

## Combined Pars Plana Vitrectomy and Primary Scleral Fixated Intraocular Lens

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### PURPOSE

To study the efficacy of combined pars plana vitrectomy with primary scleral fixated intraocular lens (IOL).

### METHODS

A consecutive 6 cases of combined pars plana vitrectomy with primary scleral fixated IOL managed at the University Malaya Medical Centre was reviewed. The indications, presenting visual acuity, complications and outcomes were analysed.

### RESULTS

4 cases were secondary to motor vehicle accident with almost total aniridia, traumatic traumatic dropped nucleus with absent or minimal posterior capsule. 2 cases were due to dropped nucleus during phacoemulsification without posterior capsule remnant. Posterior vitrectomy was carried out with primary scleral insertion of scleral fixated IOL (Alcon CZ70BD) in all. The visual acuity improved in 50% patients and they retained bestcorrected visual acuity of 0.1 or better.

### CONCLUSION

Combined pars plana vitrectomy with primary scleral fixated IOL is an effective technique for managing eyes with almost total aniridia with minimal posterior capsule.