

**The Good the Bad and the Ugly, Lasik Complications in 2010**  
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Introduction

- Review of Most Common Complications Pre-2003
- Review of Technology Changes
- List Most Common Complications 2009

Post-op Examination Protocols

- How often patients are seen post-op
- What testing necessary at each visit
- What are red flags for each visit

Dry Eye After Laser Vision Correction

- Etiology
- Risk Factors
  - Ocular
  - Systemic
  - Medicines
- Pre-op Evaluation
- Normal Post-op Ocular Surface
- Post-op Diagnostic Testing
- Post-op Treatments

Diffuse Lamellar Keratitis

- Etiology
- Risk Factors
- Causes
- Clinical Presentation
  - Stage 1
  - Stage 2
  - Stage 3
  - Stage 4
- Treatment for levels of condition
- Long term effects

Epithelial Ingrowth

- Etiology
- Initial treatments versus enhancements
- Theories on decrease incidence
- Clinical Presentation
- Patient Symptoms
- Treatment Options

## Dislodged Flaps / Flap Straie

When do they present

Diagnostic testing for need of treatment

Visual Acuity

Retinoscopy

Staining

Treatment Options

Clinical follow-up after treatment

## Ectasia

Etiology

Incidence over time

Evaluation of topography pre and post-op

Risk Factors

Review of Current literature

Randleman Study

Tabara Study

Treatment Options

Contact lenses

Intacs

Corneal Crosslinking

## Infection

Differential Diagnosis

Incidence

Common Infections

Rise in MRSA

Identifying MRSA

Treatment Protocol for MRSA

## Learning Objectives

- Understand the normal post-operative course of lasik patients
- Understand the necessary testing for the post-op lasik patient
- Identify the common side effects of laser vision correction
- Identify the complications of laser vision correction
- Understand how to treat the common complications of laser vision correction
- Identify those patients needing referral back to the operating surgeon