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Course Name : D. Pharm

Year : Second Year

Subject Name : Pharmacology

Topic Name : Drugs used in Myasthenia gravis

1. Which of the following drugs is commonly used as a first-line treatment for myasthenia gravis?

- A) Acetaminophen
- B) Prednisone
- C) Pyridostigmine
- D) Metformin

Answer: C) Pyridostigmine

2. What is the primary mechanism of action of pyridostigmine in the treatment of myasthenia gravis?

- A) Blocking acetylcholine receptors
- B) Inhibiting acetylcholinesterase
- C) Enhancing neuromuscular transmission
- D) Suppressing the immune system

Answer: B) Inhibiting acetylcholinesterase

3. Which of the following drugs is used as an immunosuppressant in the treatment of myasthenia gravis?

- A) Pyridostigmine
- B) Prednisone
- C) Acetaminophen
- D) Ibuprofen

Answer: B) Prednisone

4. What is the role of immunosuppressants in the management of myasthenia gravis?

- A) Increasing acetylcholine levels
- B) Blocking neuromuscular transmission
- C) Suppressing the immune response against acetylcholine receptors
- D) Enhancing muscle strength

Answer: C) Suppressing the immune response against acetylcholine receptors

5. Which of the following drugs is a monoclonal antibody therapy approved for the treatment of myasthenia gravis?

- A) Rituximab
- B) Acetaminophen
- C) Pyridostigmine
- D) Prednisone

Answer: A) Rituximab

6. What is the mechanism of action of rituximab in myasthenia gravis?

- A) Inhibition of acetylcholinesterase
- B) Suppression of the immune system
- C) Enhancement of neuromuscular transmission
- D) Blockade of acetylcholine receptors

Answer: B) Suppression of the immune system

7. Which of the following drugs is a calcium channel blocker sometimes used as an adjunctive therapy in myasthenia gravis?

- A) Pyridostigmine
- B) Prednisone
- C) Cyclosporine
- D) Azathioprine

Answer: A) Pyridostigmine

8. What is the role of calcium channel blockers in the management of myasthenia gravis?

- A) Blocking acetylcholine receptors
- B) Enhancing neuromuscular transmission
- C) Suppressing the immune system
- D) Reducing muscle weakness and fatigue

Answer: D) Reducing muscle weakness and fatigue

9. Which of the following drugs is commonly used as an adjunctive therapy in myasthenia gravis to reduce the need for high doses of pyridostigmine?

- A) Prednisone
- B) Azathioprine
- C) Acetaminophen
- D) Ibuprofen

Answer: B) Azathioprine

10. What is the primary mechanism of action of azathioprine in myasthenia gravis?

- A) Inhibition of acetylcholinesterase
- B) Enhancement of neuromuscular transmission
- C) Suppression of the immune system
- D) Blockade of acetylcholine receptors

Answer: C) Suppression of the immune system

11. Which of the following drugs is commonly used as a corticosteroid in the treatment of myasthenia gravis?

- A) Prednisone
- B) Pyridostigmine
- C) Azathioprine
- D) Rituximab

Answer: A) Prednisone

12. Corticosteroids are used in myasthenia gravis primarily to:

- A) Increase acetylcholine levels
- B) Suppress the immune response
- C) Enhance neuromuscular transmission
- D) Block acetylcholine receptors

Answer: B) Suppress the immune response

13. Which of the following drugs is a potassium channel blocker that has been investigated for the treatment of myasthenia gravis?

- A) Pyridostigmine
- B) Prednisone
- C) Dalfampridine
- D) Rituximab

Answer: C) Dalfampridine

14. The mechanism of action of dalfampridine in myasthenia gravis involves:

- A) Enhancing acetylcholine release
- B) Inhibiting acetylcholinesterase
- C) Blocking potassium channels
- D) Suppressing the immune system

Answer: C) Blocking potassium channels

15. Which of the following drugs is sometimes used as an immunomodulatory therapy in refractory cases of myasthenia gravis?

- A) Pyridostigmine
- B) Azathioprine
- C) Prednisone
- D) Rituximab

Answer: D) Rituximab