



## 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 concerned 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 worsened in the past two years due to Covid-19.

**Keywords:** Corneal Ulcer; Therapeutic Keratoplasty; Vegetative Injury and Lime Burn

### Abbreviations

As India is an agriculture country and farming is a big industry here. During farming many times people receive eye injuries which cause corneal ulcers. Later, if left untreated, corneal ulcers cause opacity on the cornea as well as severe corneal problems 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. The whole cornea was involved when the patient visited in our emergency. Impending corneal perforation was there. On examination, the patient was advised to remove the infected part and replace it with a donated cornea. Fortunately, a 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, the cornea starts melting and perforation could be the result. Lime burn or alkali burn cases 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 the cornea, resolved inflammation and we could save that eye. It could have been possible only because of the availability of the cornea. This shows the importance of the cornea in eye care and we should spread the awareness about eye donations to reduce the burden of corneal blindness [1,2].

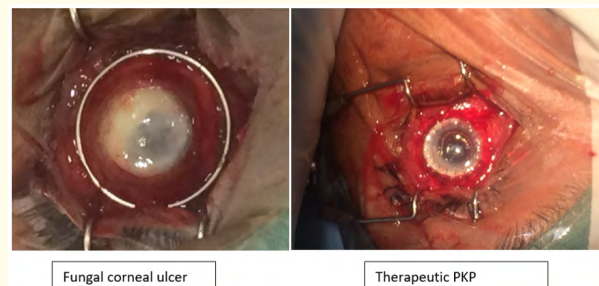


Figure 1

## 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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