

# Case bOADRTLvqGskCyQS6972 — Questions

## Case Details

**Demographics** 46-year-old white female; administrative assistant

**Chief complaint** difficulties with vision; referred by neurologist for baseline evaluation

**History of present illness**

**Secondary complaints/symptoms** none

**Patient ocular history** last eye exam 1 year ago; LASIK OU; wears PALs occasionally

**Family ocular history** unremarkable

**Patient medical history** intracranial tumor (diagnosed 2 weeks ago)

**Medications taken by patient** none

**Patient allergy history** NKDA

**Family medical history** unremarkable

**Review of systems**

**Mental status**

**Clinical findings**

**Habitual spectacle Rx**

**Pupils:** PERRL, negative APD

**EOMs:** full, no restrictions OU

**Confrontation fields:** temporal restriction OD, nasal restriction OS

**Subjective refraction**

**Slit lamp**

**IOPs:** OD: 19 mmHg, OS: 19 mmHg @ 10:22 am by Goldmann applanation tonometry

**Fundus OD**

**Fundus OS**

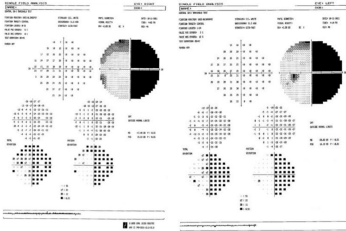
**Blood pressure:** 114/72 mmHg, right arm, sitting

**Pulse:** 70 bpm, regular

**Threshold visual fields:**

- Character/signs/symptoms: has been stumbling/bumping into things; difficulty reading, loses her place often
- Location: OD, OS
- Severity: moderate
- Nature of onset: gradual
- Duration: 1 month
- Frequency: constant
- Exacerbations/remissions: none
- Relationship to activity or function: recently diagnosed with intracranial tumor
- Accompanying signs/symptoms: vision appears dimmer
- Constitutional/general health: denies
- Ear/nose/throat: denies
- Cardiovascular: denies
- Pulmonary: denies
- Dermatological: denies
- Gastrointestinal: denies
- Genitourinary: denies
- Musculoskeletal: denies
- Neuropsychiatric: headaches
- Endocrine: denies
- Hematologic: denies
- Immunologic: denies
- Orientation: oriented to time and place and person
- Mood: appropriate
- Affect: appropriate
- OD: -0.75 -0.75 x 165 add: +1.25; VA distance: 20/20, VA near: 20/20 @ 40 cm
- OS: plano -1.00 x 015 add: +1.50; VA distance: 20/20, VA near: 20/20 @ 40 cm
- OD: -0.75 -0.50 x 160 add: +1.50; VA distance: 20/20, VA near: 20/20 @ 40 cm
- OS: -0.25 -0.50 x 020 add: +1.50; VA distance: 20/20, VA near: 20/20 @ 40 cm
- 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: 0.30 H/0.30 V
- macula: normal
- posterior pole: normal
- periphery: unremarkable
- C/D: 0.30 H/0.30 V
- macula: normal
- posterior pole: normal
- periphery: unremarkable
- OD: see image 1
- OS: see image 2



### Question 1 / 5

Based upon the results of the threshold visual field test, which of the following BEST describes the patient's visual field defect?

- A) Right homonymous hemianopsia
- B) Bitemporal hemianopsia
- C) Left heteronymous hemianopsia
- D) Right heteronymous hemianopsia
- E) Left homonymous hemianopsia
- F) Binasal hemianopsia

### Question 2 / 5

Which of the following represents the BEST choice of low vision therapy to achieve field expansion for this patient and help with her symptoms of bumping into things?

- A) 10 diopters of base-in prism right eye, and 10 diopters of base-out prism left eye
- B) 10 diopters of base-out prism right eye, and 10 diopters of base-in prism left eye
- C) 10 diopters of base-in prism over each eye
- D) Two 40 diopter Fresnel prism segments, placed base-out over the left eye in the Peli fashion
- E) 10 diopters of base-out prism over each eye
- F) Two 40 diopter Fresnel prism segments, placed base-out over the right eye in the Peli fashion

### Question 3 / 5

Based upon your answer for the previous question, what is the amount of field expansion that you would expect to achieve with the prism treatment?

- A) 20 degrees
- B) 40 degrees
- C) 5 degrees
- D) 10 degrees

### Question 4 / 5

In addition to field expansion, what 3 other devices would this patient MOST likely benefit from? (Select 3)

- A) Reach-and-touch training with prism glasses
- B) A lined bifocal
- C) A hand-held telescope for distance spotting tasks
- D) Yellow filters for improving contrast
- E) A 20 D stand magnifier for near tasks
- F) Cosmetic tinted contact lenses with a pinhole pupil

### Question 5 / 5

How would this patient's vision be classified?

- A) This patient is classified as legally blind based upon visual fields

- B) This patient is classified as legally blind based upon visual efficiency
- C) This patient is not classified as legally blind
- D) This patient is classified as legally blind based upon visual acuity