

Table S1. The planned and actual movements of the maxilla depending on each surgical plan.

	Planned Movement (mm)			Actual Movement (mm)		
	x	y	z	x	y	z
Bodily shift						
<i>Advancement by 3 mm and downward by 2mm</i>						
#11	0.00 ± 0.00	-3.00 ± 0.00	-2.00 ± 0.00	0.30 ± 0.67	-2.72 ± 0.50	-2.26 ± 1.09
#13	0.00 ± 0.00	-3.00 ± 0.00	-2.00 ± 0.00	0.32 ± 0.58	-2.67 ± 0.70	-2.32 ± 0.87
#23	0.00 ± 0.00	-3.00 ± 0.00	-2.00 ± 0.00	0.32 ± 0.58	-2.76 ± 0.29	-1.98 ± 0.74
#16	0.00 ± 0.00	-3.00 ± 0.00	-2.00 ± 0.00	0.31 ± 0.45	-2.70 ± 0.61	-2.18 ± 0.48
#26	0.00 ± 0.00	-3.00 ± 0.00	-2.00 ± 0.00	0.32 ± 0.45	-2.84 ± 0.15	-1.68 ± 0.42
<i>Bodily shift to the right by 3 mm</i>						
#11	-3.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	-3.02 ± 0.24	0.37 ± 0.53	0.21 ± 0.27
#13	-3.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	-3.03 ± 0.23	0.34 ± 0.50	0.22 ± 0.44
#23	-3.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	-3.03 ± 0.23	0.39 ± 0.54	0.25 ± 0.33
#16	-3.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	-3.06 ± 0.21	0.30 ± 0.43	0.28 ± 0.71
#26	-3.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	-3.07 ± 0.21	0.37 ± 0.45	0.31 ± 0.57
Rotation						
<i>Cant correction by 4mm</i>						
#11	0.00 ± 0.00	0.00 ± 0.00	0.02 ± 0.05	-0.58 ± 0.36	-0.02 ± 0.34	0.33 ± 0.21
#13	0.01 ± 0.05	0.00 ± 0.00	1.38 ± 0.05	-0.59 ± 0.30	-0.08 ± 0.45	1.85 ± 0.39
#23	-0.02 ± 0.07	0.00 ± 0.00	-1.37 ± 0.04	-0.64 ± 0.30	0.04 ± 0.26	-1.08 ± 0.15
#16	0.46 ± 0.18	0.00 ± 0.00	1.95 ± 0.04	-0.15 ± 0.16	-0.16 ± 0.59	2.59 ± 0.60
#26	0.47 ± 0.19	0.00 ± 0.00	-2.01 ± 0.05	-0.16 ± 0.20	0.01 ± 0.27	-1.64 ± 0.34
<i>Posterior impaction by 3 mm</i>						
#11	0.00 ± 0.00	0.00 ± 0.00	0.00 ± 0.00	0.03 ± 0.59	0.06 ± 0.44	0.00 ± 0.21
#13	0.00 ± 0.00	-0.17 ± 0.16	1.00 ± 0.03	0.04 ± 0.70	-0.08 ± 0.79	0.98 ± 0.16
#23	0.00 ± 0.00	-0.31 ± 0.10	1.14 ± 0.07	0.04 ± 0.71	-0.28 ± 0.34	1.15 ± 0.09
#16	0.00 ± 0.00	-1.07 ± 0.18	3.00 ± 0.00	0.07 ± 0.92	-0.98 ± 0.93	3.12 ± 0.10
#26	0.00 ± 0.00	-1.38 ± 0.19	3.16 ± 0.21	0.06 ± 0.93	-1.39 ± 0.35	3.19 ± 0.19

Data are presented as mean ± standard deviation.