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Was the content of the article relevant to current AT practice? Yes No

Was reading the article and completing the quiz a good way for you to learn? Yes No

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28.2B Quiz Characteristics of On-Road Driving by Persons with Central Vision Loss: Learning to Drive with a Biotic Telescope

1. What are the most common telescopic magnifications used for driving?

- a. Between 2X and 4X
- b. Between 2X and 5X
- c. Between 3X and 6X
- d. Between 3X and 4X
- e. Between 2X and 3X

ANSWER: _____

2. What was the primary purpose of this study?

- a. To better understand bioptic drivers' performance under hazardous driving conditions
- b. To examine the on-road driving characteristics of experienced drivers with bioptic licenses and examine their progress
- c. To determine the efficacy of relationships between experienced bioptic drivers and trainee bioptic drivers
- d. To examine the on-road driving characteristics of drivers with bioptic learner's permits who had never previously been licensed to drive, and compare those to bioptic drivers who were already successfully licensed

ANSWER: _____

3. Which statement is most applicable to bioptic drivers?

- a. A minimum of one year of training is required for a new driver to become a licensed driver
- b. A minimum of six months is recommended for a new driver to become a licensed driver
- c. New drivers do not typically train before becoming a licensed driver
- d. A minimum of one year of training is typical, but no set amount of training is required

ANSWER: _____

4. What was the most common cause of visual impairment in the trainees?

- a. Stargardt's disease
- b. Oculocutaneous albinism
- c. Hereditary optic atrophy
- d. Ocular albinism

ANSWER: _____

5. Which impairment did the majority of trainee bioptic drivers exhibit?

- a. Ocular albinism
- b. Nystagmus
- c. Stargardt's disease
- d. Hereditary optic atrophy

ANSWER: _____

6. For how many years on average did many of the licensed bioptic drivers have experience driving with a bioptic telescope?

- a. Three
- b. Five
- c. Six
- d. Seven
- e. Four

ANSWER: _____

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7. What type of telescope did most of the licensed bioptic drivers use, and over which eye was it placed?

- a. monocular...left
- b. binocular...right
- c. monocular...right
- d. binocular...left

ANSWER: _____

8. What type of telescope did most of the bioptic trainees use, and over which eye was it placed?

- a. monocular...left
- b. binocular...left
- c. monocular...right
- d. binocular...right

ANSWER: _____

9. What percent of the five trainees were rated as safe to drive at the time of the study?

- a. 20%
- b. 40%
- c. 60%
- d. 80%
- e. 50%

ANSWER: _____

10. Which of the following statements is most accurate, according to the study?

- a. trainee bioptic drivers correctly reported road signs more often than did licensed bioptic drivers
- b. licensed drivers detected pedestrians more often than trainee drivers
- c. trainee bioptic drivers detected pedestrians and correctly reported road signs just as well as licensed bioptic drivers
- d. both trainee and licensed bioptic drivers detected most of the pedestrians, but licensed bioptic drivers correctly reported road signs more often than did trainee bioptic drivers

ANSWER: _____

11. Approximately how many of the regulatory and non-regulatory signs were correctly recognized by trainee bioptic drivers, respectively?

- a. approximately $\frac{1}{2}$ and approximately $\frac{1}{3}$
- b. approximately $\frac{1}{3}$ and approximately $\frac{1}{2}$
- c. approximately $\frac{2}{3}$ and approximately $\frac{3}{4}$
- d. approximately $\frac{1}{2}$ and approximately $\frac{1}{4}$

ANSWER: _____

12. What characteristic was rated as being worse overall for the trainees compared to the licensed drivers?

- a. reaction time
- b. scanning behavior
- c. overall attentiveness
- d. depth perception
- e. peripheral vision acuity

ANSWER: _____