Cornea Transplant India Cornea Eye Transplant in India at Affordable Cost, Mumbai Delhi by Pankaj Nagpal

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cornea tranplant india

A cornea transplant, which replaces damaged tissue on the eye's clear surface, also is referred to as a corneal transplant, keratoplasty, penetrating keratoplasty or corneal graft.1

The cornea has in effect become a Not Good window which cannot be treated with medication and a new cornea must be provided to restore vision. Some of the conditions that may require corneal transplant surgery include: keratoconus, corneal pacification or dispensation as a result of trauma or disease, and corneal decompensation (bulbous keratopathy) as a result of previous intraocular surgery.

A Corneal transplant surgery becomes necessary when the vision deteriorates to the point where the sight can no longer be improved sufficiently with glasses or contact lenses and medical treatment may no longer be able to relieve any pain. A corneal transplantation can correct vision loss , reduce pain and improve the appearance of a diseased or damaged cornea.

Corneal transplantation / keratoplasty/ corneal grafting is the surgical procedure that restores sight in patients suffering from corneal blindness. In this surgical procedure , the diseased opaque cornea is replaced by a clear healthy donor corneal tissue which restores sight by allowing the light rays to enter the eye through transplanted clear cornea. This procedure of corneal grafting is possible only on the availability of donor cornea by process of eye donation. By donating eyes after death a human being can restore sight to a blind person. This gift of sight is invaluable for these visually handicapped persons.

Risks in Corneal Transplant Surgery

As with any eye surgery, there is the possibility of loss of sight in the eye, loss of the entire eye or possible loss of life due to abnormal reactions to anesthesia. The risks are very small, but it is very important that you be aware that risks exist as with ant other surgical procedure.

A cornea transplant may also be called a corneal transplant, a corneal graft, penetrating keratoplasty or keratoplasty. The corneal graft is a procedure that repairs or replaces damaged corneal tissues caused by injury or disease. In many cases, individuals undergoing such procedures are restored to fully functional vision.

Preparing for a Corneal Transplant

The corneal replacement surgery can take place only once a donor is found.

Routine laboratory tests, blood tests, and X-rays are performed.

The ophthalmologist examines the eye in detail, and discusses the various surgical options available to the patient.

Risks and Limitations

The greatest risk with corneal transplants is rejection, although this can be treated with

immunosuppressive medicine if caught in the early stages. Other risks that are much less prevalent but do occur are infection, bleeding, swelling or detachment of the retina, or glaucoma. All of these medical complications can be treated. Another type of problem that can happen with the transplant is an irregular curvature (astigmatism) that can slow the development of clear vision. This can be treated with Rigid contact lenses.

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This article was written by Pankaj Nagpal at We Care India Hospital group. This article contains about a cornea tranplant india India
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