

# **Lewy Body Dementia: Understanding and Addressing Fluctuations and Visual Hallucinations**

**Lecture given by Tanis Ferman, Ph.D.**

## **APPCN Video Didactic Resource Library – Learning Questions**

1. Dementia with Lewy bodies is attributed to the accumulation in the brain of:
  - a. Acetylcholine
  - b. Alpha-synuclein
  - c. Amyloid
  - d. Cortisol
  
2. Which factors did the speaker identify as possible contributors to mental fluctuations in DLB?
  - a. Time of day
  - b. Dehydration
  - c. Use of anti-cholinergic medications
  - d. Use of alcohol
  - e. All of the above
  
3. Which of the following statements about visual hallucinations in DLB is true?
  - a. They occur in only a small percentage of patients
  - b. They are caused by excess acetylcholine
  - c. They may occur due to lack of REM sleep
  - d. They are caused by accumulation of Lewy bodies in frontal lobe regions

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## Answer Key

1. Dementia with Lewy bodies is attributed to the accumulation in the brain of:
  - a. Acetylcholine
  - b. **Alpha-synuclein**
  - c. Amyloid
  - d. Dopamine
  
2. Which factors did the speaker identify as possible contributors to visual hallucinations in DLB?
  - a. Time of day
  - b. Dehydration
  - c. Use of anti-cholinergic medications
  - d. Use of alcohol
  - e. **All of the above**
  
3. Which of the following statements about visual hallucinations in DLB is true?
  - a. They occur in only a small percentage of patients
  - b. They are caused by excess acetylcholine
  - c. **They may occur due to lack of REM sleep**
  - d. They are caused by accumulation of Lewy bodies in frontal lobe regions