

# Care CEUs

## A Primer on Alzheimers Disease and the Brain

### A Primer on Alzheimer's Disease and the Brain

**1. All chemical reactions that take place in a cell to support its survival and function is the definition of which of the following?**

- A. Communication
  - B. Metabolism
  - C. Repair, remodeling, and regeneration
  - D. None of the above
- 

### What Causes Alzheimer's Disease?

**2. Early-onset dominantly inherited Alzheimer's disease always runs in families.**

- A. True
  - B. False
- 

### How is Alzheimer's Disease Treated?

**3. Which drug appears to work by blocking receptors for glutamate?**

- A. Donepezil
  - B. Rivastigmine
  - C. Galantamine
  - D. Memantine
- 

### New Neuropathological Criteria for Alzheimer's Disease

**4. The brains of many cognitively normal older individuals contain significant amounts of amyloid plaque.**

- A. True
  - B. False
-

## How Tau Pathology May Spread in the Alzheimer's Brain

5. Tangles appear in which order?

- A. Cerebral cortex, hippocampus, entorhinal cortex
  - B. Hippocampus, cerebral cortex, entorhinal cortex
  - C. Entorhinal cortex, hippocampus, cerebral cortex
  - D. Entorhinal cortex, cerebral cortex, hippocampus
- 

## Working Memory Loss in Normal Aging

6. Research now shows that multitasking boosts working memory performance.

- A. True
  - B. False
- 

## The Genetics of Alzheimer's Disease

7. Which allele increases the risk for Alzheimer's disease?

- A. APOE epsilon 2
  - B. APOE epsilon 3
  - C. APOE epsilon 4
  - D. None of the above
- 

## Brain Variability and Alzheimer's Disease

8. Tests of insulin resistance may help predict Alzheimer's risk.

- A. True
  - B. False
- 

## Beta-Amyloid Imaging

9. The use of PiB imaging is largely restricted to major research centers due to PiB's short half-life of \_\_\_\_\_, therefore needing to be made onsite.

- A. 20 minutes
- B. 45 minutes

- C. 2 hours
  - D. 4 hours
- 

## **Sensory Changes**

**10. Loss of which sense is often an early symptom in Alzheimer's disease?**

- A. Hearing
  - B. Sight
  - C. Smell
  - D. Taste
- 

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