ABSTRACT

Use of Fresnal Prism in the Management of Diplopia

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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.