

Supplementary File 2. Bilateral keratoplasty outcomes.

Subject MPS Type	Age at K (Years)	Pre-K BCVA	Post-K BCVA	Follow up Time in Months	Rejection Episodes
IH	26.8	0.50 (20/60)	0.30 (20/40)	52	0
	27.2	0.60 (20/80)	0.40 (20/50)	39	0
IH	14 (DALK)	1.00 (20/200)	0.30 (20/40)	26	0
	15 (DALK)	1.30 (20/400)	0.10 (20/25)	38	0
IH/S	26	3.00 (HM)	3.00 (HM)	79	0
	28	3.00 (HM)	3.00 (HM)	54	1
IH/S	24	2.00 (CF)	0.18 (20/30)	56	4
	27	3.00 (HM)	0.18 (20/30)	23	1
IH/S	8	NR	LP	90	0
	12	NR	LP	120	0
IH/S	26	3.00 (HM)	3.00 (HM)	120	0
	29	3.00 (HM)	3.00 (HM)	84	0
IS	25.3	2.00 (CF)	0.70 (20/100)	196	3
	27.6	2.00 (CF)	0.70 (20/100)	157	0
IS	24	NR	0.10 (20/25)	96	0
	26 (DALK)	NR	0.10 (20/25)	80	0
IS	35	NR	0.30 (20/40)	156	0
	38	NR	0.30 (20/40)	120	0
IS	31	0.60 (20/80)	0.10 (20/25)	106	3
	32	0.60 (20/80)	0.20 (20/30)	94	0
IV	52	1.16 (20/280)	0.10 (20/25)	132	0
	60.1	1.30 (20/400)	0.10 (20/25)	31	0
IV	63.3	NR	0.30 (20/40)	83	0
	65.3	1.30 (20/400)	0.40 (20/50)	59	0
VI	16	LP	LP	63	0
	16	LP	LP	63	0
VI	21	3.00 (HM)	3.00 (HM)	55	0
	21	3.00 (HM)	3.00 (HM)	55	0
VI	14	LP	LP	61	Reopacified
	14	LP	LP	61	Reopacified
VI	24.4	0.30 (20/40)	0.40 (20/50)	91	1
	28.2	0.70 (20/100)	0.30 (20/40)	46	1

Abbreviations: K, keratoplasty; Pre-K, Pre-keratoplasty; BCVA, best corrected visual acuity; MPS IH, Hurler Syndrome; MPS IH/S, Hurler-Scheie Syndrome; MPS IS, Scheie Syndrome; MPS IV, Morquio Syndrome; MPS VI, Maroteaux-Lamy Syndrome, DALK, deep anterior lamellar keratoplasty; PK, penetrating keratoplasty; LP, light perception; HM, hand motion; CF, count fingers; NR, not recorded.