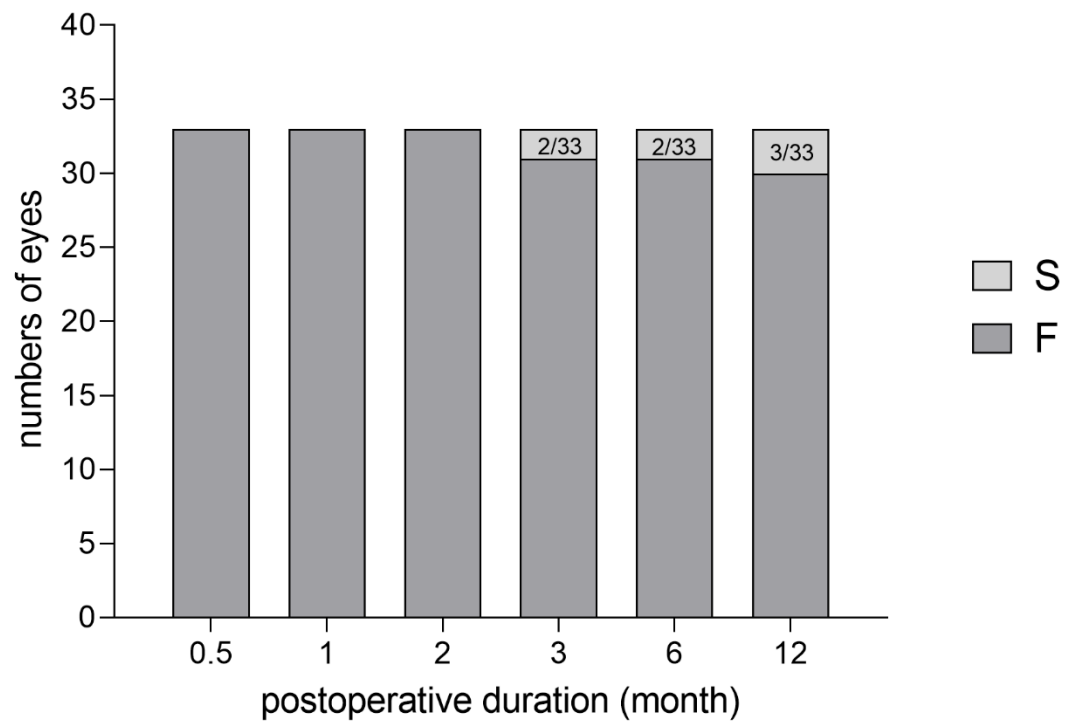




Supplemental Figure 1 Bleb types at different postoperative time points

Supplemental Table 1 Patients who received postoperative subconjunctival MMC treatment

	Age (years)	Gender	First postoperative subconjunctival MMC injection time	Total number of subconjunctival MMC injections	IOP-lowering medications used in combination	12-month IOP (mmHg)
Patient 1	45	Female	2 months	1	None	18
Patient 2	52	Male	2 months	2	Brinzolamide	19
Patient 3	38	Female	3 months	2	None	17
Patient 4	43	Female	3 months	3	Timolol, Brinzolamide	16
Patient 5	43	Male	3 months	2	Brimonidine	18
Patient 6	39	Female	6 months	3	Brimonidine	17
Patient 7	50	Male	6 months	3	Timolol, Brinzolamide	15

Supplemental Table 2 Correlation Matrix Analysis of Cavity dimensions

	0.5mo		1mo		2mo		3mo		6mo		12mo	
	r	P	r	P	r	P	r	P	r	P	r	P
Cavity-length	0.6107	2e-04**	0.5403	0.0012**	0.5358	0.0013**	0.6618	3e-05**	0.6592	3e-05**	0.6514	4e-05**
Cavity-width	0.5001	0.0030**	0.4923	0.0036**	0.6835	1e-05**	0.7528	4e-07**	0.6703	2e-05**	0.6752	2e-05**
Cavity-height	0.4777	0.0049**	0.6355	7e-05**	0.5353	0.0013**	0.4506	0.0085**	0.5548	0.0008**	0.5733	5e-04**

r = Pearson correlation coefficient; ** P < 0.01.

Supplemental Table 3 Correlation Matrix Analysis of Different Parameters and Upper Opening Width

	0.5mo		1mo		2mo		3mo		6mo		12mo	
	r	P	r	P	r	P	r	P	r	P	r	P
Cavity-volume	-0.2083	0.2447	0.0222	0.9025	0.1038	0.5652	0.1424	0.4292	0.2850	0.1080	0.2347	0.1886
Wall-thickness	-0.2726	0.1248	-0.2000	0.2644	0.2925	0.0985	0.1800	0.3162	0.4344	0.0115*	0.4747	0.0052**
Wall-intensity	-0.1949	0.2771	0.0879	0.6266	0.0542	0.7647	-0.0847	0.6393	-0.3348	0.0568	-0.2661	0.1345
Number of drugs ^a	0.0221	0.9028	-0.1246	0.4895	-0.1905	0.2884	-0.2804	0.1139	-0.2628	0.1395	-0.3833	0.0277*

r = Pearson correlation coefficient; * P < 0.05, ** P < 0.01.

^a. The number of topical IOP-lowering medications used preoperatively.