

Multiple Sclerosis Lesson

Exercise-Activity

Multiple Choice Quiz: Knowledge of the Disease and Treatments

Objective: To assess acquired knowledge and keep the focus on treatments and therapies.

Correct answers in **bold**

Questions:

1. **Which part of the body is primarily affected by multiple sclerosis?**
 - a) The heart
 - **b) The nervous system (brain and spinal cord)**
 - c) The stomach
2. **What is myelin?**
 - **a) A fatty layer that wraps around nerves**
 - b) A type of immune cell
 - c) A substance that carries signals between cells
3. **What happens to myelin in multiple sclerosis?**
 - a) It becomes stronger to improve signals
 - **b) It is attacked by the immune system**
 - c) It becomes thicker
4. **Why is myelin important?**
 - a) It provides energy to muscles
 - b) It protects bones
 - **c) It helps nerve signals travel faster**
5. **What is the main function of immune cells?**
 - a) To release neurotransmitters
 - **b) To protect the body from bacteria and viruses**
 - c) To produce myelin
6. **What happens when myelin is damaged in multiple sclerosis?**
 - **a) Nerve signals slow down or stop**
 - b) Nerve signals speed up
 - c) The immune system becomes stronger
7. **What are some common symptoms of multiple sclerosis?**
 - a) Stomach ache and cough
 - b) Extreme hunger and sleepiness
 - **c) Blurry vision, fatigue, and tingling**
8. **Why is multiple sclerosis considered an autoimmune disease?**
 - a) Because it only affects the immune system
 - **b) Because the immune system attacks the body by mistake**
 - c) Because it is a disease caused by genes
9. **What is the main goal of medications for multiple sclerosis?**
 - a) To completely cure the disease
 - **b) To reduce symptoms and slow the progression of the disease**
 - c) To make the immune system more active
10. **Why do multiple sclerosis therapies sometimes lose effectiveness over time?**
 - a) Because the body develops a resistance to the drugs
 - b) Because the drugs become less pure over time
 - **c) Because the immune system can adapt and stop responding to the drugs**

11. What are the most innovative drugs for multiple sclerosis?

- a) Drugs for relapses
- b) Drugs that reduce inflammation
- **c) Drugs that help regenerate myelin**

12. What is one of the main goals of innovative therapies for multiple sclerosis?

- **a) To block immune cells that attack myelin**
- b) To increase the speed of nerve signals
- c) To restore damaged myelin