

Lesson Ten Quiz **Myasthenia Gravis & Its Treatment**

1. **Myasthenia gravis**
 - a. is considered to be an infectious disease
 - b. is associated with nerve damage in the brain
 - c. is a chronic disease associated with neuromuscular dysfunction
 - d. is similar to cirrhosis
2. **The typical age of onset for myasthenia gravis is**
 - a. 20-35 years
 - b. Greater than 60 years
 - c. childhood
 - d. before age 20
3. **Which of the following diseases have been associated with myasthenia gravis?**
 - a. rheumatoid arthritis
 - b. thyroiditis
 - c. systemic lupus erythematosus
 - d. all of the above
4. **The primary physiological substance associated with myasthenia gravis is**
 - a. norepinephrine
 - b. acetylcholine
 - c. pancreatin
 - d. myasthenase
5. **Although the exact etiology is not completely clear, myasthenia gravis is probably related to which of the following?**
 - a. an abnormal transmittor called myasthenase
 - b. autoimmune mechanisms that damage the motor end plate membrane and its acetylcholine receptors
 - c. impaired synthesis of norepinephrine
 - d. a & c
6. **Which of the following drugs should be administered with caution, or not at all, in patients with myasthenia gravis?**
 - a. penicillamine
 - b. procainamide
 - c. gentamicin
 - d. all of the above
7. **Which of the following is the most common symptom of myasthenia gravis**
 - a. muscle weakness
 - b. back pain
 - c. nausea and vomiting
 - d. headache
8. **In the early stages of myasthenia gravis, which area is the most commonly affected?**
 - a. GI tract
 - b. leg muscles
 - c. ocular muscles
 - d. neck
9. **Which of the following drugs is used to confirm the diagnosis of myasthenia gravis?**
 - a. edrophonium
 - b. prednisone
 - c. spironolactone
 - d. myasthenian
10. **Pyridostigmine**
 - a. is used primarily by injection
 - b. has a half-life of 1.5 days
 - c. may be administered in a syrup dosage form
 - d. may cause constipation in about 50% of the patients
11. **Neostigmine**
 - a. has very high bioavailability
 - b. has a half-life of about an hour
 - c. is only used for diagnostic purposes
 - d. is used in a dose of 1 gram every 6 hours
12. **Prednisone**
 - a. must be used in alternate day therapy to be effective
 - b. is used in a set dose of 20 mg in all patients
 - c. must be used with a diuretic in treating myasthenia gravis
 - d. none of the above
13. **Azathioprine**
 - a. is used in myasthenia gravis because of the autoimmune character of the disease
 - b. must be used with cyclosporine in treating myasthenia gravis
 - c. produces no adverse effects
 - d. is successful in about 99% of the cases
14. **Thymectomy**
 - a. should be done in all patients with myasthenia gravis
 - b. is used primarily in adolescents with myasthenia gravis
 - c. is beneficial and undertaken in patients under age 60, unless weakness is restricted to the ocular muscle
 - d. is used only in those patients with ocular muscle weakness
15. **Plasma exchange**
 - a. produces marked improvement in about half the patients between the first and fourth exchange
 - b. often provides remission for many years
 - c. produces improvement from out one to twelve weeks
 - d. a and 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 1/2 hours
 - b. longer
 - c. less
19. **Type of practice**
 - a. retail
 - b. hospital, institutional
 - c. manufacturing, distribution, other

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