

Pre-Operative Care

Pre-Operative Examination

- » History: Goals, Ocular and Systemic Condition, Allergies
- » Spectacle Neutralization
- » Visual Acuity (standard procedure)
- » Refraction: Subjective, Manifestive, and Cycloplegic
- » Best Corrected Visual Acuity
- » Keratometry (quantitative and qualitative)
- » Topography
- » External Exam: Lids, Pupils (scotopic size), EOM, CF, Ocular Dominancy
- » Slit Lamp: Pre- and Post-Dilation Including Tear Film Assessment & epithelial integrity test
- » Applanation Tonometry
- » Dilated Fundus Exam

Inclusion Criteria

- » Myopia: -0.50 to -14.00 D (corneal plane)
- » Astigmatism: -0.50 to -4.00 D
- » Hyperopia: +1.00 to +6.00 D (Nidek pending FDA approval)
- » Stable Refraction: < 0.50 D change within past 12 months

Exclusion Criteria

- » Active Ocular Disease
- » Pregnancy (including nursing mothers)
- » Monocular Patients
- » Unrealistic Expectations

In order to acquire the best measurements for the procedure, we ask that all contact lens wearers remove their contacts for a period of time depending upon which type of lens is worn:

Soft Lenses: no contacts 10 days before visit

Toric Lenses: no contacts 14 days before visit

Extended Wear: no contacts 30 days before visit

RGP Lenses: no contacts 30-90 days before visit

Corneal Mold Lenses: no contacts 90 days before visit

Post-Operative Care

One Day Examination

- » Manifest Refraction and UCVA
- » Slit Lamp: Loose or Rotated Flap, Interface Opacities or Debris, DLK, Epithelial Cells or Ingrowths, etc. NO IOP.
- » Continue antibiotic and steroid QID (Vigamox or Zymar and Pred Forte).
- » Continue wearing eye shield at bedtime.

One Week Examination

- » Same as One Day Exam
- » Manifest Refraction
- » Applanation Tonometry
- » Discontinue antibiotic and steroid if stable.

One Month Examination

- » Same as One Week Exam

Three Month Examination

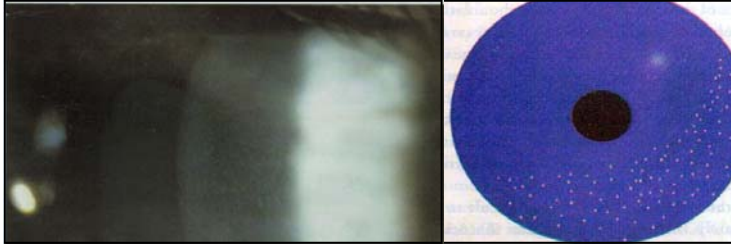
- » Same as One Month Exam.

Six Month Examination

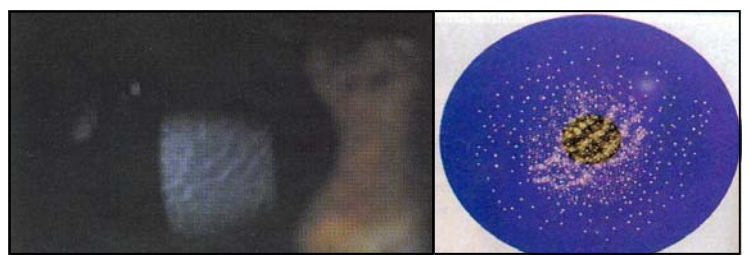
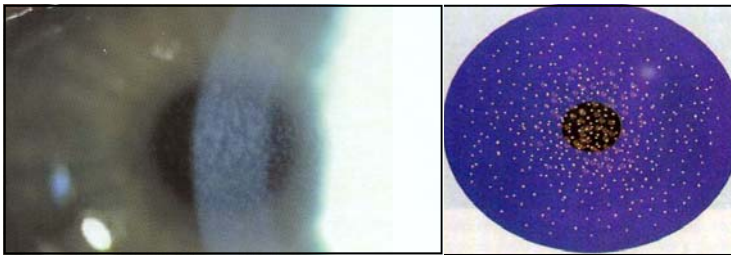
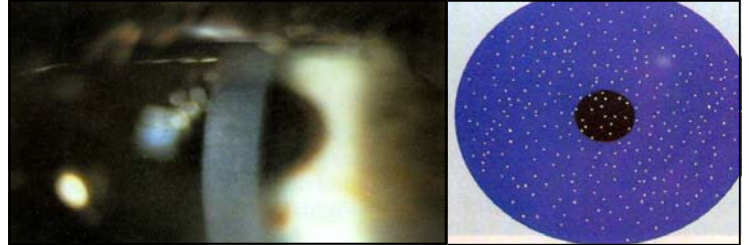
- » Same as Three Month Exam, *including* dilated fundus exam

Possible LASIK Complications

Stage 1 DLK



Stage 2 DLK

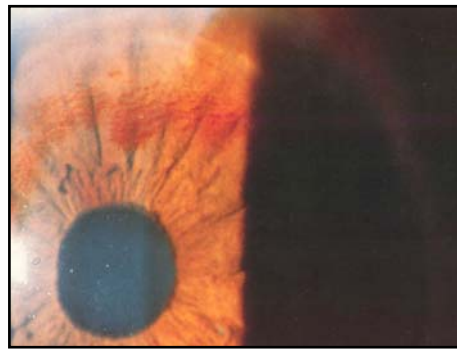


Stage 3 DLK

Stage 4 DLK



Interface Debris



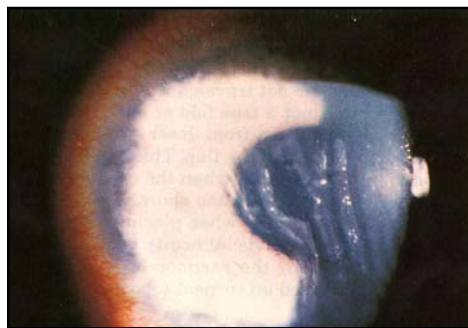
Interface Hemorrhage



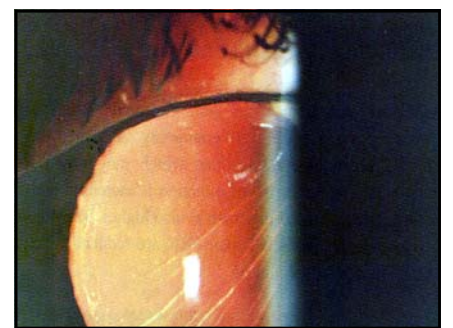
Epithelial Ingrowth



Epithelial Defect



Pseudo Striae



Striae