

#### Unparalleled Safety:

The remarkable interface of LenSx<sup>®</sup> facilitates a three dimensional view of the eye while performing computer controlled manoeuvres. This creates a safe environment where most complicated steps of the surgery are completed even before the patient enters the operation theatre! The program allows excellent flexibility to customize to the requirements of every patient.

A precisely engineered self sealing corneal incision not only results in rapid healing but minimizes the chances of infection. A consistently reproducible central, circular Capsulotomy ensures that the Intraocular Lens remain stable throughout life

and partial fragmentation of the cataract by laser reduces the phaco power spent inside the eye by almost 30-50%, significantly reducing heat related damage to delicate internal structures of the eye.

#### Faster healing:

The accuracy of the laser works at level of microns and thus the incision can be made in three planes with the exact knowledge of morphology. A single planar incision is likely to gape whereas a three planar incision is going to fit snugly like a jig-saw puzzle and attain better wound closure and faster healing.

Consult your doctor for more information.

“With my new vision, I can't wait to resume my joyride. Thank you LenSx<sup>®</sup>”



WAVIKAR  
EYE INSTITUTE

Wavikar Eye Institute - 4<sup>th</sup> & 5<sup>th</sup> Floor, Amber Arcade near Lodha Paradise, Bhivandi Bypass road, Majiwade, Thane (W), Ph No :- 399 18 399, 399 18 300 | [www.wavikareye.co.in](http://www.wavikareye.co.in) | [www.bladelesscataractindia.com](http://www.bladelesscataractindia.com)



WAVIKAR  
EYE INSTITUTE

Cataract Surgery will change in a femtosecond



“My vision and his doodles. Together we create a masterpiece. Thank you LenSx<sup>®</sup>”

INTRODUCING

LenSx<sup>®</sup>

Laser Cataract Surgery.  
First time in Asia



Why LenSx<sup>®</sup>?

#### Revolutionary Laser Technology:

Only once in a while comes along a tool so powerful that it has the potential to transform the very core of our profession. The incredibly advanced LenSx<sup>®</sup> Laser is just that! Femtosecond Laser Surgery, used on millions of eyes world over for Bladeless LASIK surgery, can now be used for cataract and Lens Exchange Surgery in the form of **Laser Refractive Cataract Surgery**.

The Femtosecond Laser provides such control and safety that with **LenSx<sup>®</sup>**, LRCS becomes literally **Least Risk Cataract Surgery!**

#### Unmatched Precision:

LenSx<sup>®</sup> performs the first three steps of cataract surgery – the Corneal Incision, Capsulorhexis (a central, circular opening done in the front part of cataract bag) and Lens Fragmentation using a live image guided Femtosecond Laser, which till now was done manually. As these are the most critical steps of cataract surgery which decide the ultimate outcome, the **High Level of Predictability and Control** brought by the Laser enhances the surgeon's ability to optimize the results.

#### Optimum power:

When laser does the initial breaking up of the cataract into four segments, 30-50% less phaco power or energy is exerted on the eye. The energy delivered is located at the precise point of action where it is needed and surrounding area of just a few microns.

#### Full Potential Vision:

The amount of change in spectacles number induced by the incision depends on the size, shape, depth and position of the incision. The LenSx<sup>®</sup> Laser, by virtue of ensuring precise wound architecture allows the surgeon to have an unprecedented control thereby making sure of a recovery of Full Potential Vision! The machine can also perform **Accurate Incisions** which help the surgeon in treating any residual cylindrical number after cataract surgery.