

## **ABSTRACT**

### **Use of Fresnel Prism in the Management of Diplopia**

***Samina Naseer, D optom, D Orthoptics, OJT Orthoptics (UK), Sarah Iqbal, D optom, D Orthoptics***

**Purpose:** To highlight the use of Fresnel prism for the successful management of diplopia

**Study design:** Case report

**Participant:** A 40 years male patient presenting with diplopia after cataract extraction

**Discussion:** Diplopia or “double vision” is one of the most agonizing and troublesome visual disorder one can experience. It causes hindrance in routine life of the patient as it did for the young patient on whom this case study was performed. His ability to walk and perform routine activities was severely affected. The patient was examined in detail, his follow-up orthoptic assessment was performed at 7 and 9 weeks. The diplopia was brought to normal by the regular use of Fresnel prism. At Orthoptic unit of Al-Shifa Trust Eye Hospital, Rawalpindi, during one year, 72 patients of diplopia were managed with Fresnel prism. Out of these, 60 achieved binocular single vision.

**Conclusion:** Diplopia can be successfully treated by using Fresnel prism. *Al-Shifa Journal of Ophthalmology* 2006; 2(2): 82-86 © Al-Shifa Trust Eye Hospital, Rawalpindi, Pakistan.