

# 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

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### What Causes Alzheimer's Disease?

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

- A. True
- B. False

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### 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

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### 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

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## 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

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## Working Memory Loss in Normal Aging

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

- A. True
- B. False

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## 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

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## Brain Variability and Alzheimer's Disease

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

- A. True
- B. False

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## 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

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## **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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