

# Look bad in glasses Refractive Eye Surgery

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### Introduction:-

Aim:-

Cornea - oval shape

Refractive eye surgery is any eye surgery used to improve the refractive state of the eye and decrease or eliminate dependency on glasses or contact lenses. This can include various methods of surgical remodeling of the cornea or cataract surgery. The most common methods today use excimer lasers to reshape the curvature of the cornea.

Normal

vision

Astigmatism

One focal

### **Survey results** 3% 45% said they regret never had a having had the side effect surgery 53% 59% reported initial said they have 12% side effects no regrets had a second surgery to correct a problem or enhance results

## Complications:-

- Dry Eyes
- Glares and Haloes
- Incomplete or button
- Folds or slipped flap
- Diffuse lamellar keratitis
- Infection
- Post-Lasik ectasia
- Post operative retinal detachment
- Ischemic optic neuropathy

PRK is most often recommended as an alternative for people who are not good candidates for LASIK. Traditionally, PRK has been recommended for people with:

- Thin corneas
- Steep corneas
- History of dry eye syndrome
- Large pupils
- people who are concerned about flap athletes who wish to avoid corneal flap replacement.

Laser Eye Surgery

# Which surgery is better for you?

- complications may wish to choose PRK just like

# Comparison:-

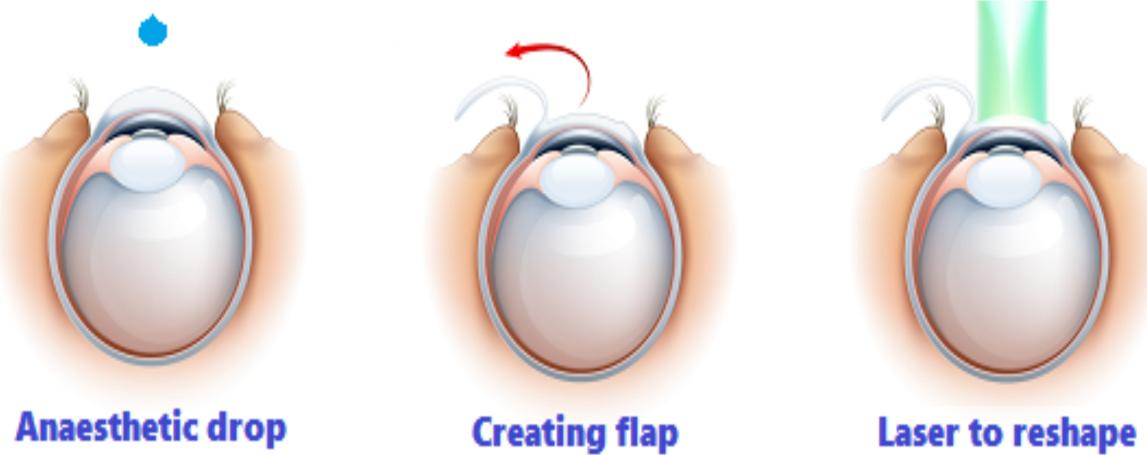
	Lasik	Prk
c		PRK is considered to be safer and more effective in the long term because it doesn't leave a flap in your cornea
Healing	Vision is greatly enhanced in the same day or the	improving about

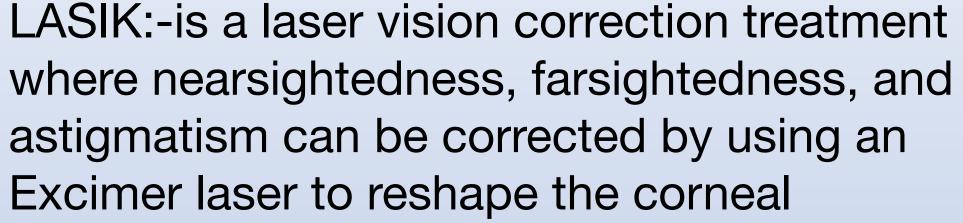
day after surgery

Refractive error -8 correction

# Conclusion:-

Refractive surgery is an excellent procedure for most patient who don't like wearing glasses nor contact lenses. Although some complications may be associated with this procedures there advantages heavily outweigh and hence they can be overlooked.



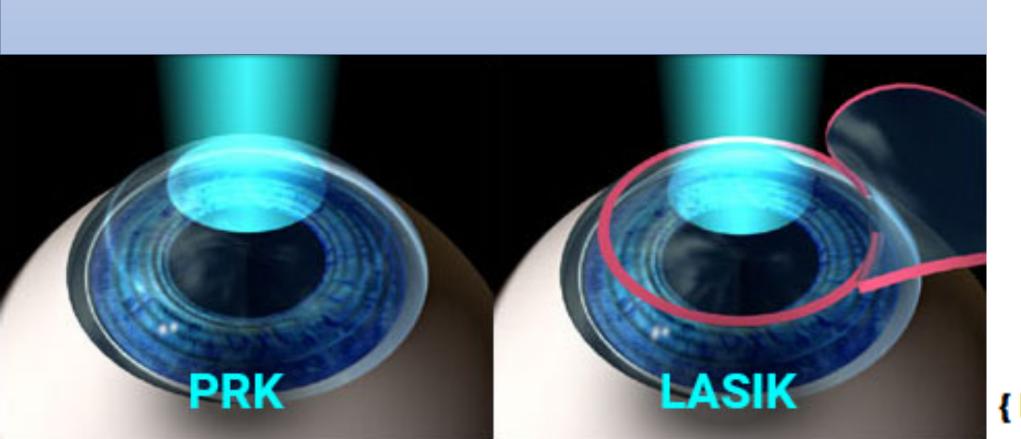


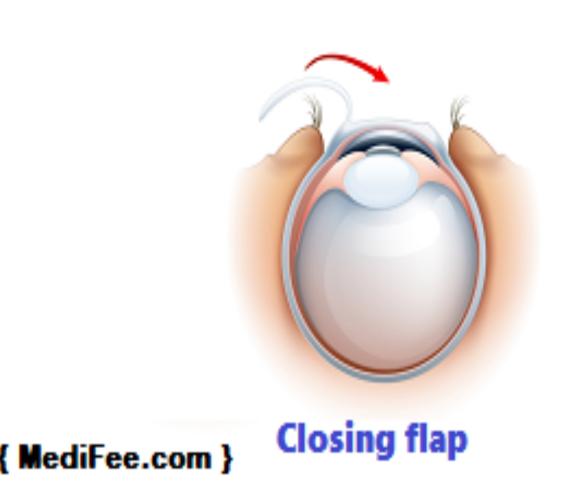
LASIK OR PRK:-

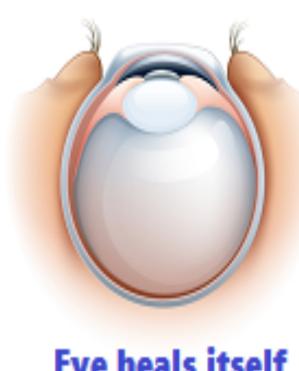
PRK:-PRK is the identical laser vision correction treatment performed directly on the corneal surface

beneath a very thin flap in the cornea.

surface. With LASIK, treatment is performed







Eye heals itself

- 1) https://www.aao.org/eye-health/treatments/what-isrefractive-surgery.ly
- 2) https://www.lasik.com/articles/lasik-prk-difference/.ly
- 3) https://silversteineyecenters.com/service/prk-lasersurgery-kansas-city/difference-between-lasik-and-prk/.ly
- 4) https://www.kinglasik.com/lasik-eye-
- procedure/lasik-versus-prk/.ly
- 5) http://www.apagrafix.com/pdfs/Posters/ POADV001\_72.pdf.ly
- 6) http://www.ajo.com/.ly