

**Supplementary Table 1: Baseline characteristics.**

<b>Baseline characteristics</b>	<b>Minimum</b>	<b>Maximum</b>	<b><i>M</i> (<i>Q</i><sub>1</sub>, <i>Q</i><sub>3</sub>)</b>	<b>Normality test (<i>P</i>)</b>
Age (years)	3	25	6.00 (4.00, 12.00)	0
Length of disease (months)	0.5	>12	3.00 (2.00, 6.00)	0
Preoperative angles of deviation (33 cm, PD)	+20	+85	+60.00 (40.00, 65.00)	0.024
Preoperative angles of deviation (6 m, PD)	+20	+80	+50.00 (35.00, 65.00)	0.006

**Supplementary Table 2: The angles of deviation, success rate, and incidence of complication after BTA injection during follow-up.**

Groups	<i>M</i> ( <i>Q</i> <sub>1</sub> , <i>Q</i> <sub>3</sub> )				Success (%)	Complication
	1-month injection	after 2-months injection	after 3-months injection	after 6-months injection		
Grouped by preoperative angles of deviation						
<+50 PD	4.50 (-2.25, 7.50)	5.00 (0, 8.00)	5.00 (0, 8.00)	3.50 (0, 5.00)	18(90%)	9 (45%)
+50 PD~+70 PD	5.00 (0, 6.00)	5.00 (4.00, 10.00)	5.00 (3.00, 30.00)	5.00 (0, 26.25)	19(70%)	12 (44%)
≥+70 PD	5.00 (3.75, 30.00)	16.25 (4.75, 42.50)	17.75 (4.75, 52.50)	35.00 (5.00, 70.00)	4 (40%)	1 (10%)
Kruskal–Wallis test ( <i>P</i> )	0.213	0.094	0.090	0.009		
Bonferroni test ( <i>P</i> )*				0.446; 0.006; 0.115		
Chi-squared test ( <i>P</i> )*					0.013	0.123
					0.101; 0.007; 0.138	
Grouped by duration of disease						
<3 months	5.00 (2.25, 12.25)	5.00 (0, 15.63)	5.00 (0, 35.00)	4.50 (0, 32.81)	13(72%)	8 (44%)
3~6 months	5.00 (0, 7.75)	5.00 (0.75, 9.50)	5.00 (3.25, 15.00)	5.00 (1.25, 14.38)	17(70%)	8 (33%)
≥6 months	5.00 (2.00, 6.00)	5.00 (5.00, 22.00)	5.00 (5.00, 22.00)	5.00 (0, 30.00)	10(66%)	6 (40%)

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Kruskal–Wallis test ( <i>P</i> )	0.779	0.470	0.757	0.862		
Chi-squared test ( <i>P</i> )					0.937	0.759

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Data are shown as  $M(Q_1, Q_3)$  or  $n$  (%).

\*If there was statistical difference among three groups, further comparisons between two groups will be made in turn.

PD: prism diopters.