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Appendix

The results of radiographic measurements for each patient were presented in this table.

Segmental scoliosis(°)				Distal compensatory curve(°)				Head tilt(°)			Trunk shift(mm)			Segmental kyphosis(°)			SVA(C7-S1)(mm)			Clavical angle(°)		
Pre-op	Post-op	Follow	Flexibility	Pre-op	Post-op	Follow	Pre-op	Post-op	Follow	Pre-op	Post-op	Follow	Pre-op	Post-op	Follow	Pre-op	Post-op	Follow	Pre-op	Post-op	Follow	
1	60	20	23	0.18	58	29	60	18	4	7	20	8	5	13	12	10	-15	-10	-8	4	1	1
2	57	22	18	0.12	29	25	21	10	6	7	53	20	16	65	15	22	-6	28	3	3	1	1
3	30	5	8	0.17	20	15	25	19	2	5	28	13	8	82	30	33	25	10	8	2	2	3
4	50	6	8	0.12	30	9	35	25	3	6	10	15	18	20	16	17	-20	-10	-15	3	0	6
5	80	18	20	0.06	90	88	90	30	15	18	30	8	10	70	10	12	-22	0	0	17	1	0
6	45	10	13	0.13	15	20	23	16	2	3	18	20	12	4	2	2	-5	-10	-7	3	4	3
7	63	14	17	0.08	20	8	18	15	4	2	5	5	15	30	19	23	-9	16	-20	8	3	2
8	35	21	16	0.09	42	28	26	12	4	5	18	3	14	25	20	21	6	-10	30	2	4	2
9	70	12	15	0.03	99	90	100	40	18	20	15	19	22	3	0	0	18	-10	-18	12	6	5
10	43	2	3	0.16	13	8	10	21	3	1	15	5	5	13	11	12	18	-25	-14	3	0	0
11	110	18	20	0.14	115	110	115	24	7	5	13	15	8	60	5	8	-10	20	15	6	3	2
12	44	3	5	0.16	20	20	12	28	5	2	18	10	3	20	12	15	-26	-15	-10	4	2	1
13	48	10	10	0.17	12	8	35	35	8	6	27	30	3	0	-2	-3	-18	-10	-20	10	3	1
14	52	34	35	0.04	53	35	25	25	2	5	12	16	12	4	2	2	32	-34	11	11	1	3
15	46	5	6	0.11	18	13	9	23	4	6	15	7	9	29	18	21	-20	5	-18	5	1	0
16	40	8	10	0.15	22	30	32	30	3	5	12	15	5	-6	8	11	-19	-8	-10	5	2	2
17	35	2	3	0.17	13	3	15	22	3	5	10	3	8	3	1	2	-20	15	10	3	1	1
18	59	12	11	0.10	75	15	20	26	1	4	2	1	3	39	20	25	-14	-4	-6	5	3	1
19	57	11	13	0.09	36	5	10	28	2	3	30	3	3	27	19	22	-22	-3	-25	3	1	0
20	42	10	12	0.05	15	4	12	30	3	6	10	6	5	0	-1	-3	0	10	-8	3	1	1
21	48	3	5	0.08	8	15	10	20	1	2	8	8	4	63	20	23	-8	15	10	6	3	2
22	55	8	10	0.04	5	0	2	29	2	3	19	5	3	-2	-3	-3	-18	-10	-8	5	0	2
23	58	16	12	0.10	16	26	20	35	6	2	5	18	3	57	28	35	-17	-38	-11	4	3	2
24	47	32	37	0.06	45	12	16	26	6	3	7	22	15	8	5	2	20	12	-17	2	2	2
25	50	7	8	0.08	5	8	10	26	4	5	13	15	8	-1	-3	-2	-15	-18	-10	2	2	2