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## HIV Drugs May Reduce Alzheimer's Risk

### Description

A recent study revealed that common HIV drugs could help in reducing Alzheimer's disease (AD). Data from over 225,000 individuals was studied, which showed HIV-positive, aged patients who take a certain HIV medication have fewer Alzheimer's diagnoses compared with those who don't have HIV.

The study provides new hope for treatment strategies for Alzheimer's as it takes advantage of already existing drugs. This is vital as Alzheimer's is an increasing medical crisis. The disease presently affects almost seven million people in the USA alone, and this count is predicted to nearly double by 2050.

Scientists at Sanford Burnham Prebys have made the crucial connection between HIV drugs and a decreased incidence of AD. The research headed by Jerold Chun, M.D., Ph.D., was published in the pharmaceutical journals.

This Alzheimer's research has received significant interest and support from renowned foundations and the National Institutes of Health (NIH), emphasizing the importance of translating these findings into new treatments for AD.

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### Vocabulary List:

1. **Alzheimer** // (noun): A progressive mental deterioration that can occur in middle or old age due to generalized degeneration of the brain.
2. **Diagnoses** // (noun): The identification of the nature of an illness or other problem by examination of the symptoms.
3. **Incidence** // (noun): The occurrence or frequency of a disease or other undesirable thing.
4. **Crisis** // (noun): A time of intense difficulty, trouble, or danger.
5. **Renowned** // (adjective): Known or talked about by many people; famous.
6. **Translated** // (verb): Express the sense of (words or text) in another language.

### Vocabulary quizzes

#### Multiple Choice ( Select the Correct answer for each question. )

1. Which term refers to the act of directing attention and energy towards a specific task or goal?

Option: Network

Option: Cognitive



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- Option: Focus  
Option: Failure
2. What neurodegenerative disease is characterized by memory loss and cognitive decline?  
Option: Severe  
Option: Alzheimer  
Option: Diagnoses  
Option: Crisis
3. Which term describes the act of adhering to rules or guidelines?  
Option: Transparency  
Option: Compliance  
Option: Disclose  
Option: Intervention
4. Which term means to encourage or incite a reaction or response?  
Option: Severity  
Option: Cravings  
Option: Influence  
Option: Stimulates
5. What term describes something that is related to the treatment or healing of a disorder?  
Option: Regulating  
Option: Therapeutic  
Option: Well-being  
Option: Failure
6. Which term refers to the mental effort or focus put into a particular task?  
Option: Failure  
Option: Connection  
Option: Cravings  
Option: Concentration
7. What term refers to the ability to forecast or foresee future events or outcomes?  
Option: Incidence  
Option: Prediction  
Option: Failure  
Option: Severe
8. Which term describes advice or suggestions given to others based on expertise?  
Option: Failure  
Option: Recommendation  
Option: Complications



Option: Influence

9. What term means to examine or analyze systematically or thoroughly?

- Option: Alzheimer
- Option: Diagnoses
- Option: Scan
- Option: Renowned

10. Which term describes a system of interconnected people or things?

- Option: Compliant
- Option: Network
- Option: Discrepancies
- Option: Intervention

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

- 11. The patient experienced \_\_\_\_\_ complications following the surgery.
- 12. The project was deemed a \_\_\_\_\_ due to lack of proper planning.
- 13. The \_\_\_\_\_ of flu cases has increased significantly this year.
- 14. The company aims to maintain a high level of \_\_\_\_\_ in its operations.
- 15. She is a \_\_\_\_\_ scientist known for her groundbreaking research.
- 16. The government is required to \_\_\_\_\_ information about public spending.
- 17. Early \_\_\_\_\_ is crucial in preventing the spread of infectious diseases.
- 18. She experienced intense food \_\_\_\_\_ after starting her new diet.
- 19. Media advertisements can have a significant \_\_\_\_\_ on consumer behavior.
- 20. Regular exercise plays a key role in \_\_\_\_\_ blood sugar levels.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

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| 21. Studying in a quiet environment can enhance your ability to maintain during exams. |
| 22. LinkedIn is a popular platform for professionals to expand their professional .    |



23. The product launch was a due to the lack of market research.
24. Education plays a crucial role in improving children's abilities.
25. The surgery was successful but post-operative arose.
26. Mindfulness meditation can have a positive impact on your overall .
27. Weather forecasters use various tools to upcoming weather patterns.
28. Music therapy is considered a approach to mental health treatment.
29. Doctors may lifestyle changes to manage certain health conditions.
30. The patient's condition deteriorated and reached a stage.

## Answer

**Multiple Choice:** 1. Focus 2. Alzheimer 3. Compliance 4. Stimulates 5. Therapeutic 6. Concentration  
7. Prediction 8. Recommendation 9. Scan 10. Network

**Gap-Fill:** 11. Severe 12. Failure 13. Incidence 14. Transparency 15. Renowned 16. Disclose 17. Intervention  
18. Cravings 19. Influence 20. Regulating

**Matching sentence:** 1. Concentration 2. Network 3. Failure 4. Cognitive 5. Complications 6. Well-being 7.  
Predict 8. Therapeutic 9. Recommend 10. Severe

## CATEGORY

1. Health - LEVEL2

### Date Created

2024/04/17

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