

Outcome of Refractive Lens Extraction with IOL Implantation in High Myopia

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Abstract

Aims: To determine visual outcome of relatively clear lens extraction for correction of myopia and observe the complications of this surgery.

Methods: The study included 20 eyes of patients diagnosed as myopia meeting the inclusion criteria. Prophylactic 360° laser was applied to the peripheral retina of all the patients and phacoemulsification or lens aspiration was done by the same surgeon. Post-operative BCVA and slit lamp examination was done on each visit. Paired sample t-test was used to assess pre & post op VA. All statistical calculations were done using the SPSS 21.0

Results: There was a marked improvement in post op visual acuity with P value < 0.000 which is highly significant. Residual myopia was around -2.50 in all the cases.

Conclusion: Lens extraction with posterior chamber IOL implantation for correction of high myopia has an excellent visual outcome. *Al-Shifa Journal of Ophthalmology 2015; 11(1): 24-28.* © Al-Shifa Trust Eye Hospital, Rawalpindi, Pakistan.
