

Lesson Five Quiz

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Gout: A review for the Pharmacist

1. **Gout**
 - a. is associated with hypouricemia
 - b. occurs in about 10% of the population of the United States
 - c. is considered to be familial
 - d. occurs primarily in young women
2. **Approximately what level of uric acid is associated with the development of gout in most individuals?**
 - a. 20 mg%
 - b. 10 mg%
 - c. 1 mg%
 - d. 10 grams%
3. **Gout**
 - a. is primarily a disease of men
 - b. frequently occurs in children
 - c. is always associated with a "gout" gene
 - d. is the same as lupus
4. **Which of the following drugs inhibits xanthine oxidase?**
 - a. salicylates
 - b. probenecid
 - c. sulfinpyrazone
 - d. allopurinol
5. **Which of the following are criteria that suggest gout as a diagnosis?**
 - a. redness over joint
 - b. tophus
 - c. hyperuricemia
 - d. all of the above
6. **Which of the following can result in alterations in serum uric acid?**
 - a. colchicine
 - b. alopecia
 - c. pH
 - d. indomethacin
7. **Phenylbutazone**
 - a. should be used for at least six weeks to determine effectiveness
 - b. is used in a dose of 4 gram daily
 - c. may cause bone marrow toxicity
 - d. directly affects serum uric acid level
8. **Probenecid**
 - a. has a half-life of about 9 hours
 - b. must be administered intravenously
 - c. is administered in a 5 mg daily dose
 - d. is not bound to plasma proteins
9. **Which of the following drugs interact(s) with allopurinol?**
 - a. colchicine
 - b. azathioprine
 - c. vitamin C
 - d. a & c
10. **Which of the following drugs could be used in patients with chronic hyperuricemia and renal dysfunction?**
 - a. allopurinol
 - b. probenecid
 - c. sulfinpyrazone
 - d. aspirin
11. **Which of the following agents have been associated with hypuricemia?**
 - a. diuretics
 - b. high doses of salicylates
 - c. vitamin C
 - d. all of the above
12. **Indomethacin**
 - a. directly affects serum uric acid levels
 - b. is used in a dose of 0.5 mg every hour
 - c. is considered more toxic than colchicine
 - d. none of the above
13. **Colchicine**
 - a. is eliminated primarily via renal pathways
 - b. causes gastrointestinal adverse effects in about 75% of patients
 - c. must be used alone
 - d. is always administered intravenously
14. **Which of the following are clinical features of acute gout?**
 - a. elevated ESR, leukopenia
 - b. leukocytosis, reduced ESR
 - c. leukocytosis, elevated ESR
 - d. fever, leukopenia
15. **Gout associated with leukemia is classified as**
 - a. secondary gout
 - b. leukemia hyperuricemia
 - c. drug-induced gout
 - d. primary gout
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 - 1½ 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).**
_____ mm/dd/yy

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