



# REPINE'S Vision



## REPINE VISION AND LASER

*Your Vision is Our Vision*



### SERVICES OFFERED AT REPINE VISION AND LASER

In addition to premium Laser Vision Correction Surgery, services at Repine Vision and Laser include:

- LASIK
- PRK
- Corneal Refractive Therapy (see Page 2).
- Comprehensive Eye Examinations and Family Eye Care
- Refractions for Eyeglasses
- Expert Fitting of Contact Lenses
- Optical Shop with a Large Selection of Eyeglasses and Contact Lenses
- Glaucoma Screening and Management
- Cataract Management including Surgical Treatment
- Family Eye Care
- Eye Trauma Care
- Medical and Surgical Consultation for Eye Disease

## To Flap or Not to Flap

Karen M. Repine, M.D.

**R**epine Vision and Laser offers two types of refractive surgery—PRK and LASIK. Television and radio commercials champion the virtues of LASIK, but rarely discuss PRK which is a viable alternative.

### What is the difference between PRK and LASIK?

You may have heard about PRK, which stands for Photorefractive Keratectomy, the medical name for the laser procedure. PRK and LASIK (Laser in-situ Keratomileusis) both utilize a cool laser system to reshape the cornea. However, there are significant differences.

### LASIK

With LASIK, Dr. Repine first removes the top layer of the cornea by creating a flap. She then uses the cool laser for treatment under the flap. The flap is then replaced, thereby creating a natural bandage.

LASIK treats the following refractive problems of the eye: **Myopia**

(nearsightedness), **Astigmatism** (asymmetrical cornea), and **Hyperopia** (farsightedness). **Presbyopia** (a condition which requires people to need reading glasses or bifocals) currently is not correctable with LASIK or PRK.

Presbyopia is due to the normal aging process of the eye, and often causes people over age 40 to need glasses in order to read. However, leaving one eye slightly nearsighted helps with tasks at near vision. This type of correction is called **monovision**.

The LASIK procedure removes corneal tissue below the surface of the cornea. With a small mechanical device called a microkeratome, Dr. Repine will create a flap of tissue from the cornea. The flap is then folded back from the eye surface, and the

LaserVision®2001

# Top 100

*Dr. Repine has been named one of the LaserVision® 2001 Top 100 National Surgeons for achieving excellence in refractive surgery.*

**Karen M. Repine, M.D.**  
Board Certified Ophthalmologist  
**Deborah Fitzgerald Roos, O.D.**  
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laser sculpts the cornea. This permanently alters the corneal shape in order to correct the curvature. Finally, the corneal flap is returned to its original position and adheres to the cornea within minutes.

Post-operatively, visual recovery is rapid and our patients report little or no post-operative pain.

#### PRK

With PRK there is no flap. PRK treats refractive problems of the

eye, including **Myopia** (nearsightedness), **Astigmatism** (cornea is football-shaped rather than basketball-shaped), and **Hyperopia** (farsightedness). After the epithelium (the outermost layer of the cornea) cells are removed the laser is used to sculpt the cornea underneath.

After PRK, a bandage contact lens is placed for several days until the surface cells heal. Patients may experience blurry vision for 3-5 days and a mild amount of

discomfort until the epithelium heals. Full visual results may take anywhere from several days to a few months or more, depending upon how quickly the surface heals.

Repine Vision and Laser offers a **complimentary consultation** to help you determine if you are a candidate for a laser refractive procedure and which procedure is best for you.

Please call our office at (303) 788-8848 to set up your consultation.

## Repine Vision Introduces Corneal Refractive Therapy

### NEARSIGHTED?

#### REPINE VISION AND LASER ANNOUNCES A REVOLUTIONARY TECHNOLOGY IN VISION CORRECTION

- Freedom From Eyeglasses or Contacts
  - No Surgery — Reversible
  - Approved for Children & Adults

#### CORNEAL REFRACTIVE THERAPY

Repine Vision and Laser is one of the few vision practices in Colorado that are trained to dispense this much-discussed alternative to refractive surgery.

Imagine seeing clearly at a distance without wearing glasses or contact lenses! Corneal Refractive Therapy (CRT) is a non-surgical process clinically developed to reshape the cornea and correct nearsightedness with or without astigmatism. A unique therapeutic lens, Paragon CRT™, developed with the latest technology to gently reshape the cornea, is worn only while you sleep. The result is clear crisp vision without contact lenses or glasses during your daily activities.

***You may qualify for Corneal Refractive Therapy if:***

- You wear glasses or contact lenses for nearsightedness and require a correction of -0.50D to -6.00D with up to -1.75D of astigmatism.
- You do not have any existing eye disease or disorder.
- Your corneas are too thin for LASIK or PRK.

**Contact us to discuss your alternatives.**

Perfect places to  
correct your vision.



INTRODUCTORY SPECIAL:

★  
The first five people who sign up  
for Corneal Refractive Therapy will  
receive \$300.00 off the cost of  
★ the procedure! ★  
★

5280 Magazine Named Dr. Karen Repine a  
TOP LASER SURGEON in Denver!