

Table S1 Outcomes at different follow-up time points

Postoperative outcomes	REZ-contact decompression, n (%)	REZ-non-contact decompression, n (%)	P value
Immediate			0.047
Complete cure	91 (81.3)	86 (92.5)	
Partial relief	19 (17.0)	6 (6.5)	
Ineffectiveness	2 (1.8)	1 (1.1)	
1 week			0.026
Complete cure	81 (72.3)	82 (88.2)	
Partial relief	12 (10.7)	4 (4.3)	
Reappearance	17 (15.2)	7 (7.5)	
Ineffectiveness	2 (1.8)	0 (0)	
1 month			0.159
Complete cure	92 (82.1)	86 (92.5)	
Partial relief	10 (8.9)	3 (3.2)	
Reappearance	9 (8.0)	4 (4.3)	
Ineffectiveness	1 (0.9)	0 (0)	
3 months			0.226
Complete cure	95 (84.8)	87 (93.5)	
Partial relief	8 (7.1)	3 (3.2)	
Reappearance	8 (7.1)	3 ^a (3.2)	
Ineffectiveness	1 (0.9)	0 (0)	
6 months			0.415
Complete cure	98 (87.5)	87 (93.5)	
Partial relief	6 (5.4)	2 (2.2)	
Reappearance	7 ^b (6.3)	4 ^c (4.3)	
Ineffectiveness	1 (0.9)	0 (0)	
12 months			0.729
Complete cure	101 (90.2)	87 (93.5)	
Partial relief	5 (4.5)	2 (2.2)	
Reappearance	5 ^d (4.5)	4 (4.3)	
Ineffectiveness	1 (0.9)	0 (0)	
24 months			0.534
Complete cure	100 (89.3)	86 (92.5)	
Partial relief	4 (3.6)	1 (1.1)	
Reappearance	7 ^e (6.3)	6 ^f (6.5)	
Ineffectiveness	1 (0.9)	0 (0)	

Delayed reappearance: ^a, blepharospasm re-emerged in 1 case at 3 months; ^b, 1 case relapsed at 5 months; ^c, 2 cases relapsed at 3–6 months; ^d, 3 cases relapsed at 6–12 months; ^e, 2 cases relapsed after 12 months; ^f, 2 cases relapsed after 12 months. REZ, facial root entry/exit zone.

Table S2 Complete cure at different follow-up time points

Follow-up time points	Complete cure, n (%)		P value
	REZ-contact decompression	REZ-non-contact decompression	
Immediate	91 (81.3)	86 (92.5)	0.020
1 week	81 (72.3)	82 (88.2)	0.005
1 month	92 (82.1)	86 (92.5)	0.029
3 months	95 (84.8)	87 (93.5)	0.049
6 months	98 (87.5)	87 (93.5)	0.146
12 months	101 (90.2)	87 (93.5)	0.384
24 months	100 (89.3)	86 (92.5)	0.433

REZ, facial root entry/exit zone.

Table S3 Partial relief at different follow-up time points

Follow-up time points	Partial relief, n (%)		P value
	REZ-contact decompression	REZ-non-contact decompression	
Immediate	19 (17.0)	6 (6.5)	0.022
1 week	12 (10.7)	4 (4.3)	0.088
1 month	10 (8.9)	3 (3.2)	0.095
3 months	8 (7.1)	3 (3.2)	0.351
6 months	6 (5.4)	2 (2.2)	0.297
12 months	5 (4.5)	2 (2.2)	0.4595
24 months	4 (3.6)	1 (1.1)	0.380

REZ, facial root entry/exit zone.

Table S4 Cumulative reappearance after the initial complete cure

Follow-up time points	Cumulative reappearance, n (%)		P value
	REZ-contact decompression	REZ-non-contact decompression	
1 week	17 (18.7)	7 (8.1)	0.041
1 month	17 (18.7)	7 (8.1)	0.041
3 months	17 (18.7)	8 (9.3)	0.073
6 months	18 (19.8)	10 (11.6)	0.137
12 months	21 (23.1)	10 (11.6)	0.045
24 months	23 (24.3)	12 (14.0)	0.059

REZ, facial root entry/exit zone.