

0.2% Brimonidine(Alphagan) 가

= =
 0.2% brimonidine 가 2-
 , 0.2% brimonidine 가
 32 , 44
 , 0.2% brimonidine 1 3 가 1
 , 1 , 3 , 가
 가
 0.2% brimonidine 17.2±1.8mmHg , 1 13.5±
 1.6mmHg, 1 14.3±2.5mmHg, 3 13.6±2.3mmHg 0.2%
 brimonidine 21.5%, 16.9%, 20.9% 가 (p
 <0.05). 가 ,
 0.2% bri-
 monidine 가 ,
 0.2% brimonidine 가 가 0.2% bri-
 monidine 가 (41:731 ~ 736, 2000).

= Abstract =

The Additive Effect of 0.2% Brimonidine(Alphagan) to Beta-Adrenergic Receptor Blockers in Patients with Open Angle Glaucoma

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Effect and side effects of adding 0.2% brimonidine to beta blockers was studied in 44 eyes of 32 glaucoma patients with inadequately controlled intraocular pressure(IOP) with beta blockers alone. Routine eye examination and IOP measurement were performed before the additive therapy. 0.2% brimonidine eye drops were topically applied three times a day with previously used beta blockers. IOP was measured at 1 week, 1 month, and 3 months after the combined therapy. Mean IOP was 17.2 ± 1.8 mmHg before combined therapy ; 13.5 ± 1.6 mmHg after 1 week, 14.3 ± 2.5 mmHg after 1 month and 13.6 ± 2.3 mmHg after 3 months of therapy. Side effects of combined therapy were oral dryness(25.0%), ocular pain(9.4%), and blurring(6.3%). These results indicate that adding 0.2% brimonidine in patients treated with beta blockers causes a further reduction of IOP that may prove to be clinically useful in glaucoma therapy(J Korean Ophthalmol Soc 41:731~736, 2000).

Key Words : 0.2% Brimonidine, Beta blockers, Glaucoma, IOP

2-imidazoline brimonidine tartrate 6 0.2% brimonidine tartrate(Alphagan , Allergan Inc., U.S.A.)
 , apraclonidine 가 ,
 2- 1- Bri- 0.2% brimonidine
 monidine apraclonidine .
 , 가 , 0.2% brimonidine 1 3 가
 , 1 , 1 , 3 가
 , Goldmann
 2 ,
 paired t-test 가
 0.2% brimonidine 가
 가 0.2% bri-
 monidine 가
 가
 .
 1998 3 1998 12
 32 44 17~76 (56.6)
 14 19 , 18 25
 (Table 1).
 0.2% brimonidine 가 17.2