

# Case aXovwJdGWkjFIVwxy134 — Questions

## Case Details

**Demographics** 26-year-old black male; optometry student

**Chief complaint** 1 week LASIK enhancement post-op; vision is great but has mild discomfort

**History of present illness**

**Secondary complaints/symptoms** none

**Patient ocular history** last comprehensive eye exam 1 month ago; LASIK OU 1 year ago, LASIK enhancement OU 1 week ago

**Family ocular history** mother: chronic progressive external ophthalmoplegia

**Patient medical history** unremarkable

**Medications taken by patient** as indicated by LASIK surgeon; compliant with all meds

**Patient allergy history** iodine

**Family medical history** father: mesothelioma

**Review of systems**

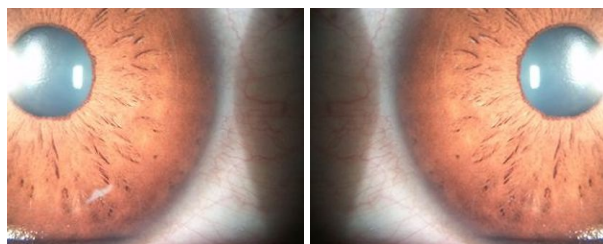
**Mental status**

**Clinical findings**

**Uncorrected visual acuity**

**Slit lamp**

- Character/signs/symptoms: foreign body sensation
- Location: OD, OS
- Severity: mild
- Nature of onset: acute
- Duration: 1 week
- Frequency: constant
- Exacerbations/remissions: worse at the end of the day and with extended computer use; improves with artificial tears
- Relationship to activity or function: LASIK enhancement surgery
- Accompanying signs/symptoms: eyes are slightly red
- Constitutional/general health: denies
- Ear/nose/throat: denies
- Cardiovascular: denies
- Pulmonary: denies
- Dermatological: denies
- Gastrointestinal: denies
- Genitourinary: denies
- Musculoskeletal: denies
- Neuropsychiatric: denies
- Endocrine: denies
- Hematologic: denies
- Immunologic: denies
- Orientation: oriented to time, place, and person
- Mood: appropriate
- Affect: appropriate
- OD: distance: 20/20
- OS: distance: 20/20
- lids/lashes/adnexa: unremarkable OD, OS
- conjunctiva: trace injection OD, OS
- cornea: see image 1 OD, see image 2 OS
- anterior chamber: deep and quiet OD, OS
- iris: normal OD, OS
- lens: clear OD, OS
- vitreous: clear OD, OS



## Question 1 / 5

What is the MOST appropriate diagnosis of the patient's right eye corneal findings?

- A) Microbial keratitis
- B) Corneal foreign body
- C) Diffuse lamellar keratitis
- D) Epithelial ingrowth
- E) Superficial punctate keratitis

### Question 2 / 5

What is the MOST appropriate treatment of the patient's condition?

- A) Refer back to the surgeon for treatment
- B) Have the patient return in 2 weeks and monitor carefully for change
- C) Add Ilotycin® q.h.s. OD and return in 1 week for follow-up
- D) Add Ilevro® b.i.d. OD and return in 1 week for follow-up
- E) Increase Pred Forte® to q.2.h. OD and return in 2-3 days for follow-up
- F) Increase preservative-free artificial tears to q.2.h OD and return in 1 week for follow-up

### Question 3 / 5

At the follow-up visit, the patient reports that his vision is reduced in the right eye. You note a best corrected visual acuity of 20/40. Biomicroscopy reveals a worsening of the condition with more corneal involvement. What is the MOST appropriate treatment at this time?

- A) Prescribe Restasis® ophthalmic emulsion b.i.d. OU
- B) Increase Pred-Forte® 1% ophthalmic suspension to q.1.h. OD
- C) Increase preservative-free artificial tears to q.1.h OD
- D) Refer back to the LASIK surgeon for flap lift and removal of aberrant cells
- E) Prescribe Zymaxid® ophthalmic solution q.i.d. OD

### Question 4 / 5

Typical ophthalmic medications prescribed for use during the first week following LASIK surgery include which three of the following? (Select 3)

- A) Topical steroid drops
- B) Bland ophthalmic ointment
- C) Artificial tears
- D) Topical hyperosmotic drops
- E) Mast cell stabilizer
- F) Topical antibiotic drops
- G) Topical vasoconstrictor

### Question 5 / 5

Which of the following activities is prohibited the day before LASIK surgery?

- A) Drinking alcoholic beverages
- B) Heavy lifting
- C) Running
- D) Wearing contact lenses
- E) Surfing
- F) Sleeping
- G) Eating solid foods