

## FREQUENTLY ASKED QUESTION

### When is the best time to treat cataracts?

Many people believe cataracts have to be 'ripe' before they can be removed. This is no longer true. Today cataract surgery is a routine procedure that can be performed as soon as your vision interferes with quality of your life.

### What happens if cataracts go untreated ?

Over time, the clouded areas of your lens can become larger and more dense causing your sight to become worse, this could take anywhere a few months to many years. Eventually your entire lens can cloud over leading to blindness.

### How do I know which lens implant is right for me ?

No single lens works best for everyone and only your ophthalmologist can determine the most appropriate option for you

### Can cataracts come back ?

Once a cataract has been removed it cannot return. However, over time some patients may complain that their vision has once again become cloudy. This condition is known as secondary cataract. It can be easily and rapidly treated by a simple laser procedure performed in the office.

### How successful is cataract surgery ?

Cataract surgery has an overall success rate of 98% or greater. Continuous innovations in techniques and instruments have made the procedure safer than earlier.

**Your surgeon / counselor would be happy to answer your further questions.**



An ISO 9001: 2008 Certified Eye Hospital

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## CATARACT SURGERY

can bring clarity to your lifestyle experience

Advances in eye surgery can make sure that  
life doesn't pass by you in a blur..

**Healthy Eye**



**Eye with Cataract**



## WHAT IS CATARACT?

A cataract is a clouding of the natural lens inside your eye. This lens, located behind the iris, works just like the lens of a camera-focusing images on the retina, which sends images to the brain. The human lens can become so clouded that it can keep light and images from reaching the retina.

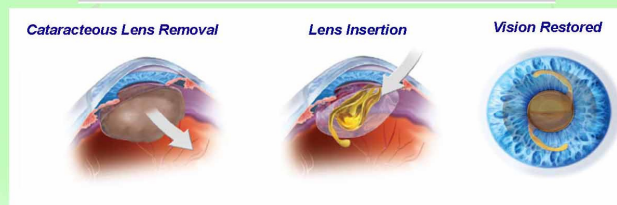
## WHAT IS THE ACRYSOF TORIC IOL?

A cataract can be the reason sharp images become blurred bright colour become dull, or seeing at night is more difficult. It may also be the reason why the reading glasses or bifocals that used to help you read or do other simple tasks no longer seem to help. Vision with cataracts has been described as seeing life through old, cloudy film

## CATARACT SURGERY : CLARITY IN THE BLINK OF AN EYE

The cataract surgery procedure is very common. The surgeon makes a tiny incision on the side of the cornea, removes the eye's clouded natural lens (using a procedure known as phacoemulsification) and then replaces it with an artificial 'Intraocular Lens' (IOL). Because the incision is very small, stitches are not required and the eye heals quickly. In majority cases no complications occur. Modern cataract surgery is a very safe outpatient procedure that barely takes about 15 to 30 minutes. Fortunately, you have encountered cataract at a time when intraocular lens technology has taken great leaps of progress. Your choice of IOL will depend on your eye condition and your visual needs after the surgery.

Cataract Surgery : IOL being implanted inside the eye



## What is an IOL?

An Intraocular lens (IOL) is the replacement lens that is surgically implanted in the eye to replace the existing natural clouded lens during cataract surgery. Traditionally, the replacement lens used for cataract surgery was a monofocal IOL. This type of lens restored good functional distance vision, but people still needed to continue wearing reading glasses.

## HOW CAN THE ACRYSOF IQ LENS HELP?

Most eyes contain slight imperfections that are often referred to as aberrations. One type of aberration common to cataract patients is called a spherical aberration, which can cause a gradual reduction in image quality and visual function.

The AcrySof IQ lens is designed to reduce spherical aberration, increase contrast sensitivity, and improve functional vision. The overall result is enhanced clarity and image quality. AcrySof IQ lens has a yellow chromophore which filters hazardous blue light in order to protect the retina. This is similar to that of modern-day players using yellow-tinted goggles while playing in the sun.

The AcrySof Toric Intraocular lens (IOL) replaces your eye's natural clouded lens during cataract surgery. It has the ability to reduce or eliminate corneal astigmatism at the same time it corrects cataracts. The result is typically improved distance vision, and less dependence on spectacles. However, most patients still require corrective lenses.