

# SmILE BY Shroff eye®

## ReLEX® – Vision Beyond LASIK

The SmILE laser procedure is the **3<sup>rd</sup> generation of laser vision correction** to correct spectacles powers (LASIK is the 2<sup>nd</sup> generation).

'SmILE' is short for '**S**mall **I**ncision **L**enticule **E**xtraction'.

This new technique, that is only possible with the Visumax femtosecond laser by Carl Zeiss, is the least invasive procedure for vision correction.

The disadvantages of the older laser treatments have been removed and the advantages have remained.



### 7 Reasons Why ReLEX® SmILE is the Future in Laser Technology

- 1. Flapless:** retains the biomechanical strength of the cornea
- 2. No risk:** of Flap displacement and other flap related complications
- 3. No Dry Eye:** Nerves responsible for tear regulation remain practically intact
- 4. Painless** and least invasive
- 5. Predictability:** Femtosecond Technology results are outstandingly accurate
- 6. Fast,** precise and convenient treatment
- 7. Result** is effective within 24 hours and stabilizes in few weeks



Organization accredited by  
Joint Commission International

**Shroff eye®**

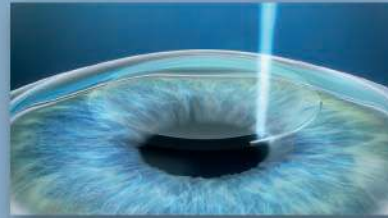
Cataract • Retina • LASIK  
*Open your eyes...  
...to a whole new world*

Today, ReLEX® SmILE is the procedure of choice for all myopes (those with minus powers). The doctors offering both LASIK and SmILE procedures prefer SmILE for > 90% of the cases.

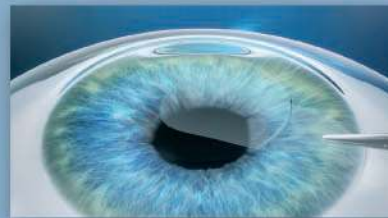
## Differences between ReLEX® SmILE and LASIK



### ReLEX® SmILE with VisuMax®



**Step 1:** Creation of lenticule and small access (< 4 mm)

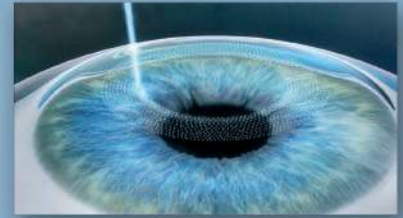


**Step 2:** Removal of the lenticule

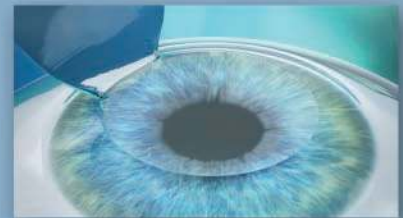


**Step 3:** Refractive error is corrected

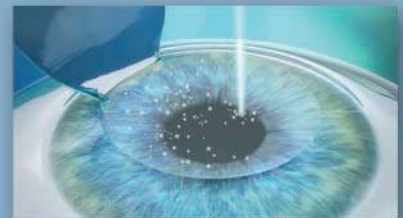
### Femto-LASIK



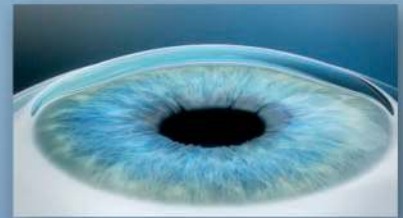
**Step 1:** Creation of corneal flap (>20 mm)



**Step 2:** Flap opened



**Step 3:** Point-by-point ablation of the corneal tissue using an excimer laser



**Step 4:** Flap is repositioned (adheres subsequently in the original place), refractive error is corrected

## WIDEST range of LASER TREATMENTS at Shroff Eye

- Wavefront LASIK
- Wavefront Bladeless Epi-LASIK
- Wavefront Trans Epithelial Surface Ablation
- Topography linked LASIK
- Bladeless Femto LASIK
- ReLEX® SmILE

2 laser platforms – The Concerto 500 Hz laser  
+ The VisuMax Zeiss Laser.



Dr Anand Shroff, our LASIK / SmILE surgeon, will advise the best laser treatment for your eyes from the above procedures.

Shroff Eye Hospital is India's first eye hospital to be accredited by JCI – Joint Commission International, USA for excellence in patient care and health care delivery since 2006

### Shroff Eye Hospital

222 S. V. Road, old Bandra Talkies  
Bandra (West), Mumbai 400 050. India  
Tel: (+91-22) 6692 1000 / 2643 1006

### Shroff Eye Clinic

Gobind Mahal, 86-B Netaji Subhash Road  
Marine Drive, Mumbai 400 002. India  
Tel: (+91-22) 2281 4077 / 2202 9242

E-mail: [info@shroffeye.org](mailto:info@shroffeye.org)

[www.smilerelex.com](http://www.smilerelex.com)

[www.shroffeye.org](http://www.shroffeye.org)

[www.lasikindia.in](http://www.lasikindia.in)

Eye Helpline: +91 98211 63901

*95 years of excellence in eye care*