

**Supplementary Table 1:** Clinical details of the amblyopic group including type of fixation with the amblyopic eye (evaluated using the exact localization of their fovea while attempting to fixate monocularly on a fixation target during direct ophthalmoscopy), existence of suppression scotoma (tested using the Bagolini test), previous patching and surgical treatments received (including the deviations before and after surgery where eso = esotropia and exo = exotropia) and refractive status.

Fixation	Bagolini suppression	Previous Patching	Previous surgeries		Type of deviation	Angle of deviation				Refractive status
			Number	Age (years)		Pre - surgery		Post - surgery		
						Distance	Near	Distance	Near	
central	central	yes	0	-	R esotropia	2D eso	12D eso	-	-	none
central	central	yes	0	-	L esotropia	50-55D eso	50-55D eso	-	-	aniso-hypometropia
central	total	no	1	56	R esotropia	30D eso	25D eso	8D eso	6D eso	none
central	central	yes	2	9, 46	L esotropia	unknown	unknown	6D eso	4D eso	meridional astigmatism
central	total	yes	1	52	R esotropia	35-45D eso	45-50D eso	8-10D eso	18-20D eso	myopia
central	central	yes	2	3, 24	R exotropia	60D exo	60D exo	20D exo	25D exo	none
parafoveal	total	yes	2	4, 36	L exotropia	25D exo	16D exo	15D exo	15D exo	unknown
central	central	no	1	37	R exotropia	40-45D exo	30D exo	11D exo	14D exo	none
parafoveal	total	yes	0	-	L esotropia	10D eso	8D eso	-	-	aniso-hypometropia
central	total	yes	1	31	L exotropia	30D exo	45D exo	8D exo	5D exo	none
central	total	no	4	7, 17, 25, 26	R esotropia	45D eso	45D eso	16D eso	6D eso	hypermetropic
central	total	yes	2	1.5, 41	L exotropia	40D exo	30D exo	8D exo	5D exo	aniso-hypometropia
parafoveal	total	yes	4	26, 32, 45, 47	R exotropia	45D exo	45D exo	12D exo	20-25D exo	hypermetropia
parafoveal	total	yes	1	1	L exotropia	unknown	unknown	30D exo	35D exo	hypermetropia
central	total	no	1	51	L exotropia	40D exo	35D exo	6D exo	2D exo	hypermetropic