

Lesson One Quiz

Drug Therapy for Glaucoma

1. Glaucoma

- a. rarely causes blindness.
- b. occurs most frequently after age 40.
- c. occurs in more than 50 million individuals in the U.S.A.
- d. occurs mainly in children.

2. The normal intraocular pressure (IOP) is

- a. 23 - 40 mm Hg.
- b. 10 - 20 mm Hg.
- c. 10 - 20 L Hg.
- d. greater than 23 mm Hg.

3. The most common type of glaucoma is

- a. angle closure glaucoma.
- b. open angle or chronic simple glaucoma.
- c. congenital glaucoma.
- d. secondary glaucoma.

4. Congenital glaucoma

- a. requires surgery.
- b. is usually caused by diabetes mellitus.
- c. may occur in association with other congenital abnormalities such as Marfan's syndrome.
- d. A and C only

5. Measurement of the IOP is accomplished by

- a. pachymetry.
- b. tonography.
- c. tonometry.
- d. visual field examination

6. Pilocarpine

- a. is a mydriatic that is used in 10% concentrations.
- b. is a miotic that is used in 10% concentrations.
- c. is a miotic that is used in concentrations as high as 4%.
- d. is used orally to treat angle closure glaucoma.

7. Carbachol

- a. does not penetrate the cornea as well as pilocarpine.
- b. is an anticholinesterase inhibitor.

- c. is similar to physostigmine.
- d. is the drug of choice for angle closure and congenital glaucoma.

8. Which of the following is the initial concentration of pilocarpine to be used in glaucoma?

- a. 1%
- b. 2%
- c. 3%
- d. 4%

9. Epinephrine

- a. is used in combination with miotics or beta blocking drugs.
- b. is a miotic.
- c. is used orally.
- d. is used in a 15% solution to treat glaucoma.

10. Which of the following is a prostaglandin analogue used to treat glaucoma?

- a. lantanoprost
- b. epinephrine
- c. prosta-C
- d. a & c

11. Beta blocking drugs

- a. block the escape of aqueous humor through the eyelid.
- b. suppress aqueous humor flow.
- c. act directly on the cornea surface.
- d. block serotonin which is needed for aqueous humor formation.

12. Which of the following are adverse effects of beta blocking drugs?

- a. dry eyes
- b. stinging upon application
- c. potential bronchospasm
- d. all of the above

13. Carbonic anhydrase inhibitors

- a. are administered orally to treat glaucoma.
- b. include acetazolamide.
- c. may produce adverse effects such as headache and gastrointestinal irritation.

- d. all of the above.

14. Which of the following are diagnostic procedures used for glaucoma?

- a. tonometry
- b. sweat test
- c. pachymetry
- d. a & c

15. The initial treatment for glaucoma with regard to drug therapy

- a. should be with multiple combinations of ophthalmic drops.
- b. should be conservative with the minimum amount of drugs at low doses.
- c. should be with a carbonic anhydrase inhibitor.
- d. a & c

16. Did this CE article achieve its stated objectives?

- a. yes
- b. no

17. How much of this program can you apply in your practice?

- a. all
- b. some
- c. very little
- d. none

18. Approximately how long did it take you to read the article, study it and answer all questions?

- a. 1 - 1.5 hours
- b. longer
- c. less

19. Type of practice

- a. retail
- b. hospital, institutional
- c. pharmacy organization/academia
- d. manufacturing, distribution, other

20. Indicate date you completed this exam (required).

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