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Figs. E1-A through E1-D Long standing radiographs of a seventy-one-year-old man in the primary group with kyphoscoliosis. **Fig. E1-A** Preoperative anteroposterior view showing a thoracolumbar scoliosis of 84°. **Fig. E1-B** Preoperative lateral view showing a lumbar lordosis of 17°.

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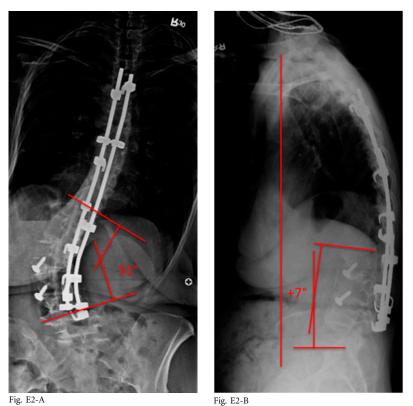


 Fig. E1-C
 Fig. E1-D

 Fig. E1-C
 Postoperative anteroposterior view showing a correction of scoliosis to 24° with posterior spinal instrumentation and arthrodesis from T3 to S2.

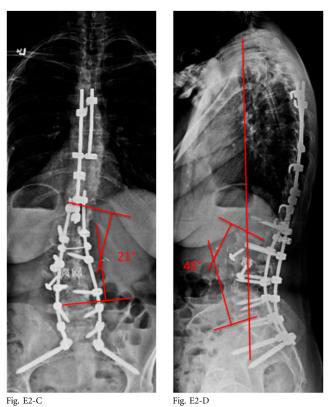
 Fig. E1-D
 Postoperative lateral view showing a correction of lumbar lordosis to 54°.

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Figs. E2-A through E2-D Long standing radiographs of a sixty-eight-year-old woman with scoliosis who had multiple previous surgical procedures, including a posterior arthrodesis. **Fig. E2-A** Preoperative anteroposterior view showing substantial coronal imbalance. **Fig. E-2B** Preoperative lateral view showing a lumbar kyphosis of 7°.

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Postoperative anteroposterior (Fig. E2-C) and lateral (Fig. E2-D) views showing good coronal and sagittal balance obtained via extension of the arthrodesis to the pelvis with an extended pedicle subtraction osteotomy performed at L3.

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Parameter	Primary Group ($N = 59$)			Revision Group ($N = 108$)		
	Preoperative	6-Wk Postoperative	Final Follow-up	Preoperative	6-Wk Postoperative	Final Follow-up
SRS-22 score* (points)						
Pain	1.9 (0.4 to 3.1)	3.4 (2.3 to 4.5)	3.2 (2.3 to 4)	1.8 (0.3 to 3.2)	3.5 (2.4 to 4.8)	3.2 (2.5 to 4.3
Self-image	2 (1.1 to 3.4)	2.9 (1.6 to 4.2)	2.7 (0.9 to 4.2)	2 (0.5 to 3.2)	2.9 (0.5 to 3.9)	2.4 (1.0 to 3.8
Activity	2.4 (1.2 to 3.2)	2.8 (2.0 to 3.6)	3.0 (2.5 to 3.8)	2.5 (1 to 3.8)	2.8 (2.0 to 3.3)	3.1 (2.5 to 3.8
Mental health	1.8 (1 to 2.7)	1.8 (1.5 to 2.3)	2.9 (2.3 to 3.4)	1.8 (0.6 to 2.7)	1.8 (1.4 to 2.2)	3.0 (2.5 to 3.7
Satisfaction	1.8 (0.1 to 4.2)	2.2 (1.5 to 3.0)	3.3 (1.7 to 4.8)	1.6 (0 to 5.7)	2.2 (1.3 to 3.1)	3.4 (1.8 to 5.1
ODI score*	71 (42 to 98)	42 (16 to 80)	36 (6 to 72)	72 (48 to 94)	40 (12 to 70)	32 (0 to 62)