$	$6.7 \pm 5.3 (-3.4 \text{ to } 16.7)$	0.16
Vault version	$-6.1 \pm 4.9 (-14 \text{ to } 0)$	$-6.9 \pm 3.3 (-14 \text{ to } 0)$	0.60
Vault inclination	$5.4 \pm 2.6 (0 \text{ to } 10)$	$4.2 \pm 3.3 \ (0 \text{ to } 12)$	0.25

^{*}Values are given as the mean and the standard deviation in degrees, with the range in parentheses.