

Table S1. Patients treated by customized guided surgery.

Guided surgery	Age (y)	Sex	Advance pre. (mm.)	Retrusion pre. (mm.)	Midline change pre. (mm.)	Midline change post. (mm.)	Surgical time (min.)
Patient 1	34	Woman	5			5.1	38
Patient 2	35	Man	5			5	34
Patient 3	18	Woman	7			6.8	43
Patient 4	24	Woman	7			6.9	46
Patient 5	22	Man	3			3	55
Patient 6	48	Woman	5			5	40
Patient 7	20	Woman	4			4	39
Patient 8	23	Woman	5			5.2	40
Patient 9	27	Man	7			7.1	51
Patient 10	27	Woman	5			5.2	35
Patient 11	30	Woman	5			5	27
Patient 12	25	Man	7			7	41
Patient 13	40	Woman	5			5	36
Patient 14	41	Woman			15 ^o	16 ^o	48
Patient 15	37	Woman			14 ^o	14 ^o	51
Patient 16	21	Woman			10 ^o	11 ^o	45
Patient 17	25	Woman			16 ^o	16 ^o	46
Patient 18	29	Woman			20 ^o	21 ^o	42
Patient 19	40	Woman			18 ^o	18 ^o	48
Patient 20	51	Woman		3		3.4	42
Patient 21	28	Woman		4		4	50
Patient 22	39	Woman		3		3.1	46
Patient 23	37	Woman		5		5.1	35
Patient 24	28	Woman		5		5	40
Patient 25	37	Woman		3		3	38

Table S2. Patients treated by conventional surgery.

Conventional surgery	Age (y)	Sex	Advance pre. (mm.)	Retrusion pre. (mm.)	Midline change pre. (mm.)	Midline change post. (mm.)	Surgical time (min.)
Patient 1	19	Woman	5			5.2	46
Patient 2	34	Man	7			6.8	45
Patient 3	19	Woman	6			6.2	47
Patient 4	28	Woman	3			3.2	58
Patient 5	38	Woman	5			5.3	62
Patient 6	35	Woman	5			5	69
Patient 7	30	Woman	6			5.8	57
Patient 8	21	Woman		3		3.1	49
Patient 9	49	Man		5		5.2	55
Patient 10	45	Woman		4		4.3	54
Patient 11	39	Woman		5		4	55
Patient 12	37	Woman		3		3	67
Patient 13	23	Woman		5		5.2	54
Patient 14	20	Woman			15 ^o	17 ^o	87
Patient 15	18	Woman			14 ^o	18 ^o	61
Patient 16	21	Woman			22 ^o	25 ^o	107
Patient 17	22	Woman			21 ^o	22 ^o	45
Patient 18	24	Woman			19 ^o	22 ^o	68