



HPV Vaccine Dramatically Reduces Cervical Cancer Deaths in Young Americans

Description

Deaths from cervical cancer are decreasing among young women in the U.S. Scientists believe a vaccine is saving many lives.

In the last ten years, data shows a 62 percent drop in cervical cancer deaths in women under 25.

Ashish Deshmukh, from the Medical University of South Carolina, says the vaccine called [Gardasil](#) is the reason for this change.

His research did not separate women who got the vaccine from those who did not. But Deshmukh says they cannot think of another reason for such a big drop in deaths.

In the past, cervical cancer was a serious problem. The Gardasil vaccine was approved in 2006 to protect young girls from the human papillomavirus (HPV), which causes most cases of cervical cancer.

Before the vaccine, 55 young women died from cervical cancer for every 100,000 people. Now, that number is down to 13.

The study shows improving HPV vaccination is very important. The vaccine can also help boys and older women.

The study was published in [JAMA](#).

Vocabulary List:

1. **Cervical** /'sɜːrvɪkəl/ (adjective): Relating to the cervix the lower part of the uterus.
2. **Cancer** /'kænsər/ (noun): A disease caused by an uncontrolled division of abnormal cells in a part of the body.
3. **Vaccination** /,væksɪ'neɪʃən/ (noun): The act of getting a vaccine to protect against disease.
4. **Approved** /ə'pruːvd/ (verb): Officially accepted or agreed to.
5. **Research** /rɪ'sɜːrtʃ/ (noun): The systematic investigation into and study of materials and sources.
6. **Significant** /sɪg'nɪfɪkənt/ (adjective): Having an important meaning; worthy of attention.

Vocabulary quizzes



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

1. What are the primary cells of the nervous system responsible for transmitting information?

- Option: Axons
- Option: Neurons
- Option: Cognitive
- Option: Matter

2. Which neurological disorder is characterized by recurrent seizures?

- Option: Fossils
- Option: Alzheimer's
- Option: Epilepsy
- Option: Gravity

3. Which disease is associated with memory loss and cognitive decline?

- Option: Research
- Option: Alzheimer's
- Option: Challenges
- Option: Interactions

4. Which type of cancer is primarily focused on the cervical region?

- Option: Vaccination
- Option: Evolution
- Option: Cervical
- Option: Approved

5. What is the study of the beginnings of the universe and life called?

- Option: Gravity
- Option: Significant
- Option: Origins
- Option: Particles

6. What are the remains or impressions of ancient organisms preserved in rock?

- Option: Complex
- Option: Relatives
- Option: Discovery
- Option: Fossils

7. Which part of a neuron carries signals away from the cell body?

- Option: Challenges
- Option: Study
- Option: Axons



Option: Connect

8. Which term refers to processes related to thinking understanding and remembering?

Option: Neurons

Option: Cognitive

Option: Treatments

Option: Ancient

9. What force attracts objects toward each other?

Option: Interactions

Option: Matter

Option: Origins

Option: Gravity

10. Which activity involves systematic investigation to establish facts and reach new conclusions?

Option: Research

Option: Particles

Option: Approved

Option: Significant

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

11. Advancing medical science poses numerous _____ that researchers strive to overcome.

12. In a neuron dendrites receive signals the cell body processes information and axons _____ with other neurons.

13. Studying _____ civilizations provides insights into historical cultures and societies.

14. In the field of physics understanding the _____ between particles is crucial to explaining the behavior of matter.

15. The theory of _____ explains the gradual development of organisms over generations.

16. The results of the recent experiments have led to _____ advancements in the field of



chemistry.

17. Regular _____ can prevent certain diseases by stimulating the body's immune response.

18. After rigorous testing the new drug was _____ for use in medical treatment.

19. Subatomic _____ are the building blocks of all matter in the universe.

20. Advancements in medical science have led to more effective _____ for various illnesses.

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

21. Dedicated time and effort enhance the quality of learning and acquiring knowledge.
22. Exploration and research often lead to the uncovering of new findings and breakthroughs.
23. Anything that occupies space and has mass is considered as this fundamental substance in physics.
24. Examining genetic connections and lineages can reveal family ties and ancestry.
25. Intricate systems or problems often require detailed analysis and solutions.
26. These specialized cells play a vital role in transmitting electrical signals within the nervous system.
27. Obstacles and difficulties present opportunities for growth and innovation.
28. Long slender projections of neurons that conduct impulses away from the cell body.
29. Preserved remains of ancient organisms provide valuable insights into past life forms.
30. Tiny units of matter that exhibit unique properties and interactions in various fields of science.

Answer

Multiple Choice: 1. Neurons 2. Epilepsy 3. Alzheimer's 4. Cervical 5. Origins 6. Fossils 7. Axons 8. Cognitive 9. Gravity 10. Research

Gap-Fill: 11. Challenges 12. Connect 13. Ancient 14. Interactions 15. Evolution 16. Significant 17. Vaccination



18. Approved 19. Particles 20. Treatments

Matching sentence: 1. Study 2. Discovery 3. Matter 4. Relatives 5. Complex 6. Neurons 7. Challenges 8. Axons
9. Fossils 10. Particles

CATEGORY

1. Health - LEVEL1

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