SPECS
REMOVAL
When people think of specs removal, they most often think of LASIK Laser. But there are several more advanced options available today.

At Eye7, we offer all the latest procedures for specs removal.

Specs Removal Options

Laser Procedures
- SMILE
- Blade - Less LASIK Femto (Robotic) Laser
- LASIK Laser
  - SBK Custom Q LASIK
  - SBK LASIK
  - Aspheric LASIK
  - Standard LASIK

Surface Laser Procedures
- ASA (Advanced Surface Ablation)
- PRK

Lens Procedures
- ICL
- RLE

LASIK FACT #1
Do you know! LASIK is the most commonly performed eye procedure after Cataract Surgery.
Eligibility

18+
At least 18 years old

Specs number should be stable for about a year- minor changes do not disqualify you

Cornea should be healthy and of adequate thickness

Ladies should not be pregnant or breast-feeding

Choose Your Procedure

-1 to -8  Contoura Vision / LASIK

-8 to -18  ICL

+1 to +5  Contoura Vision / LASIK

+5 to +10  ICL or RLE

Choice may vary depending on clinical examination
Contoura Vision is the latest laser technique for specs removal. It was launched after receiving US-FDA approval in 2016.

**How Contoura Vision in better than LASIK and SMILE?**

**Corrects Corneal Irregularities**
Contoura Vision can also identify, record and correct imperfections and irregularities in individual corneas resulting in a better and near perfect focussing surface of the cornea.

**Treats on Visual Axis**
Contoura Vision is the only platform in the world designed to treat on your visual axis, resulting in sharpest possible vision, unmatched by any other laser procedure. All other laser procedures work on pupillary axis.
Reduced Difficulty in Night Driving

Treatment of Corneal Irregularities

Visual Axis Treatment

BEYOND

40% get vision better than 6/6 (Normal Human Vision)
NOT everybody looks as CUTE with glasses
Blade - Less LASIK
Femto (Robotic) LASIK

Bladeless Lasik involves use of two lasers – first is the Femtosecond Laser, which is used to create an ultra thin flap in cornea, second is Excimer Laser which is used to reshape the cornea to induce correction.

The precision of Femto Laser is to the levels of 5 microns. Which means that if a human hair is 60 microns, a Femto laser can cut 6 layers in that hair, which is impossible with a blade. Therefore, Bladeless LASIK gives greater precision, better quality of vision and more safety compared to standard Blade LASIK procedures.

The flap is then positioned back which sticks to its place immediately. No blades are used at any time in the whole procedure. Bladeless Lasik has been approved by US-FDA in 2001.

Advantages of Blade - Less LASIK

- No fear of blades working on eye
- Precise cutting resulting in better visual outcomes
- Ultra thin and better quality flap – Safer than Blade Lasik
- More customized treatment for patients
- Tissue Saving
- Faster Recovery
Still wearing 3D glasses on top of your regular glasses at movies?

Time to move on!
SMILE

SMILE is a variant of the Femto Second Bladeless Lasik. It is also very commonly known as Relex Smile. Here only one laser i.e. the Femto Second Laser is used for vision correction.

The laser cuts a slice of corneal tissue which is pulled out through a partial corneal flap to induce vision correction. At present, SMILE is used to correct only certain types of refractive errors.

Advantages of SMILE

- Bladeless Procedure
- Small Flap

LASIK FACT #2

Do you know more than 42 Million people have got there LASIK done. That is more than double the population of Delhi
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<td>Only Specs Power Correction</td>
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<td>Visual Axis Treatment - Sharpest Vision</td>
<td>Pupillary Axis</td>
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<td>Re-Treatments POSSIBLE</td>
<td>Re-Treatments POSSIBLE</td>
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<td>Fastest Eye Tracking During Procedure - 1020 Hz</td>
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Scientific Study

CONTOURA VISION vs SMILE


PURPOSE:
Contoura Vision Topography-Guided LASIK Versus Small Incision Lenticule Extraction (SMILE) for Myopia and Myopic Astigmatism: A Randomized, Prospective, Contralateral Eye Study, One Eye Operated on Contoura Vision Platform and Other Eye Operated on SMILE Platform.

CONCLUSIONS:
Contoura Vision was found superior to SMILE in all visual performance parameters studied, both subjective and objective. The main difference between the two techniques likely derives from the eye tracking, cyclorotation compensation, and active centration control in the LASIK technology studied in contrast to the current technology available with SMILE-like procedures. This difference appears to affect refractive and visual aberration performance outcomes.
Celebrities who chose LASIK over Specs!

SHAH RUKH KHAN

LEBRON JAMES

ANGELINA JOLIE

TIGER WOODS

NICOLE KIDMAN

KIM KARDASHIAN

BRAD PITT

RICHARD BRANSON

SANIA MIRZA
LASIK Laser

LASIK Laser uses a special blade called microkeratome to make a corneal flap and then Excimer Laser is used to correct the spectacle power. Modern microkeratomes are able to create a flap almost similar to the ones created by Femto Lasers.

SBK LASIK with Custom Q

Custom Q treatment customized to individual eyes for better visual outcomes

A Thin Flap is created which enhances safety of procedure by saving more tissue and providing better strength to cornea

SBK LASIK (Thin Flap)

This is also a thin flap LASIK and is considered as basic minimum as per present day standards.

Aspheric LASIK

The treated and non treated areas are blended with each other with Aspheric treatment resulting is reduced Halo’s and Glare. This is a 20 year old technique. This becomes SBK LASIK, when thin flap technology has added to it

Standard LASIK

One might experience some Halo’s and Glare during night time. This is considered obsolete

LASIK FACT #3

Do you know that total Laser time in a LASIK procedure is about 5 to 10 seconds!
ICL are micro thin lenses (having power of your spectacles) implanted over the natural lens inside eye to correct spectacle power. It is similar to a contact lens placed in eye except that a contact lens is temporary and has to be put on daily basis whereas ICL is put inside the eye permanently.

At Eye7, we use only US-FDA approved Evo Visian ICL manufactured by STAAR Surgicals (USA). ICL is made in Switzerland and the order for the lens is placed as per measurements of eye. The lens is then received by courier in 15 days time.

ICL is of two types:

ICL Spherical - Which corrects only Spherical power of glasses
ICL Toric - Which corrects both Spherical and Cylinder power of eye
Advantages of ICL

Wider range of correction -1 to -20 and +1 to +10

Can be carried out in people unfit for LASIK - Thin Cornea, High Numbers etc

NO Tissue Removal

Reversible

UV Protection
See the change with Contoura Vision
Monovision
LASIK in Elderly

In elderly, the eye requires a different spectacle power for near and distance. The laser can correct only one power, either for distance or near.

In Monovision, one eye is corrected to focus on distance and the other eye is corrected partially for near.

Thus with both eyes open, the person can do both most of his distance and near routine activities without glasses.

RLE
Refractive Lens Exchange

This is recommended in people over the age of 40 years.

In RLE, the natural lens is replaced by an artificial lens having the power of natural lens and your specs. However, a person would now need glasses for reading. The requirement of glasses can be reduced by creating mono-vision or using a multifocal lens on the suggestion of doctor.

In all of the above treatments, technology and surgeon skills unite to give you the best desired result. However mild variations can always be expected.

LASIK FACT #5
Do you know a LASIK procedure is completely painless where only drops are used to numb the eyes.
I'm Free!
Eye7 Milestones in LASIK

1st to start LASIK in North India

Only Eye Hospital in India to make it to International Surgeons LASIK Directory

1st to start CONTOURA VISION in India

Dr. Sanjay Chaudhary performed first live CONTOURA VISION laser eye surgery in India

Dr. Sanjay Chaudhary has been awarded with 'Highest Number of ICL Performed in INDIA' award, 4 years in a row at World ICL Meets
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