

CORNEAL BLINDNESS



- 1.5 Million Indians suffer from Corneal Blindness
- Increasing at the rate of 30000 every year.
- Corneal Blindness affects mainly children and young adults who have a long life ahead of them.

IS THERE ENOUGH?..



- On an average around 1 lakh corneas are needed in India every year.

ONLY 15,000 usable corneas were collected last year.



WE BURN OR BURY.....



**WE BURN OR
BURY**

**75 LAKH
PAIRS**

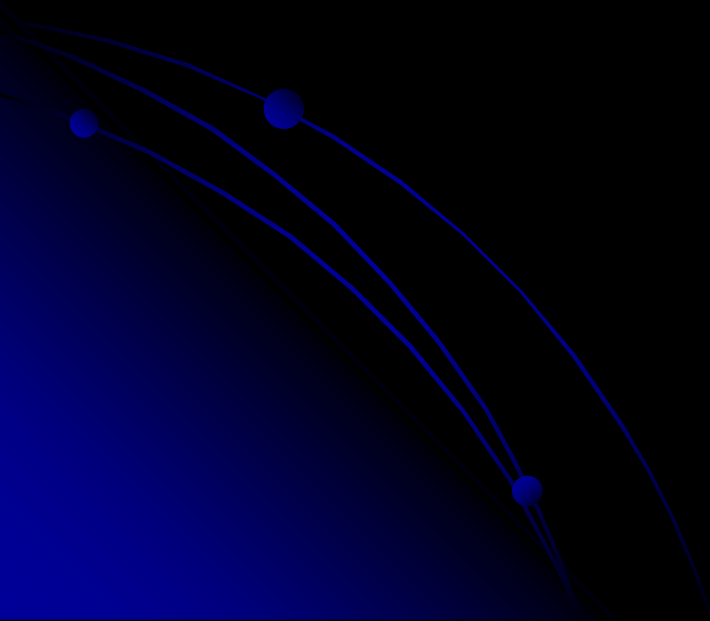
OF EYES.....

**1.5 Million
EYES...**



WE BURN OR BURY.....

LEAVING THE **1.5 MILLION** CORNEAL
BLIND PERSONS TO LIVE IN **DARKENESS**



WAITING FOR THE GIFT



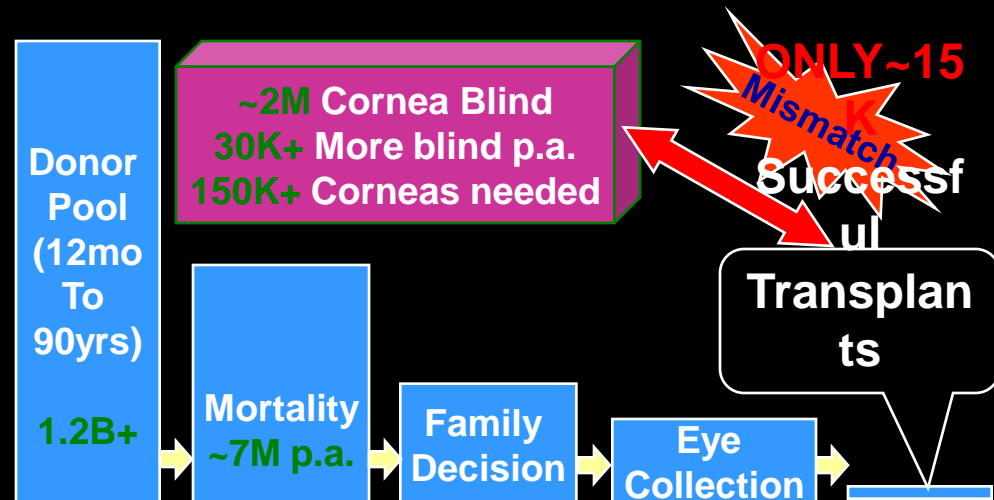
Because of this huge shortfall of donor eyes in India there is a long list of waiting patients.

Genesis of **Nayana Jyothi**

- India has **Lakhs** of needy recipients awaiting corneas
- **Millions** of corneas become available every year
- Corneas are an easy and compelling donation to make
- The transplant procedure is straightforward and scalable
- Doctors, Hospitals, Eye banks, NGOs and media are doing good work
- Treatment of cataract is widespread and extremely successful
- India has a long humanitarian tradition and strong volunteer base
- Lot of support available from government, corporations and individuals
- India has deep technology expertise that could add great value

Then why is there such a huge disparity (>1000x) between the number of cornea blind and successful transplants?

What can be done to address this and give Sight to waiting recipients, esp. poor and rural?





THE NEW APPROACH

**GIVE YOUR EYES
LATER..**

BUT GET EYES..NOW!



**WE ALL HAVE ONLY ONE
OPPORTUNITY TO
DONATE OUR OWN EYES.**

**BUT WE HAVE MANY
OPPORTUNITIES TO
REACH AN EYE DONATION
POSSIBILITY TO AN
EYE BANK.**

Nayana Jyothi Trust
Bangalore

<http://www.nayanajyothi.org/>



**LIVE HUNDRED
YEARS...
GET AS MANY EYES!**

Nayana Jyothi Trust
Bangalore

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WHAT CAN YOU DO?

Become
A
SIGHT
AMBASSADOR





WHAT CAN YOU DO?

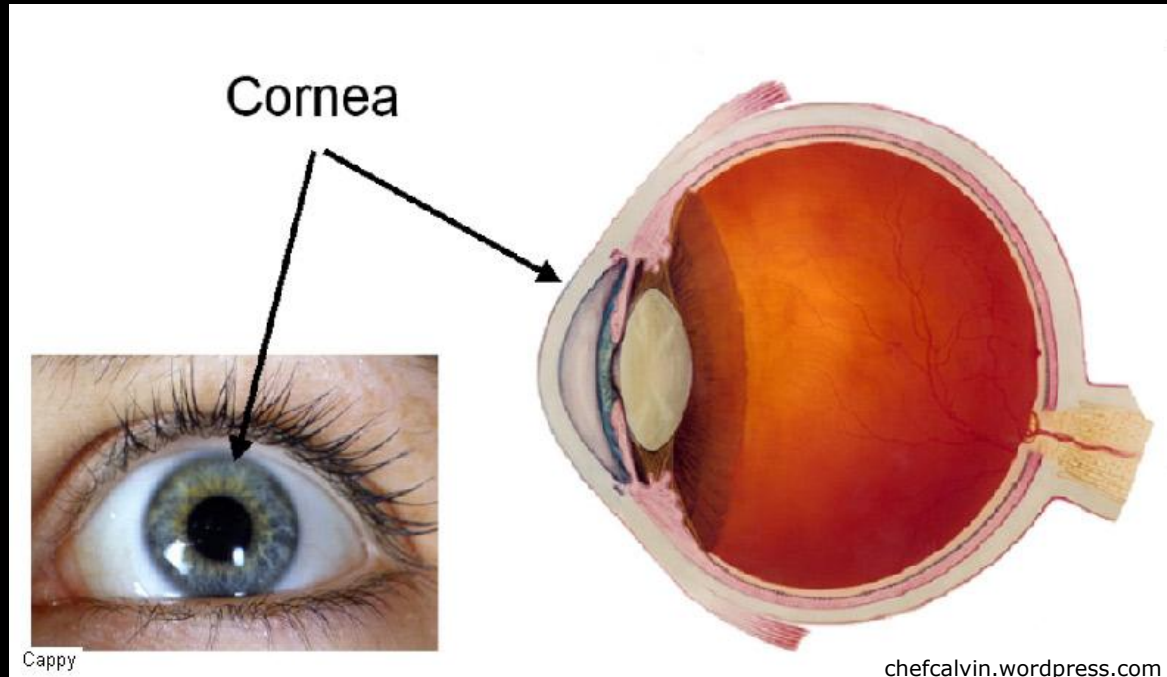
Do not burn !

Do not bury!!

Donate Eyes!!!

1. Learn about Eye Donation.
2. Pledge to Support Eye Donation Movement.
3. Encourage people around you also to Support.

EYE DONATION

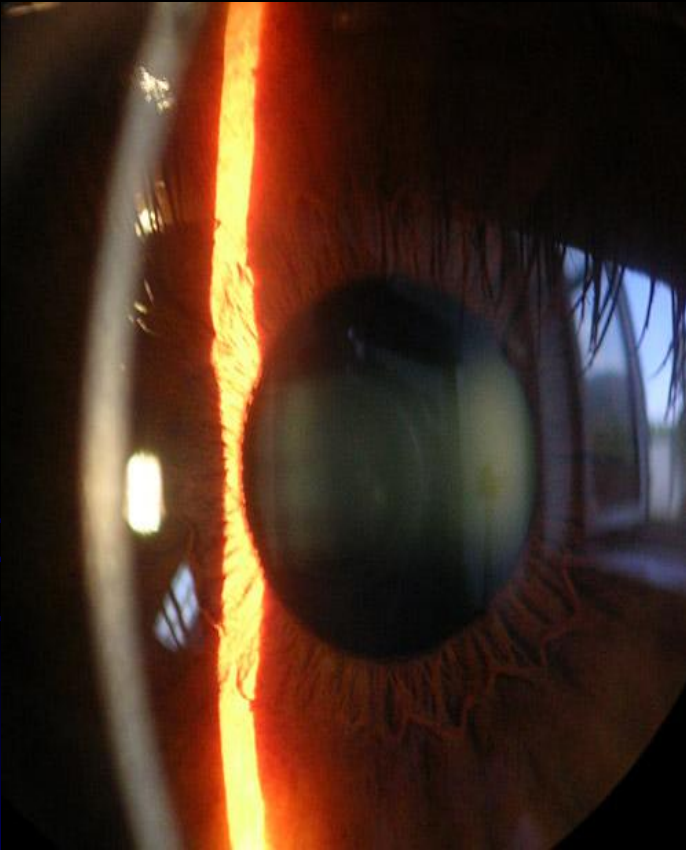


Cornea is the clear, transparent, tissue covering the front of the eye. It serves as a window to allow light to enter the eye. Vision will be dramatically reduced or lost if the cornea becomes cloudy due to disease, injury or infection.

MAIN CAUSES

Main causes of Corneal Blindness:

- Injuries
- Malnutrition
- Infections
- Chemical burns
- Congenital disorders
- Post operative complications

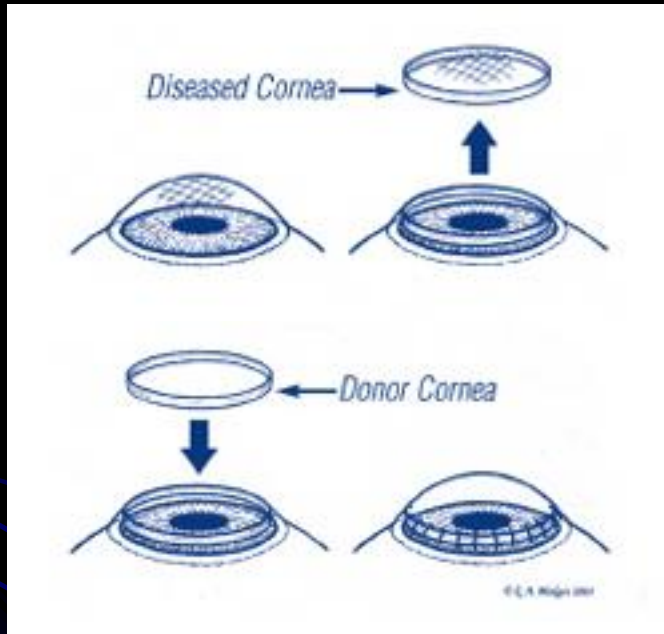


NOT EVERYTHING IS LOST



- Fortunately lost sight due to corneal defects can be restored through corneal transplantation.

CORNEAL TRANSPLANTATION



- This is a procedure in which the cornea of donor eye is grafted to replace the diseased cornea of the patient.
- A significant proportion of blind patients can have their sight restored through corneal transplantation

WHO CAN DONATE EYES...



- People who wear spectacles
- People suffering from:
 - Diabetes
 - Asthma
 - High blood pressure
 - Tuberculosis
- **Patients who have undergone cataract surgery can also donate eyes.**



WHO CAN DONATE EYES...



- Age does not matter.
- Gender does not matter.
- Families can donate the eyes of their dear departed even if it has NOT been pledged before.



WHO CAN DONATE EYES...



- All religions endorse the practice of eye donation.

WHO CAN'T DONATE EYES..



People suffering from:

- Hepatitis
- AIDS
- Encephalitis
- Rabies
- Septicemia (bacteremia, fungemia, viremia)
- Retinoblastoma
- Laser photo ablation surgery
- Leukemia
- Lymphoma
- Creutzfeldt-Jacob syndrome

Consult with your physician if you are fit to be a donor



EYE DONATION PROCEDURE

- Eyes can be donated **ONLY** after death. Contact nearest Eye Bank as soon as possible.
- Eyes must be removed **within 4-6 hr** after death
- A small quantity of blood is drawn to **rule out** communicable diseases.



EYE DONATION PROCEDURE

- Eye bank team will remove the eyes **either** at the **hospital** or at the **home** of the deceased.
- Eye removal **DOES NOT** delay funeral as the entire procedure takes only **20-30 min.**
- The identities of the donor and the recipient are kept **confidential** by law.



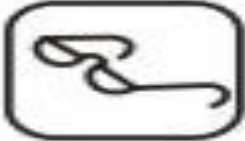
AFTER DONATION...

- The donor's family receive a **certificate of appreciation** from the Eye Bank.
- Eyes are **evaluated** at the Eye Bank and only the ones deemed suitable are used for **transplant**. Others are used for **research and education**.
- Corneal transplantation should be done within **2 – 3 days** post-removal.
- Recipients are notified on a **first come first serve** basis from the registry. **TWO** people gain sight from **ONE PAIR** of donated eyes.

REMEMBER....



**Age, sex, race or religion is no bar.
Keep informed close relatives about
your desire to donate.**



**Wearing glasses, cataract, certain
eye problems or blood group does
not affect eye donation.**



**On death, inform eye bank immediately.
Donation must be within 6 hours of death.**



**Close eyes and place wet cotton over lids
(to keep cornea moist & healthy).
Switch off fans.**



**Removal takes only about 20 minutes.
No special room necessary.
No disfiguration is caused.**



**Donated eyes are never sold/used otherwise.
Two persons gain sight.**



Why destroy a gift ? Donate



**ARE YOU READY
TO BECOME A
SIGHT
AMBASSADOR....
TO SUPPORT THE
EYE DONATION
MOVEMENT?**



PLEDGE THROUGH USING SMS:

Eye<space>**Name**<space>**Place**

**SMS to 9944313131 or
9844440404**



PLEDGE THROUGH USING SMS:

1. Type **Eye**.
2. Give a space.
3. Type your **NAME**.
4. Give a space.
5. Type **Place**.

**SMS to 9944313131 or
9844440404**



Sample Pledge

Eye<space>Jaya<space>Mysore

SMS to 9944313131



To Pledge through Mobiles:
m.nayanajyothi.org.

To pledge through ONLINE:

<http://www.nayanajyothi.org/>

NAYANAJYOTHI TRUST



**"There is no lovelier way to thank
God for your sight than by giving a
helping hand to those in the dark."**

- Helen Keller



THANK YOU!

Nayana Jyothi Trust
Bangalore, India

<http://www.nayanajyothi.org/>