



Phacoemulsification With Foldable Silicon Intraocular Lens In Filtered Glaucoma Eyes: The Chinese Experience

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Abstract

Purpose

To investigate the methods of cataract extraction in eyes which had undergone glaucoma filtering surgery.

Method

Phacoemulsification with foldable silicon intraocular lens was performed in 32 eyes with pre-existing filtration blebs. Inferio-lateral clear corneal incisions were made in 20 eyes, lateral scleral tunnel incisions in 12 eyes.

Result

Visual acuity of all patients after surgery improved without exception, 71.88% of the eyes had corrected vision of 1.0. In most of the eyes, the post-operative IOP remained unchanged.

Conclusion

Phacoemulsification with foldable silicon intraocular lenses was shown to be effective in improving vision of cataractous eyes which had undergone previous glaucoma surgery, and yet it had no damaging effect on the filtering bleb. The inferio-lateral clear corneal incision is preferable to the lateral scleral tunnel incision in the maintenance of the integrity of filtering blebs.