



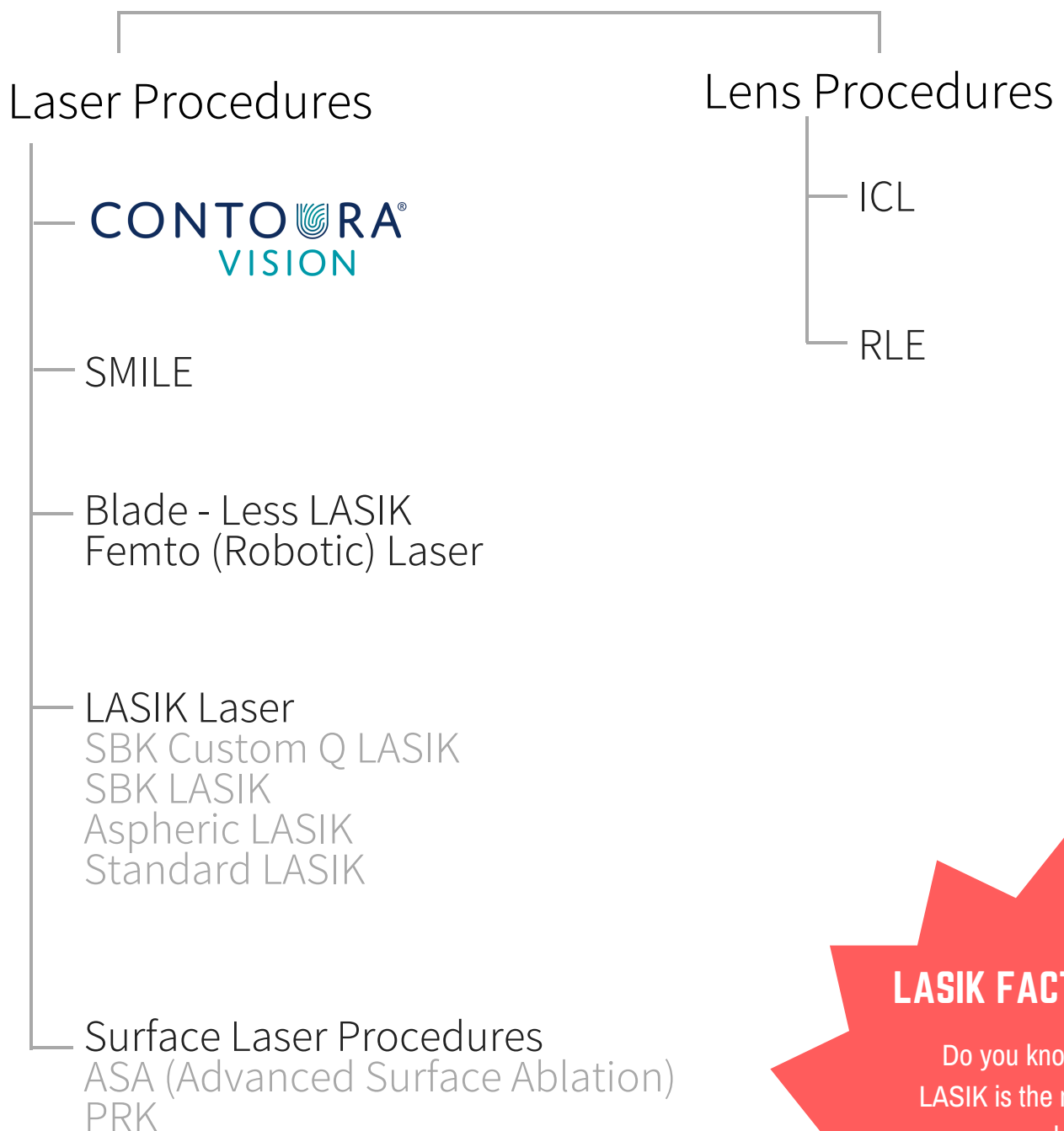
SPECS REMOVAL



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



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

Beyond LASIK, Beyond SMILE

Contoura Vision is the latest laser technique for specs removal. It was launched after receiving US-FDA approval in 2016.

How Contoura Vision is better than LASIK and SMILE?

Corrects Corneal Irregularities

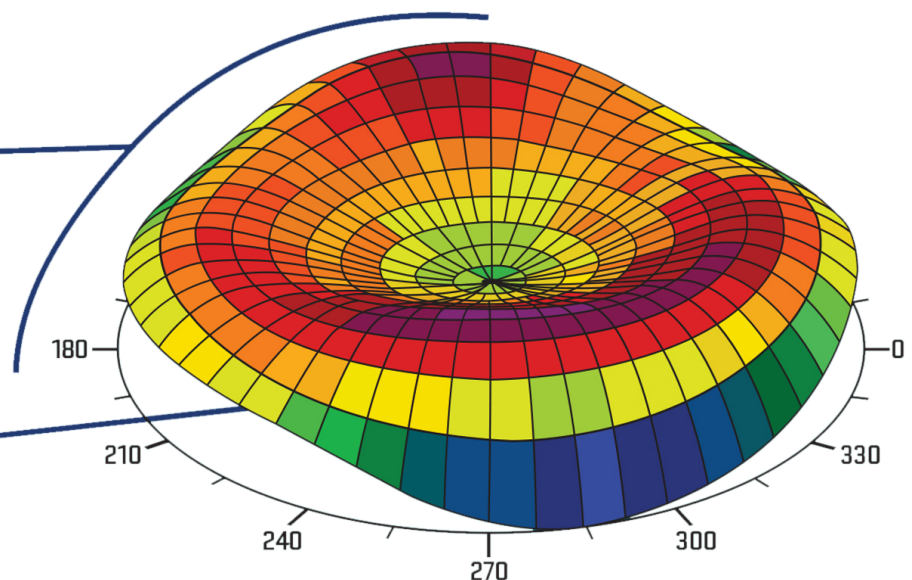
Contoura Vision can also identify, record and correct imperfections and irregularities in individual corneas resulting in a better and near perfect focussing surface of the cornea.

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.

CONTOURA[®] Vision creates a
**HIGHLY PRECISE
AND ACCURATE**
map of your eyes.

CONTOURA[®] Vision maps up to
22,000
unique elevation points on each eye.



A treatment customized to you.

CONTOURA[®] VISION

Advantages over LASIK and SMILE

Normal
Vision
(6/6) -
LASIK &
SMILE

Perfect

92.6%

6/6

or better.*



Better Than Perfect

64.8%

6/5

or better.*



Super Vision

34.4%

6/4

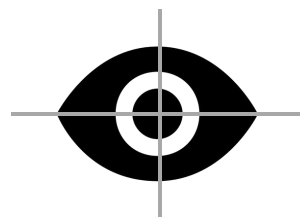
or better.*



Better
than
Normal -
Contoura
Vision



Treatment of
Corneal
Irregularities



Visual Axis
Treatment



Reduced Difficulty
in Night Driving

BEYOND

6/6

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



Topolyser Machine

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

Pentacam Machine

Comparison

Contoura Vision

Blade - Less LASIK

SMILE

Specs Power
Correction

+

Correction of
Corneal
Irregularities

Only
Specs Power
Correction

Only
Specs Power
Correction

Visual Axis
Treatment -
Sharpest Vision

Pupillary Axis

Pupillary Axis

Fastest Visual
Recovery
WOW EFFECT

Fast Visual Recovery
WOW EFFECT

Slow Visual
Recovery

Re-Treatments
POSSIBLE

Re-Treatments
POSSIBLE

Re-Treatments
DIFFICULT

Fastest Eye Tracking
During Procedure -
1020 Hz

Tracking Device

Manual Tracking

Scientific Study

CONTOURA VISION vs SMILE

J Refract Surg. 2017 May 1;33(5):306-312. doi: 10.3928/1081597X-20170221-01. Kanellopoulos AJ.

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.

JOURNAL OF
**CATARACT &
REFRACTIVE SURGERY**

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 in 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

Implantable Collamer Lens

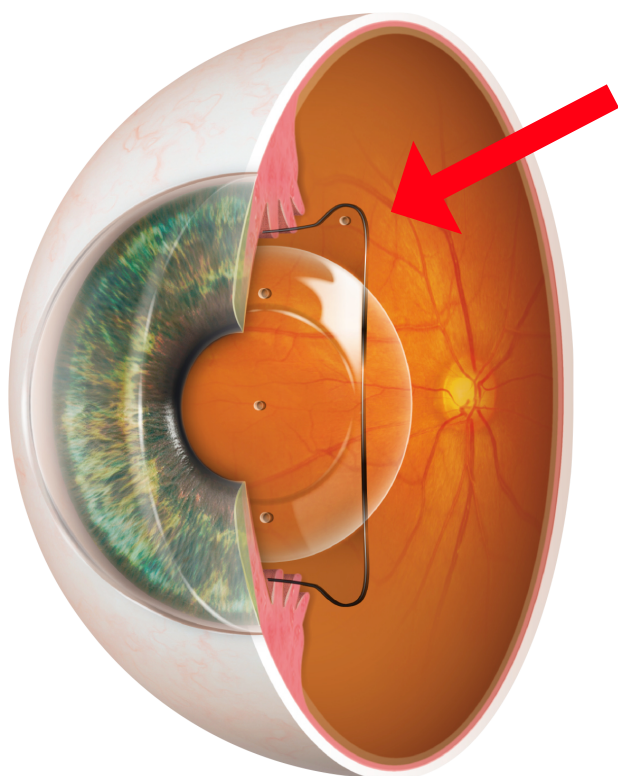
ICL are micro thin lenses (having power of your spectacles) implanted over the natural lens inside eye to correct spectacle power. It is similar to a contact lens placed in eye except that a contact lens is temporary and has to be put on daily basis whereas ICL is put inside the eye permanently.

At Eye7, we use only US-FDA approved Evo Visian ICL manufactured by STAAR Surgical (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

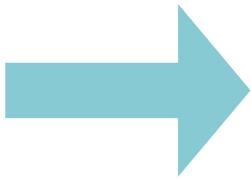


EVO Visian ICL Inside the eye

LASIK FACT #4

Do you know there are 5
LASIK
procedures are happening
in this world every minute

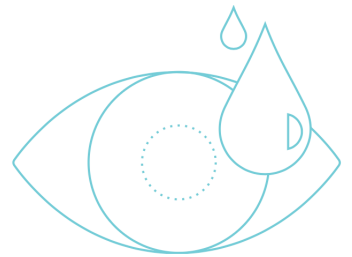
Advantages of ICL



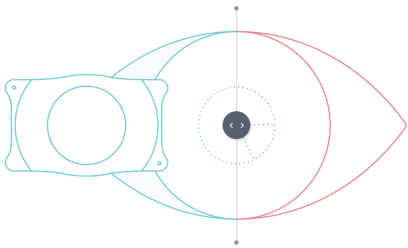
Wider range of
correction -1 to -20
and +1 to +10

UNFIT
FOR
LASIK

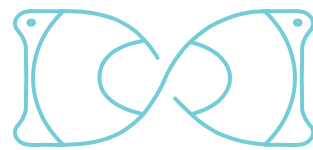
Can be carried out in
people unfit for LASIK
- Thin Cornea, High
Numbers etc



NO Dry Eyes



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

Eye7 Network Eye Hospitals



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