

Case KtSrqwYuERNQhMO10541 — Questions

Case Details

Demographics 21-year-old white male; student

Chief complaint blurred vision at night

History of present illness

Secondary complaints/symptoms none

Patient ocular history last eye exam 1 year ago, does not wear glasses or contact lenses

Family ocular history father: glaucoma suspect

Patient medical history depression

Medications taken by patient Wellbutrin®

Patient allergy history monoamine oxidase inhibitors

Family medical history father: hepatitis C

Review of systems

Mental status

Clinical findings

Uncorrected visual acuity

Pupils: PERRL, negative APD

EOMs: full, no restrictions OU

Cover test: distance: 4 exophoria, near: 4 exophoria

Confrontation fields: full to finger counting OD, OS

Subjective refraction

Keratometry

Dark room retinoscopy

Slit lamp

IOPs: OD: 12 mmHg, OS: 13 mmHg @ 5:50 pm by Goldmann applanation tonometry

Fundus OD

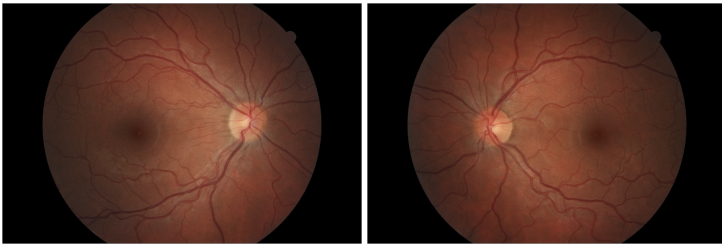
Fundus OS

Blood pressure: 104/70 mmHg, right arm, sitting

Pulse: 68 bpm, regular

- Character/signs/symptoms: difficulty with vision at night; trouble seeing street signs
- Location: OD, OS
- Severity: mild
- Nature of onset: gradual
- Duration: 6 months
- Frequency: every night
- Exacerbations/remissions: occurs at night only; better/asymptomatic during the day
- Relationship to activity or function: most noticeable when driving at night
- Accompanying signs/symptoms: glare, issues with depth perception
- Constitutional/general health: denies
- Ear/nose/throat: denies
- Cardiovascular: denies
- Pulmonary: denies
- Dermatological: denies
- Gastrointestinal: denies
- Genitourinary: denies
- Musculoskeletal: denies
- Neuropsychiatric: depression
- Endocrine: denies
- Hematologic: denies
- Immunologic: denies
- Orientation: oriented to time, place, and person
- Mood: appropriate
- Affect: appropriate
- OD: distance: 20/20; near: 20/20 @ 40 cm
- OS: distance: 20/20; near: 20/20 @ 40 cm
- OD: plano - 0.25 x 178; VA distance: 20/20, VA: near: 20/20 @ 40 cm
- OS: plano DS; VA distance: 20/20, VA near: 20/20 @ 40 cm
- OD: 43.50 @ 080 / 43.75 @ 170; no distortion of mires
- OS: 43.75 @ 180 / 44.00 @ 090; no distortion of mires
- OD: -0.75 -0.25 x 180; VA distance: 20/20
- OS: -0.75 DS; 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: clear OD, OS
- vitreous: clear OD, OS
- C/D: see image 1
- macula: see image 1
- posterior pole: see image 1
- periphery: unremarkable
- C/D: see image 2
- macula: see image 2
- posterior pole: see image 2
- periphery: unremarkable



Question 1 / 5

Which of the following represents the MOST appropriate diagnosis for the patient's complaint of decreased vision?

- A) Accommodative infacility
- B) Degenerative myopia
- C) Uncorrected astigmatism
- D) Induced myopia
- E) Accommodative insufficiency
- F) Nocturnal myopia
- G) Pseudomyopia

Question 2 / 5

Which of the following describes the MOST appropriate treatment for this patient's chief concerns?

- A) Discontinue current systemic medication
- B) Vision therapy with emphasis on accommodation treatments
- C) Treatment of the underlying systemic condition
- D) Single vision distance glasses for full-time wear
- E) Single vision distance glasses for night driving
- F) Bifocal lenses to reduce the rate of myopia progression
- G) Single vision near glasses to relax the accommodative system

Question 3 / 5

Which of the following types of aberrations contributes the MOST to the patient's complaint of reduced visual acuity?

- A) Trefoil
- B) Radial astigmatism
- C) Distortion
- D) Spherical aberration
- E) Coma

Question 4 / 5

This patient currently uses Wellbutrin® to help manage his depression. Which of the following side effects is MOST commonly associated with this medication?

- A) Thoughts of suicide
- B) Deep vein thrombosis
- C) Alopecia
- D) Bloody sputum

E) Urinary incontinence

F) Hypotension

Question 5 / 5

The patient recently lost his mother in a car accident and began crying during the exam and asked you for a tissue. What is the MOST appropriate method to dispose of his soiled tissue?

A) In a designated biohazard bin

B) In a properly labeled medical waste container

C) In an incinerator

D) In a regular trash can

E) In an autoclave machine