



Cataract

Cataract is a clouding of the lens in the eye which keeps light and images from reaching the retina. It can be the reason that sharp image become blurred or see things at night is more difficult. It may be why eyeglasses or contact lenses that used to help you read, or do other simple tasks, no longer seem to help.

Cataract is the leading cause of visual loss in adults age 55 and older. By age 75, almost everyone has a cataract. In addition to aging, other causes of cataracts include: medical problems, such as diabetes, injury to the eye, medication such as steroids, long term unprotected exposure to sunlight. However, cataracts are highly treatable, and through advances in both cataract surgery and intraocular lenses, more people are experiencing full restoration of their vision than ever.

"One of the Safest and most Successful Procedures Performed Today"

Cataract surgery is a simply outpatient procedure You'll spend a few hour at the site.



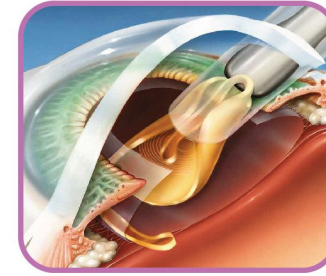
Eye drops to dilate your pupil and numb your eye will be given several times before the procedure.

"Phacoemulsification" is the most advanced and most commonly used technique. It requires a very small incision 2.2 millimeter on the side of the cornea. The surgeon may use a device or an ultrasonic instrument that breaks up and gently removes your cloudy lens. Once the clouded lens has been removed, Artificial Intraocular lens will

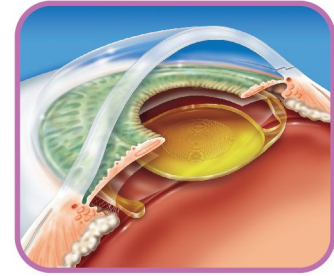
be replace. The entire procedure usually lasts between 15 and 25 minutes. Since the incision is small, no stitch or eye pad is needed, and the eye heals rapidly. Patients may experience little to no pain and can usually return to their normal activities the following day.

The Blue filter Lens Like Your Natural Lens

The blue light filter lens filters both UV and blue light. It is made of patented acrylic material developed specifically for the eye.



Inserting Lens



Lens in Eye

1. Monofocal Intraocular lens monofocal lenses are the most frequently implanted in the world with good clinical result. After implant the patient can see far vision well, but require reading glasses.
2. Multifocal IOL for patients with cataracts and presbyopia there is the ACRYSOF® RESTOR® lens, which corrects for both conditions at the same time, eliminating the need for spectacles after surgery in most patients. Clinical trial showed that over 80 percent of patients receiving this lens never required glasses for any task following surgery.
3. Toric IOL For patients with cataracts and astigmatism there is the ACRYSOF® Toric lens, which corrects for both conditions simultaneously.
4. Trifocal IOL is a type of multifocal IOL which delivers near, intermediate and distant vision.