

Freedom from Glasses

SMILE & Bladeless LASIK



Bladeless



Flapless



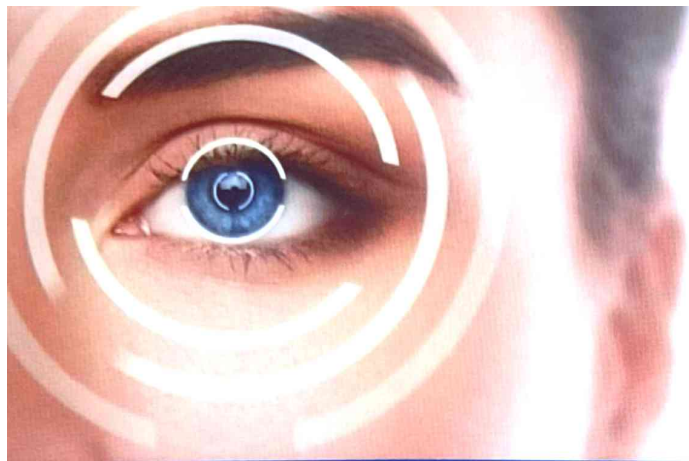
Painless



All Laser

**THE ADVANCED 3rd GENERATION
LASER VISION CORRECTION**

✦ AI-generated content



Benefits and Advantages of ReLEx SMILE Surgery

Benefits

- **Minimally Invasive:** SMILE surgery involves a small incision, typically less than 4mm, which reduces the risk of complications and promotes faster healing.
- **No Flap Creation:** Unlike LASIK surgery, SMILE surgery doesn't require creating a flap in the cornea, which can reduce the risk of flap-related complications.
- **Reduced Risk of Dry Eyes:** Compared to LASIK, SMILE is associated with a lower incidence of dry eye symptoms because it preserves more corneal nerves.
- **Quick Recovery:** Most patients experience visual improvement within a few days and can return to normal activities within one to two days post-surgery.
- **Less Discomfort:** Patients often report less discomfort during and after SMILE surgery compared to other refractive surgeries.
- **Long Term Safety:** More safe and preserves Corneal strength. It's preferred procedure in case of **Athletes, Sports, Swimmer's, Army Man.**
- **Current Approvals:** SMILE is FDA-approved for treating myopia and astigmatism.
- **Candidate Suitability:** Not everyone is eligible for SMILE. Individuals with thin corneas or certain eye conditions may not be suitable candidates for this surgery.

SMILE

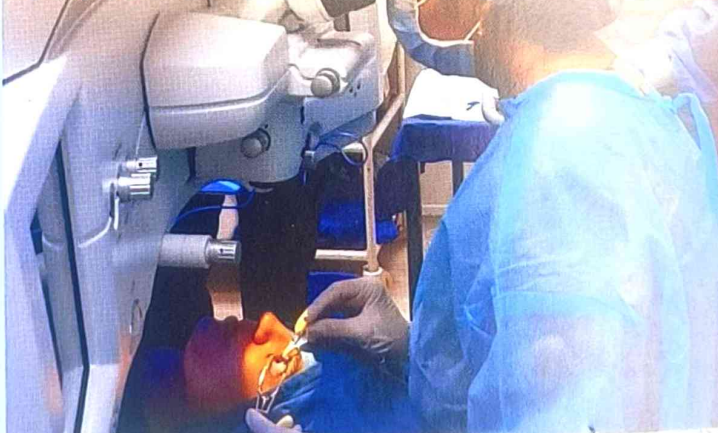
SMILE (Small Incision Lenticule Extraction) is a minimally invasive vision laser eye surgery designed to correct refractive errors such as myopia and astigmatism.

This procedure involves reshaping the cornea so that to improve how light is focused on the retina, thereby enhancing vision.

Procedure Overview

- **Technique:** SMILE uses a femtosecond laser to create a thin, lens-shaped disc of tissue (lenticule) within the cornea. This lenticule is then removed through a small incision, altering the cornea's curvature to correct vision.
- **Duration:** The entire procedure typically takes about 20 minutes per eye, with the laser application lasting less than 30 seconds.
- **Anesthesia:** Topical anesthetic drops are used to numb the eye, ensuring patient comfort during the procedure.

Creating Success with a SMILE



Benefits and Advantages of FemtoLASIK Surgery

FemtoLASIK (Femtosecond Laser-Assisted In Situ Keratomileusis) surgery is a type of refractive surgery used to correct vision problems such as nearsightedness (myopia), farsightedness (hyperopia), and astigmatism.

- **Improved Accuracy:** Femtosecond laser technology enhances precision.
- **Reduced Risk of Complications:** Minimizes flap-related risks.
- **Customized Treatment:** Tailored to individual needs.
- **Fast Recovery:** Quick visual improvement.

Key Facts About FemtoLASIK Surgery

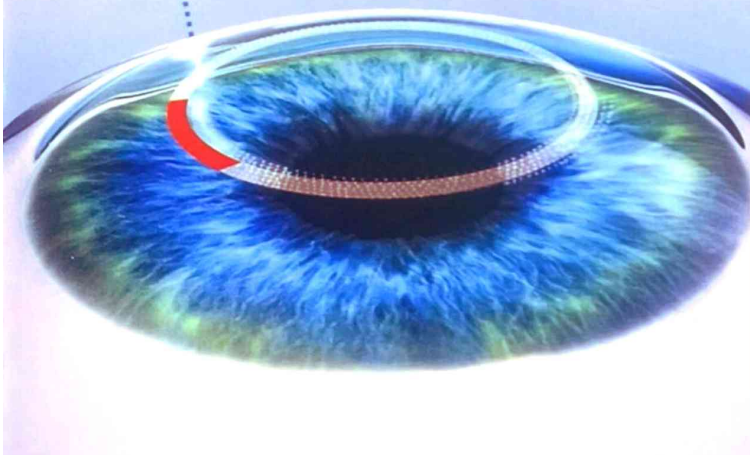
- **Advanced Laser Technology:** Uses a femtosecond laser to create a thin flap in the cornea **BLADE FREE**.
- **Precise Flap Creation:** Reduces the risk of flap-related complications.
- **Customized Treatment:** Allows for personalized treatment plans.
- **Quick Recovery:** Patients often experience rapid visual improvement.

Procedure

- **Preparation:** Eye drops and local anesthesia.
- **Femtosecond Laser Treatment:** Creates a thin flap in the cornea.
- **Excimer Laser Treatment:** Reshapes the cornea to correct vision.
- **Flap Replacement:** The flap is replaced, and the cornea begins to heal.

ReLEx SMILE

2 mm
minimally-invasive



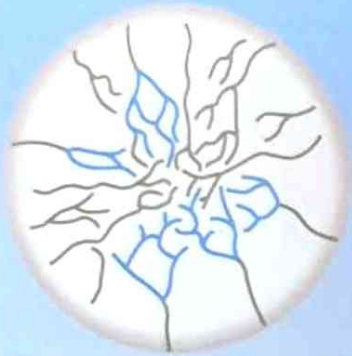
LASIK

20 mm
FLAP

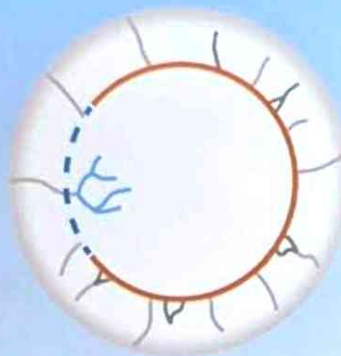


THE ADVANCED 3rd GENERATION LASER VISION CORRECTION

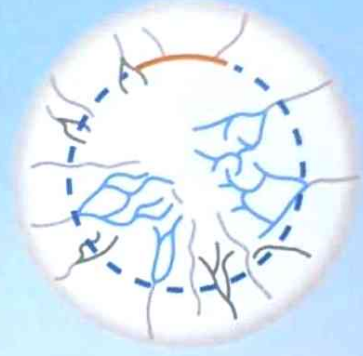
Normal nerve network



LASIK



SMILE



Also available
**PRK, LASIK,
Femto-LASIK**

