

Importance of Eye Donation and Eye Bank in Eye Health care Services

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Abstract

Here we are going to discuss about the importance of Eye Donations and Eye banking in Indian perspective. As it is a fact that India is a developing state and people are not as much concern about their health as in developed countries.

If we talk about the demand and supply of the corneas, a huge gap is there and this situation has worsen in past two years due to Covid19

Keywords: Corneal Ulcer; Therapeutic Keratoplasty; Vegetative Injury and Lime Burl

Abbreviations

As India is an agriculture country and farming is a big industry here. During farming many times people receive eye injuries which causes corneal ulcer later if left untreated. Corneal ulcer case cause opacity on cornea as well as severe corneal problem with perforation and ultimately the infected eye has to be removed.

Introduction

Here is a case of a non healing fungal corneal ulcer followed by an injury with a vegetative material. Whole cornea was involved when patient visited in our emergency. Impending corneal perforation condition was there. On examination patient was advised to remove the infected part and replace with a donated cornea. Fortunately cornea was available in our eye bank and therapeutic penetrating keratoplasty surgery was performed.

There is one more type of condition Lime burn, in this condition cornea start melting and perforation could be resulting. Lime burn or alkali burn case are being treated with Corneal transplant along with Amniotic membrane grafting with satisfactory results and vision restoration.

Materials and Methods

Routine Equipments like Slit lamp and Operating Microscope with surgical instruments set for Corneal transplantation.

Results and Discussion

Early surgical interventions gave satisfactory results in terms of good contour of Cornea, resolved inflammation and we could save that eye. It could have been possible only because of availability of the cornea. This shows the importance of the cornea in Eye care and we should spread the awareness about the Eye Donations to reduce the burden of corneal blindness [1,2].

Figure 1

Conclusion

We have started awareness campaign about Corneal blindness and Eye Donations to reduce the gap between demand and supply.

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Conflict of Interest

There is no conflict about it.

Financial Interest

There is no financial interest to do the study.

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