

Supplementary Table S1: Comparison of demographic variables and injury morphology between treatment groups.

Variable	Anterior (n = 125)	Posterior (n = 43)	Combined (n = 107)	p
Patient Characteristics				
Age [years, mean (SD)]	57.4 (19.8)	70.1 (16.6)	57.3 (20.0)	<.001 ¹
Sex [% female]	24.0	34.9	26.2	.357 ²
Preexisting spine pathology [%]	4.8	32.6	14.0	.023 ²
Injury Morphology				
AO Spine Injury Type [%]				<.001 ³
B2	12.8	25.6	11.2	
B3	51.2	27.9	18.7	
C	36.0	46.5	70.1	
Multilevel Primary Injury [%]	7.2	4.7	6.5	.947 ²
Any Modifier [%]	51.2	62.8	39.3	.023 ²
(Potentially) unstable Facet Injury [%]	44.0	58.1	70.1	<.001 ²

Statistical tests used: ¹ANOVA, ²Fischer Freeman Halton, ³Chi².