

•Eye donation :- myths & facts



Public awareness series by Rajasthan Ophthalmological Society

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Eye Donation (Cornea Donation) Pathway from Darkness to Light

Let your "Eyes" live when you leave...



❑ CAN YOU IMAGINE LIFE IN DARKNESS



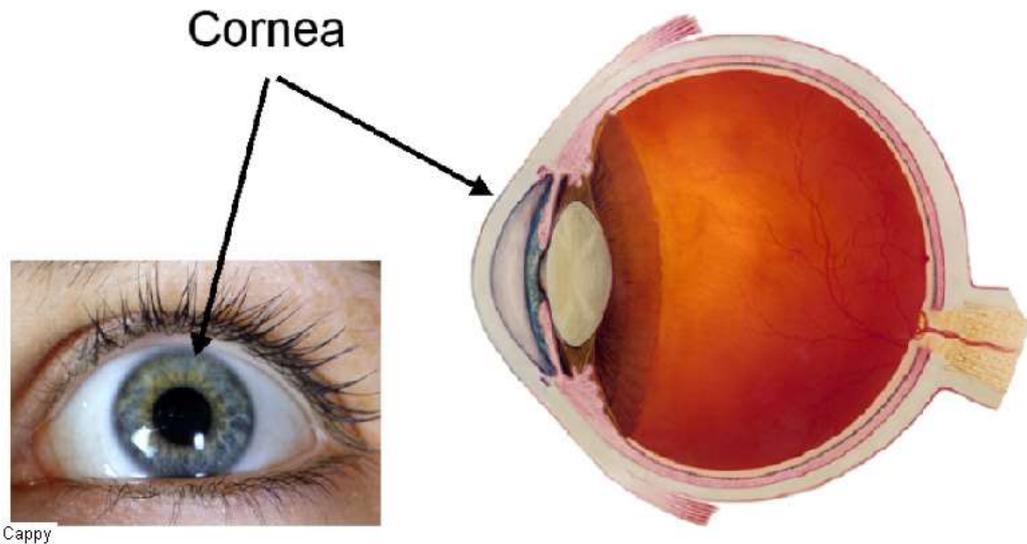
**IT IS SCARY ...
YOU JUST CAN'T IMAGINE LIFE
WITHOUT EYES ...**

EYES ARE PRECIOUS ...



Introduction

- Cornea is the outer transparent layer of the eye .
- It serves as a window to allow entry of light in the eye .
- Vision becomes dramatically reduced or lost if cornea becomes cloudy .



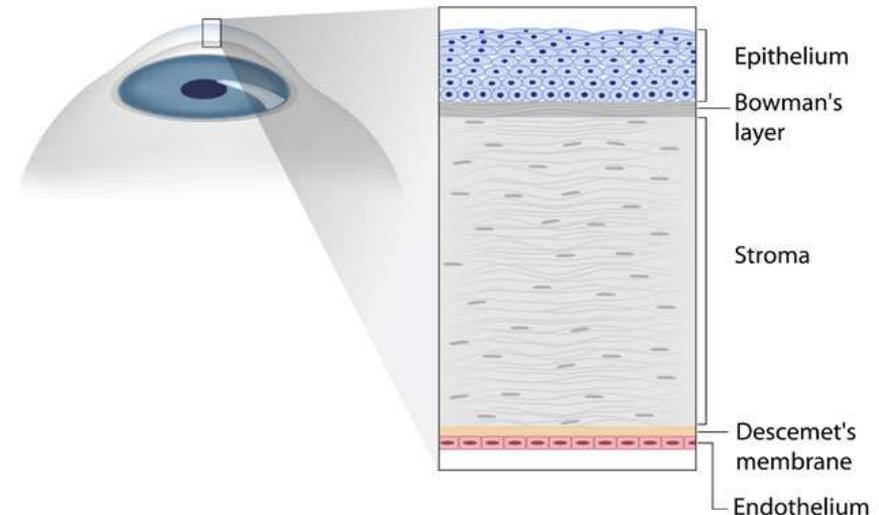
Importance

- ❖ It can not be produced in laboratory .
- ❖ There is no artificial replacement of cornea.
- ❖ Only source



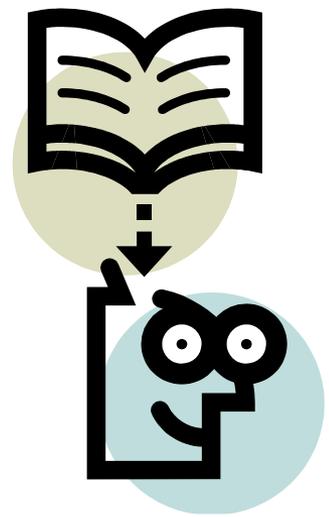
**Donated Human
Eyes**

Structure of the Cornea



Magnitude of Problem

- ❖ No authorised surveys .
- ❖ Blind population in India – 30% of Global Blindness
- ❖ About 1,20,000 people are suffering from corneal blindness.
- ❖ 40 -50 Thousand cases are added every year.
- ❖ 2013-14 report- 52000 eyes were donated out of which 56% were used for transplantation.



Eye Bank Association Of India

Target



1 lakh transplantations /year by 2020

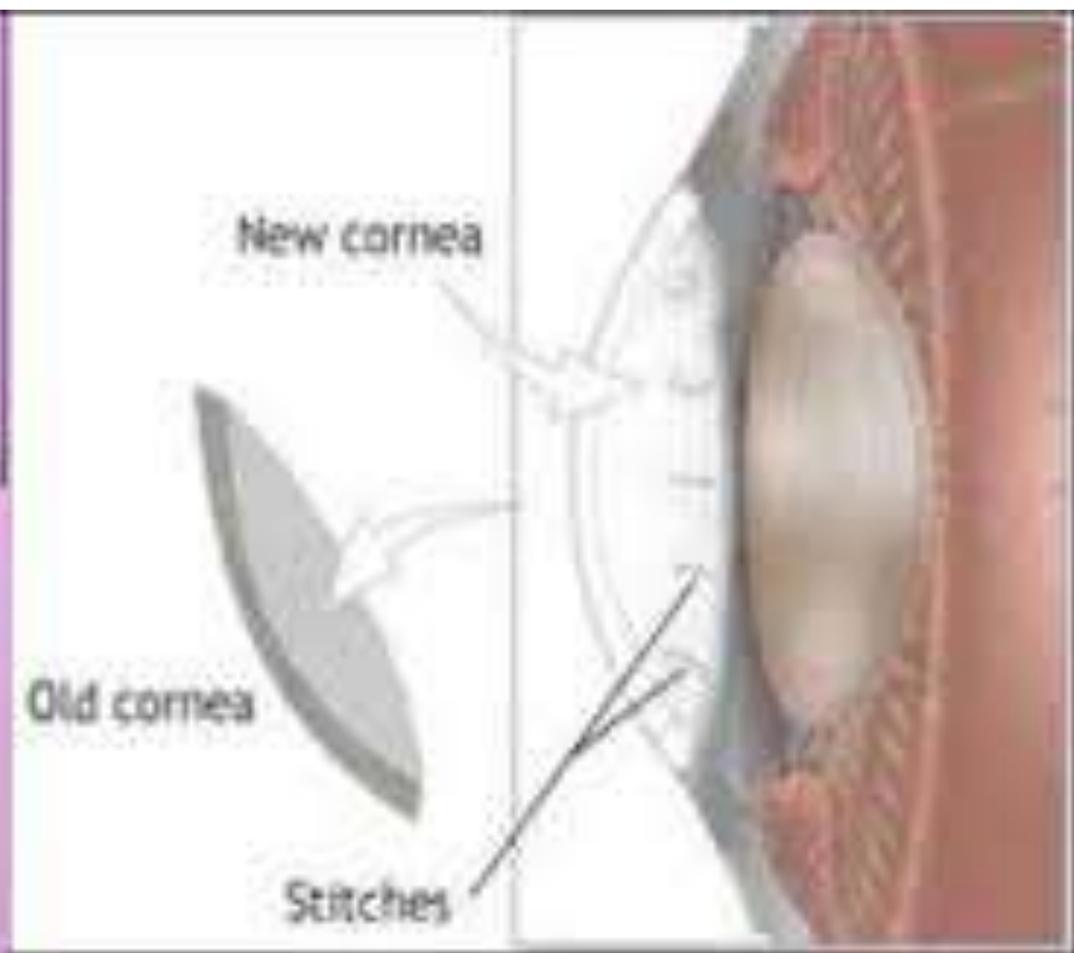
Cause of corneal Blindness

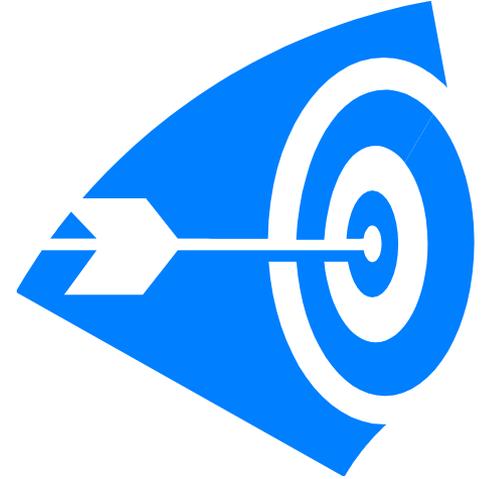
Mainly affect children & young adults who have a long life ahead.

Causes:

- ✓ Injuries
- ✓ Infections
- ✓ Vitamin A deficiency
- ✓ Chemical Burns
- ✓ Postoperative Complications
- ✓ Congenital & Genetic conditions .







- ❖ Optical – To improve vision
- ❖ Tectonic – To restore corneal integrity in eyes
- ❖ Therapeutic – Facilitates removal of infected corneal tissue in eyes unresponsive to antimicrobial therapy.
- ❖ Cosmetic – To improve the appearance of the eye

Recognition



Action

- ❖ Take /Send the patient to Eye specialist
- ❖ If needed surgery will be done by cornea specialist.

Facts (We Should Know)

- ❖ Eye donation can be done within 6 hours of death.
- ❖ By eye donation 2 living persons get the benefit.
- ❖ Family can donate the eyes of their dear departed even if it has not been pledged before.



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No age bar

PEOPLE AGES
CONCEPT



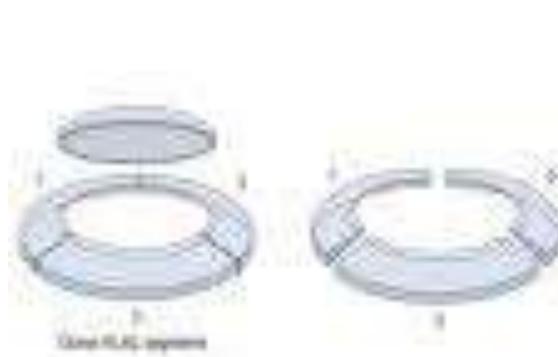
No Gender Bar



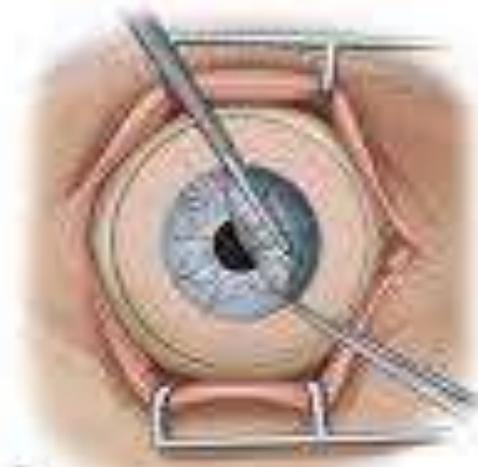
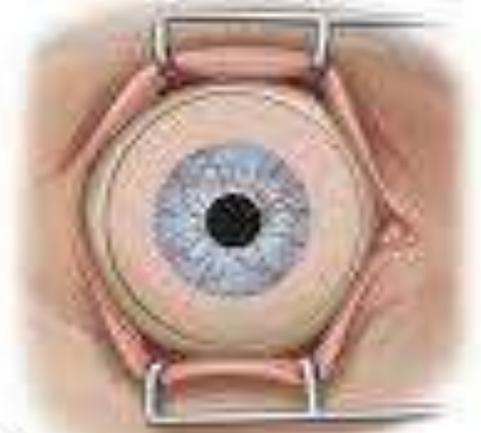
All religions give permission for eye donation



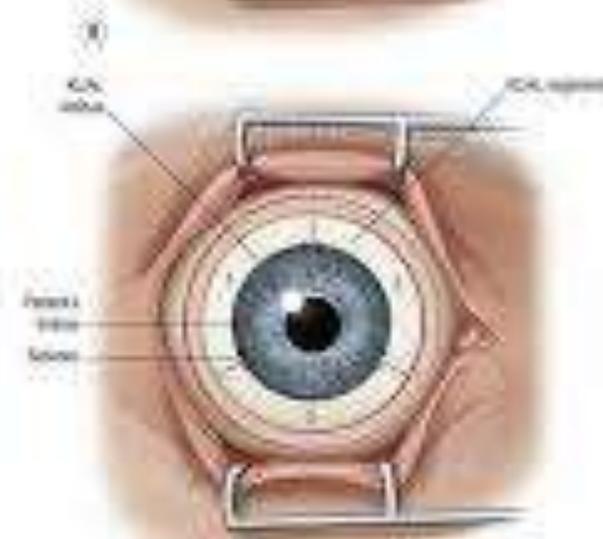
No defect on the face after eye donation .



(A)



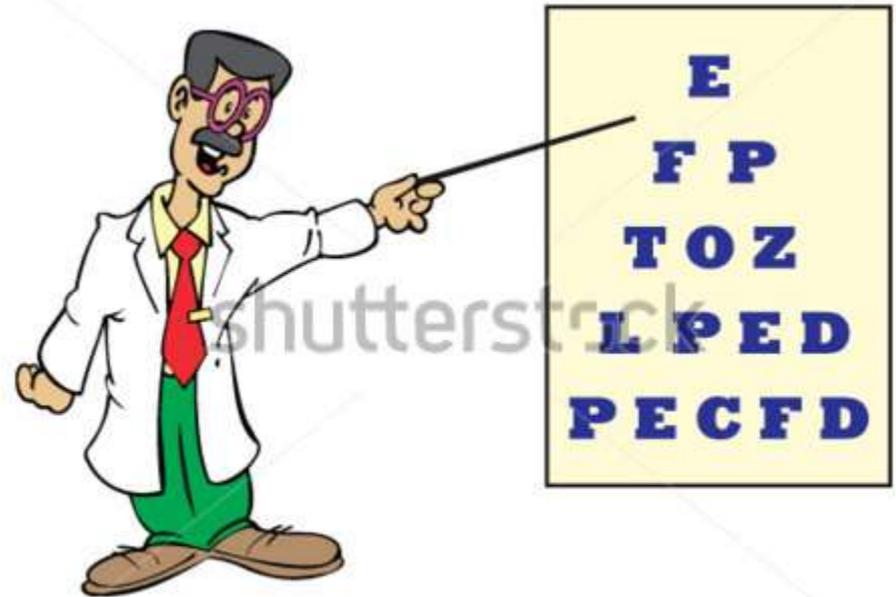
(B)



(C)

Do's :

- ❖ Eye donation process takes only 15 to 20 min so it doesn't cause any delay.
- Keep moist cotton /moist cloth over the closed lids of the person.
- Place a pillow beneath his head.
- Stop the fan



- ❖ Relatives of the patient are not supposed to go anywhere .
- ❖ No expenditure of the eye donation .
- ❖ Eye can neither be purchased nor be sold {It's ILLEGAL}.
- ❖ 10 cc of blood is collected from the body for testing



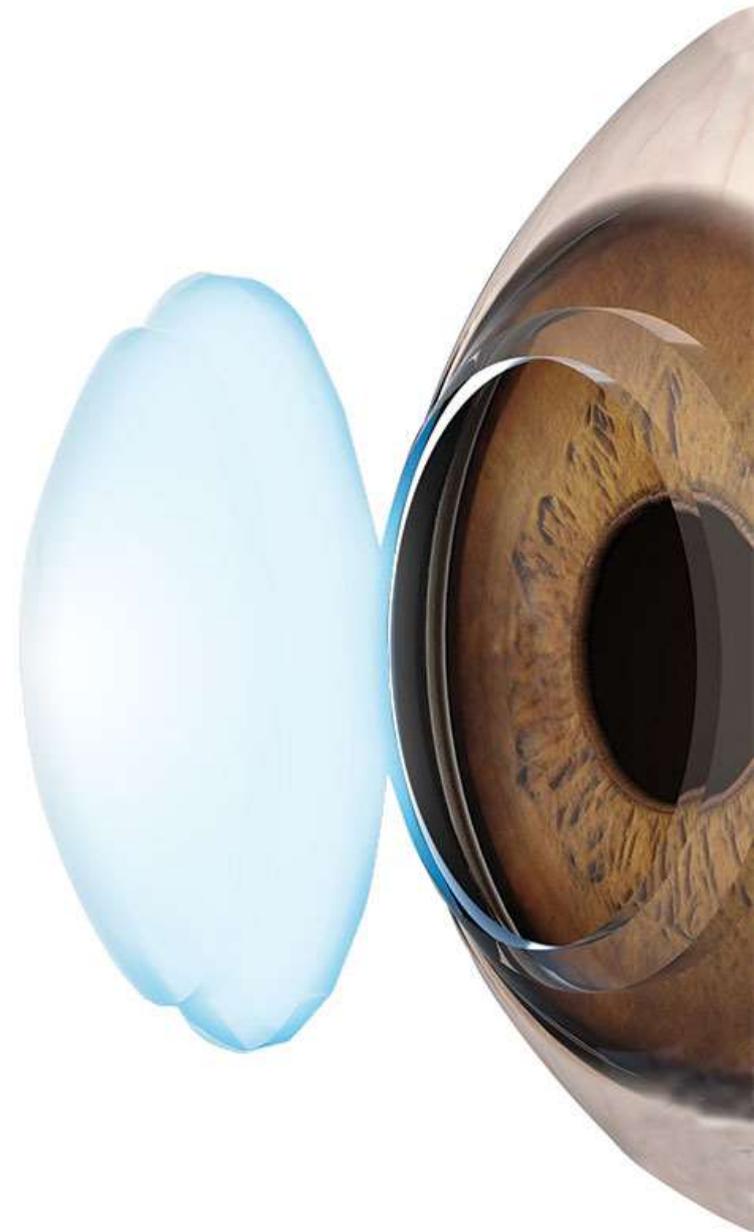
Who can donate the eyes:

- Wearing spectacles
- Undergone cataract surgery
- DM
- HTN
- Asthma

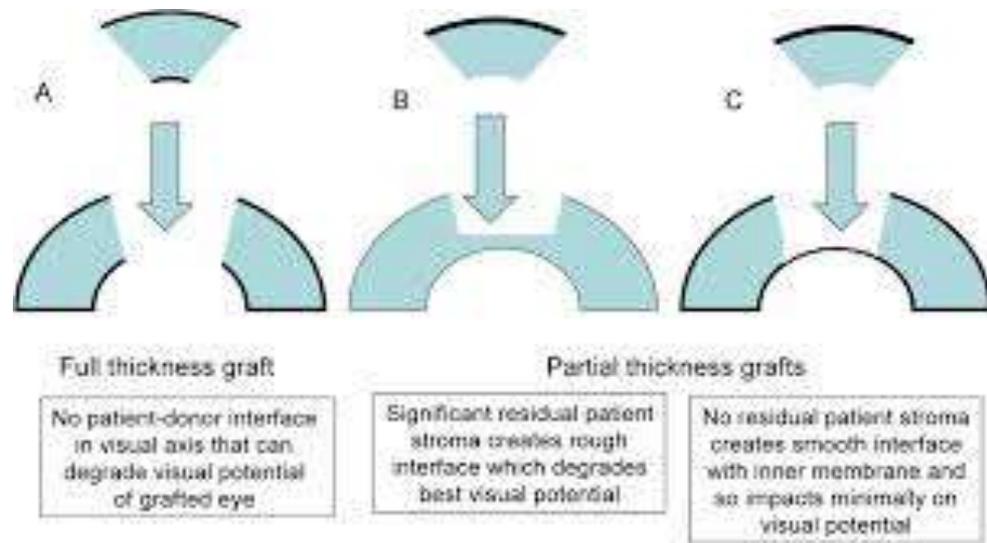
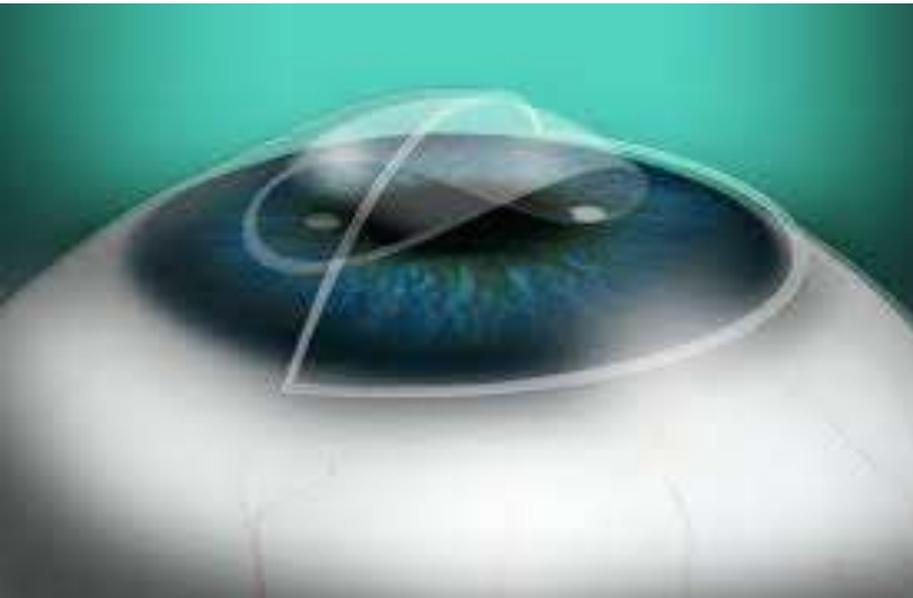


Who canNOT donate the eyes:

- ❖ AIDS
- ❖ Hepatitis B & C
- ❖ Rabies
- ❖ Septicemia
- ❖ Syphilis
- ❖ Tetanus
- ❖ Active Meningitis
- ❖ Active Encephalitis
- ❖ If the patient was on ventilator for more than 72 hours.
- ❖ Death of unknown cause



Future



What can you do?

- ❖ Learn about Eye Donation .
- ❖ Pledge to Donate your eye.
- ❖ Encourage people around you to pledge.
- ❖ Let eye donation become a tradition in your family.



Do not burn !

Do not bury!!

**Donate
Eyes!!!**



- An education initiative by Rajasthan ophthalmological society executive (2019-2021)



Thank You