CATARACT SURGERY
What is a Cataract?

A cataract is a condition where the natural lens in the eye becomes cloudy and hard and are usually a part of normal aging process. If the blurred vision due to cataract is disturbing your daily lifestyle, the cataract may need to be removed.

Cataracts are usually associated with painless gradual decrease in vision. Early cataract is associated with difficulty in reading in normal light conditions, and extra illumination is required. Excessive glare and reduced sharpness can make night driving difficult. Some experience a rapid changes in the number / power of glasses. In advanced cases there is marked decrease in vision as lens becomes pearly white in colour.

If you experience any of the following issues, schedule an appointment with your eye doctor immediately:

- Cloudy or blurry vision
- Difficulty in reading with glasses
- Difficulty in night driving
- Fading of colours
- Seeing haloes around lights
Cataract Treatment Options

If you have been diagnosed with Cataract and are planning to get operated, it is important that you are aware of the currently available treatment options. Modern Cataract Surgery is a small incision surgery and involves dissolving the Cataractous Lens, sucking it out of the eye and replacing it with an artificial Intra - Ocular Lens (IOL).

There are 4 surgical options

- Standard Phaco
- Micro Phaco
- Zepto Cataract Surgery
- Femto Laser Assisted Cataract Surgery (FLACS) Blade-Less
Don’t let Cataract shadow the best moments of your Life!
Types of IOLs
Intra-Occular Lenses

An IOL is an artificial lens which serves to replace the original lens.

There are three types of lens options:

**Monofocal Lenses**
Provides good vision for distance
Reading Glasses are required

**Multifocal Lenses (Bifocal & Trifocal)**
Provides good vision at varying distances
i.e. Near, Intermediate, Far

**Toric Lenses**
Corrects cylinder or astigmatism in addition to spherical number
Dr. Chaudhary Performing India’s First Live Blade-Less Femto Laser Cataract Surgery At DOS Conference, Delhi

Russian Ambassador At Eye7 who underwent Blade-Less Femto Laser Cataract Surgery by Dr. Chaudhary

Gaurav Chopra (“Rathore” Of Uttran) With His Mother Who Underwent Cataract Surgery by Dr. Chaudhary

Dr. Chaudhary at AIIMS - R.P Centre for Ophthalmic Sciences, Performing Micro Phaco Cataract Surgery, being Telecasted LIVE at DOS Annual Conference, Delhi

Dr. Chaudhary Live interaction after performing Live Micro Phaco Cataract Surgery At DOS Annual Conference, Delhi

Dr. Chaudhary after Performing India’s first Zepto Cataract Surgery
In Standard Phaco Cataract Surgery, the Catractous lens is emulsified or dissolved using ultrasonic energy. The lenses used in this surgery are not ultra soft and require a larger incision of about 3mm to enter the eye. Since the eye opening is very small and designed in a special manner, it self-seals and no sutures are required. Hence this procedure is also popularly known as ‘Stitchless’ cataract surgery.

IOL Options

- Aurovue
  - Monofocal

- Acriol EC
  - Monofocal

- I - Diff
  - Multifocal

- Care Toric
  - Toric
Micro Phaco Cataract Surgery

Micro Phaco Cataract surgery is also known as MICS (Micro Incision Cataract Surgery).

In this technique, the cataractous lens is dissolved and aspirated through a 2.2mm micro incision using micro ultrasonic tip and a special supersoft Intra Ocular Lens is introduced through the same incision. The incision in the Micro Phaco is much smaller than the incision in a Regular Phaco technique. Micro Phaco is designed to speed the recovery of vision, improve visual outcomes and reduce the restriction on your activities after the surgery.

IOL Options

Alcon (USA) Acrysof IQ
Monofocal

Alcon (USA) PanOptix
Trifocal

Alcon (USA) Acrysof Toric
Toric

Centurian Phaco Machine (ALCON - USA) is the latest technology for Micro Phaco
Zepto Cataract Surgery

Zepto Cataract surgery is the latest advancement in automated cataract surgery which enhances the precision, safety & visual outcomes, without the high cost of a Femto Laser.

With Zepto technology, the surgeon is able to perform the most crucial step of Cataract Surgery (Capsulotomy) under perfect computerised control. Also in high risk cases, Zepto greatly enhances the surgical safety and outcomes.

Zepto is highly recommended in following cases

- One Eyed Patients
- White Cataracts
- Hard Brown Cataracts
- Corneal Opacities
- Subluxated Cataracts
- Cataracts in Children
Life, to the fullest!
Femto Laser Assisted Cataract Surgery (FLACS) Blade-Less

This is the most advanced technology in Cataract surgery available today. Here the Femto Second Laser is the surgical tool, unlike others where ultrasonic Phaco tip is the surgical tool. Laser precision translates into 100% accuracy, thereby improving the safety and visual outcomes of cataract surgery.

Advantages of FLACS

- Completely Blade Less
- High Precision Unmatched by Human Hands
- Improves visual outcomes
- Highest Safety
- US –FDA approved

IOL Options

- Medennium (USA) Aurium Monofocal
- Zeiss (Germany) Trifocal
- Zeiss (Germany) Toric

LenSx (ALCON - USA) is the latest technology for Blade Less Femto Second Cataract Surgery
DARYAGANJ (CENTRAL DELHI)
4802, Bharat Ram Road, 24 Ansari Road, Daryaganj, New Delhi - 110002
Ph : 011-40 40 40 70

LAJPAT NAGAR (SOUTH DELHI)
34, Lajpat Nagar IV, Ground Floor, Main Ring Road, New Delhi - 110024.
Ph : 011-40 40 40 70

JANAKPURI (WEST DELHI)
A-1/173, Nazafgarh Road, Metro Pillar No-614, Janakpuri, New Delhi - 110058
Ph : 011-40 40 40 70

INDIRAPURAM (EAST DELHI)
1st Floor, Shipra Vista Plaza, Dr. Sushila Naiyar Marg, Ahinsa Khand 1, Indirapuram, Ghaziabad, U.P - 201014
Ph : 011-40 40 40 70

KALINDI Colony (CORPORATE OFFICE)
B-6 Kalindi Colony, New Delhi - 110065
Ph : 011-40 40 40 70