

## Cataract surgery Agrawal Eye Hospital

We at Agrawal eye hospital do most of our cataract surgeries under topical anaesthesia that is without an injectable anaesthetic. The surgeries are done using Constellation Phacoemulsification machine by Alcon. The constellation machine uses ozil technology to emulsify and remove the cataract. After removal of the cataract, a foldable lens is implanted through a self-sealing sub 2.2 millimetre incision.



Constellation Phacoemulsification  
machine

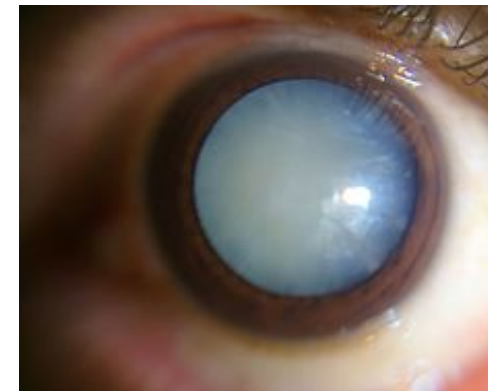
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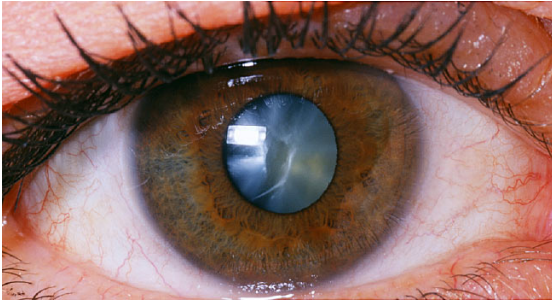


Agrawal Eye Hospital  
Sanjeevani LASIK Centre

# Cataract

Patient education  
Leaflet





## What is Cataract?

Inside our eyes, we have a natural lens. The lens bends (refracts) light rays that come into the eye to focus them on the retina and help us see. The lens should be clear. But if you have a cataract, your lens has become cloudy. It is like looking through a foggy or dusty car windshield. Things look blurry, hazy or less colorful with a cataract.

## What are symptoms of a cataract?

Here are some vision changes you may notice if you have a cataract:

- Having blurry vision
- Seeing double (when you see two images instead of one)
- Being extra sensitive to light
- Having trouble seeing well at night, or needing more light when you read
- Seeing bright colors as faded or yellow instead.

## You may be able to slow down your development of cataracts.

Protecting your eyes from sunlight is the best way to do this. Wear sunglasses that screen out the sun's ultraviolet (UV) light rays. You may also wear regular eyeglasses that have a clear, anti-UV coating.

Keeping the body healthy also helps. Uncontrolled diabetic patients have early development of cataract.

## What are causes of cataract?

The most common reason for cataract to form is age. It is similar to greying of hair. With age, the clear lens proteins change and become less transparent.

Other causes of cataract are

- Injury to eye
- Side effect of medication
- Radiation
- Uncontrolled diabetes
- Secondary to high pressures inside eye or swelling inside the eye

## How are cataracts treated?

Cataracts can be removed only with surgery.

If your cataract symptoms are not bothering you very much, surgery can be postponed. You might just need a new eyeglass prescription to help you see well. You should consider surgery when cataracts keep you from doing things you want or need to do.

## How does cataract surgery work?

Cataracts are a very common reason people lose vision, but they are treatable.

During cataract surgery, we remove your eye's cloudy natural lens. Then it is replaced with a clear artificial lens. This new lens is called an intraocular lens (or IOL). When you decide to have cataract surgery, we can tell you about IOLs and how they work.