

Supplemental table 1. Demographic and clinical characteristics of patients

		Count (%), Mean (SD), Median (IQR)	
Children vs adults		135 (62.5%) vs 81 (37.5%)	
Gender (Male vs Female)		116 (53.7%) vs 100 (47.3%)	
Age (years) (Median; IQR)		10.5 (6-23)	
Amblyopia degree			
No amblyopia		114 (52.8%)	
Mild		61 (28.2%)	
Moderate		30 (13.9%)	
Severe		11 (5.1%)	
Type of strabismus (ET vs XT)		160 (74.1%) vs 56 (25.9%)	
Preoperative deviation angle (PD) (Median, IQR)	Esotropia	32 (13)	
	Exotropia	35 (15)	
Postoperative deviation angle (PD) (Median, IQR)	Esotropia	8 (10)	
	Exotropia	10 (12)	
LRM vs MRM tendon width (mm) (Mean (SD))		7.8 (0.7) vs 4.3 (0.5)	
LRM vs MRM insertion distance (mm) (Mean SD))		7.2 (0.4) vs 5.3 (0.4)	
EOM resection amount (monocular (mm)(Mean (SD)	ET	LRM	2 (3)
	XT	MRM	5.2 (2.4)
EOM recession amount (monocular mm) (Mean (SD)	ET	MRM	4.4 (1.7)
	XT	LRM	4.5 (2.1)