

Supplementary files

Supplementary Table S1: Details of reoperation cases

N	Age	Sex	Preoperative IOP	Laterality	Antiglaucoma medications	Insertion site	History	IOP at revision	Reoperation Date	Revision surgery	PreserFlo Microshunt
1	74	M	26	L		Superior 3 Temporal	IOL, vitrectomy	35	78	limbal-based incision, MMC	Retained
2	75	M	35	R		Superior 4 Temporal	retinitis pigmentosa, trabeculotomy, IOL	22	204	trabeculectomy	Removed
3	83	M	46	L		Superior 3 Temporal	IOL	20	259	limbal-based incision, MMC	Retained
4	92	F	24	R		Superior 3 Temporal	trabeculectomy, IOL	31	11	anterior chamber formation	Retained
5	71	M	22	L		Inferior 3 Temporal	IOL	25	420	limbal-based incision, MMC	Retained
6	74	M	36	R		Inferior 3 Temporal	IOL	35	250	limbal-based incision, MMC	Retained
7	75	F	24	L		Inferior 3 Temporal	Selective Laser Trabeculoplasty, trabeculotomy, IOL	23	42	fornix-based incision, MMC	Retained
8	82	F	26	R		Inferior 4 Temporal	IOL	38	94	fornix-based incision, MMC	Retained

9	90	M	37	R	4	Superior Temporal	IOL	32	98	fornix-based incision, MMC	Retained
---	----	---	----	---	---	----------------------	-----	----	----	----------------------------------	----------

IOL: intraocular lens, MMC: mitomycin C

Supplementary Table S2: Results of the Cox proportional hazard model

	Complete success 5–15			Complete success 5–18			Complete success 5–21		
	Hazard Ratio	95% CI		Hazard Ratio	95% CI		Hazard Ratio	95% CI	
		lower	upper		lower	upper		lower	upper
Age	1.00	0.99	1.01	1.01	0.95	1.08	1.03	0.96	1.10
Sex	1.01	0.95	1.08	1.00	0.99	1.01	0.92	0.33	2.53
lens status	1.00	0.99	1.01	1.00	0.99	1.01	1.13	0.28	4.48
Preoperat ive IOP	0.99	0.93	1.04	0.98	0.93	1.03	0.98	0.92	1.03
History of glaucoma surgery	1.00	0.99	1.01	1.00	0.99	1.01	1.00	0.98	1.02
Inferior insertion	0.57	0.20	1.60	0.52	0.18	1.49	0.47	0.15	1.44

	Qualified success 5–15			Qualified success 5–18			Qualified success 5–21		
	HR	95% CI		Hazard Ratio	95% CI		Hazard Ratio	95% CI	
		lower	upper		lower	upper		lower	upper
Age	1.00	0.94	1.07	1.00	0.93	1.08	1.02	0.94	1.10
Sex	1.14	0.40	3.23	1.24	0.44	3.49	1.00	0.99	1.01
lens status	0.96	0.23	3.90	1.00	0.98	1.02	1.00	0.99	1.01
Preoperat	0.99	0.93	1.05	0.98	0.92	1.05	0.98	0.92	1.04

ive IOP									
History of glaucoma surgery	1.00	0.98	1.02	1.00	0.99	1.01	0.91	0.28	3.00
Inferior insertion	0.69	0.21	2.31	0.61	0.19	1.98	0.45	0.12	1.64