

Table 1. Clinical characteristics of the involuntional patients in Groups A and B

	Group A	Group B	p value
	IRT + LTS + SME	LTS + SME	
Patients/Eyelids (numbers)	80/85	58/63	
Sex (numbers)			
Male (%)	35 (43.7)	7 (12.1)	0.001
Female (%)	45 (56.3)	51 (87.9)	
Age (years)	71.4 ± 9.3	71.8 ± 9.6	0.790
Follow-up period (months)	26.5 ± 4.6	21.0 ± 10.0	<0.001

IRT = inferior retractor tightening; LTS = lateral tarsal strip; SME = skin muscle excision

Group A (IRT + LTS + SME surgery) and Group B (LTS + SME surgery) included 80 and 58 patients respectively. There was no significant difference of age between two groups. Average follow-up period in both groups was over 21 months.

Table 2. Comparison of the surgical outcomes of the two groups

	Group A	Group B	p value
Success rate	98.8%	98.2%	1.000
Recurrence rate	1.2%	1.8%	
Complications (numbers)	2*	0	0.509
Surgery time (minutes)	26.4 ± 2.4	20.6 ± 3.9	<0.001

* Two cases of canthal deformity

LTS + SME surgery in Group B takes shorter operation time in statistical analysis and it still achieves comparable high success rate to IRT + LTS + SME surgery in Group A.