

Case vlsErmBdHxVZiFt10471 — Questions

Case Details

Demographics 32-year-old Asian female; small business owner

Chief complaint blurry vision

History of present illness

Secondary complaints/symptoms eyes itch often; rubs them frequently

Patient ocular history last eye exam 1 year ago; wears monthly disposable soft contact lenses, reports compliance with cleaning regimen and replacement schedule, does not sleep in lenses

Family ocular history mother: keratoconus

Patient medical history unremarkable

Medications taken by patient unknown OTC diet pills

Patient allergy history nickel, NKDA

Family medical history father: vitiligo

Review of systems

Mental status

Clinical findings

Habitual contact lens Rx

Pupils: PERRL, negative APD

EOMs: full, no restrictions OU

Cover test: distance: 10 exophoria, near: orthophoria

Confrontation fields: full to finger counting OD, OS

Keratometry

Subjective refraction *patient reported double vision and fluctuation in vision during OD refraction

Slit lamp

IOPs: OD: 15 mmHg, OS: 14 mmHg @ 12:00 pm by Goldmann applanation tonometry

Fundus OD

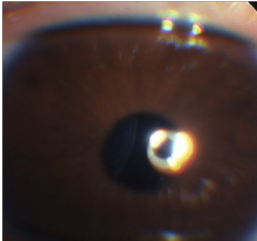
Fundus OS

Blood pressure: 112/68 mmHg, right arm, sitting

Pulse: 72 bpm, regular

- Character/signs/symptoms: worsening vision and monocular diplopia
- Location: OD
- Severity: severe
- Nature of onset: gradual
- Duration: 2 months
- Frequency: constant
- Exacerbations/remissions: none
- Relationship to activity or function: was involved in a car accident 2 months ago; vision started changing shortly after
- Accompanying signs/symptoms: none
- 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 Coopervision Biofinity / -3.00 DS / 8.6 / 14.0; VA distance: 20/100 (PH 20/25)
- OS Coopervision Biofinity / -3.25 DS / 8.6 / 14.0; VA distance: 20/20
- OD: 43.50 @ 180 / 43.75 @ 090; no distortion of mires
- OS: 43.75 @ 180 / 44.00 @ 075; no distortion of mires
- OD: -2.50 -4.75 x 112; VA distance: 20/40
- OS: -3.00 -0.50 x 170; VA distance: 20/20
- lids/lashes/adnexa: unremarkable OD, OS
- conjunctiva: normal OD, OS

- cornea: clear OD, OS
- anterior chamber: deep and quiet OD, OS
- iris: normal OD, OS
- lens: see image 1 OD, OS
- vitreous: clear OD, OS
- C/D: 0.40 H/0.45 V
- macula: normal
- posterior pole: normal
- periphery: unremarkable
- C/D: 0.40 H/0.40 V
- macula: normal
- posterior pole: normal
- periphery: unremarkable



Question 1 / 5

Given the findings observed in image 1, what is the MOST appropriate diagnosis of the patient's right ocular condition?

- A) Anterior cortical cataract
- B) Lens dislocation
- C) Posterior lenticonus
- D) Lens subluxation
- E) Traumatic cataract

Question 2 / 5

Which of the following systemic disorders is MOST frequently associated with the patient's ocular condition?

- A) Hallermann-Streiff syndrome
- B) Lowe (oculocerebrorenal) syndrome
- C) Homocystinuria
- D) Tubulointerstitial nephritis
- E) Vogt-Koyanagi-Harada syndrome
- F) Whipple disease

Question 3 / 5

Which of the following ocular signs is typically observed in conjunction with the patient's ocular condition?

- A) Keratoconus
- B) Iris coloboma
- C) Ectopic pupil
- D) Retinal detachment
- E) Posterior subcapsular cataract
- F) Iridodonesis

Question 4 / 5

What is the MOST appropriate treatment of the patient's ocular condition at this time?

- A) Patch the right eye
- B) Lensectomy
- C) Vitrectomy
- D) An iris opaque contact lens with a decentered pupil

Question 5 / 5

What is the MOST common etiology of the patient's ocular condition?

- A) An associated systemic condition
- B) Trauma

- C) Frequent eye rubbing
- D) Congenital
- E) Idiopathic
- F) An associated ocular condition