



	Table 31. Glaucoma medications in each group.		
		Glaucoma without short	Glaucoma with short
		BUT	BUT
# of medication	1	28	27
	2	7	5
	3	1	4
	Mean*	1.4 ± 0.7	1.2 ± 0.5
Frequency of instillation	1	27	27
	2	4	1
	3	3	4
	4	1	1
	5	1	3
	Mean**	1.4 ± 1.0	1.7 ± 1.3
Medications PG	Latanoprost	21	20
	Tafluprost	8	11
	Travoprost	3	3
	Bimatoprost	2	2
Fixed combination	PG/timolol	2	6
	CAI/timolol	5	6
Beta blocker	Timolol	10	15
	Carteolol	0	1
CAI	Dorzolamide	5	5
	Brinzomide	0	3
Other ^A		0	4

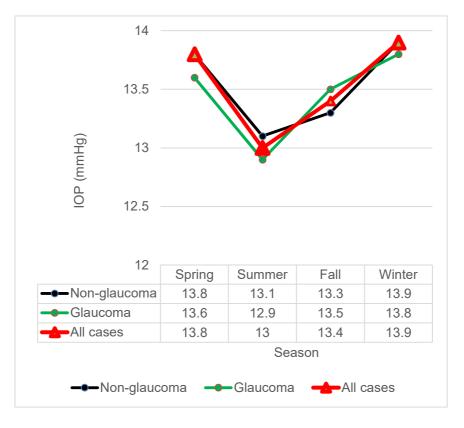
Table S1. Glaucoma medications in each group.

2 A = Brimonidine tartrate for three and ripasudil hydrochloride hydrate for one. Abbreviations; BUT, 3 tear break-up time; PG, prostaglandin analogue; CAI, carbonic anhydrase inhibitor. **P* = 0.342, ***P* =

3 tear break-up time; PG, prostaglandin analogue; CAI, carbonic anhydrase inhibitor. *P = 0.342, **P = 0.416 (Kruskal-Wallis).

5 All of prescribed glaucoma medications contained benzalkonium chloride or other preservative; 6 SofZia in travoprost eyedrop and Polyquad in fixed combination with travoprost and timolol 7 maleate. Active compounds of glaucoma medication prescribed in the present study are as follows: 8 0.005% latanoprost, 0.0015% tafluprost, 0.004% travoprost, 0.003% bimatoprost, fixed combination of 9 0.005% latanoprost and 0.5% timolol maleate, fixed combination of 0.0015% tafluprost and 0.5% 10 timolol maleate, fixed combination with 0.004% travoprost and 0.5% timolol maleate, fixed 11 combination with 0.5% timolol maleate and 1% dorzolamide hydrochloride, 1% brinzolamide, 1% 12 dorzoramide hydrochloride, 0.1% brimonidine tartrate, 2% carteolol hydrochloride, 0.4% ripasudil 13 hydrochloride hydrate, and 0.5% timolol maleate.

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Figure S1. Intra-ocular pressure (IOP) of glaucoma and non-glaucoma groups. Seasonal IOP
 fluctuation before grouping clearly indicates that seasonal IOP may be IOP behavior in short BUT
 (tear break-up time) cases as shown in Fig S1.