



# New Pain-Free Smear Tests Coming to US Soon to Reduce Cervical Cancers

## Description

From this fall, women can take a simple swab test for cervical cancer. The current test, called a Pap smear, can be uncomfortable, leading many women to avoid going to the doctor. Delaying care can result in more women carrying HPV, the main cause of cervical cancer. A new screening test allows women to skip the uncomfortable procedure with the speculum. Instead, women can self-swab and leave the sample at the doctor's office. Results are sent to a lab to check for HPV strains. This helps doctors identify if a woman is at risk of developing cervical cancer. The new self-collection screening tools are a big step forward in cervical cancer detection. Researchers are looking to make testing even easier with at-home kits in the future. This innovation could help more women detect and treat cancer early. Women's healthcare is evolving to be more comfortable and accessible, making important screenings like the Pap smear easier for everyone.

## Vocabulary List:

1. **Cervical** /'sɜːrvɪkəl/ (adjective): Relating to the neck or the cervix particularly in a medical context.
2. **Swab** /swɑːb/ (noun/verb): A piece of soft material used for cleaning or as a test sample; to collect a sample using such a material.
3. **Speculum** /'spekjələm/ (noun): An instrument used to dilate an orifice or cavity to allow for inspection.
4. **HPV** /ˌetʃ.piː'viː/ (noun): Human Papillomavirus a group of viruses linked to cervical cancer.
5. **Detection** /dɪ'tekʃən/ (noun): The action or process of identifying the presence of something.
6. **Innovation** /ˌɪnə'veɪʃən/ (noun): The introduction of new ideas methods or products; a new idea or method.

## Comprehension Questions

### Multiple Choice

1. What type of test can women take for cervical cancer starting this fall?

Option: Blood test

Option: Pap smear

Option: MRI scan

Option: Swab test



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2. What can be uncomfortable for many women leading them to avoid going to the doctor?
- Option: Blood test
  - Option: Pap smear
  - Option: Bone density scan
  - Option: X-ray
3. What is the main cause of cervical cancer that more women may carry if they delay care?
- Option: HIV
  - Option: HPV
  - Option: Influenza
  - Option: Malaria
4. What procedure can women now skip with the new screening test for cervical cancer?
- Option: Blood test
  - Option: X-ray
  - Option: MRI scan
  - Option: Speculum examination
5. Where can women leave the sample after self-swabbing for the new cervical cancer screening test?
- Option: At home
  - Option: The lab
  - Option: The pharmacy
  - Option: Doctor's office
6. What is sent to a lab to check for HPV strains in the new cervical cancer screening test?
- Option: Blood sample
  - Option: Urine sample
  - Option: Swab sample
  - Option: Saliva sample

## Answer

**Multiple Choice:** 1. Swab test 2. Pap smear 3. HPV 4. Speculum examination 5. Doctor's office 6. Swab sample

## Vocabulary quizzes



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

1. Which medical condition is characterized by high blood sugar levels?  
Option: Diabetes  
Option: Obesity  
Option: Asthma  
Option: Arthritis
2. What term is used to describe a permanent alteration in the DNA sequence?  
Option: Inflammation  
Option: Mutation  
Option: Complications  
Option: Vaccine
3. Which hormone is released in response to stress or low blood-glucose concentration?  
Option: Amputation  
Option: Cortisol  
Option: Puffiness  
Option: HPV
4. What type of substance is administered to stimulate the production of antibodies and provide immunity against a specific disease?  
Option: Moderating  
Option: Vaccine  
Option: Supplement  
Option: Monitoring
5. How are the manifestations of a disease or condition in an individual commonly referred to?  
Option: Detection  
Option: Symptoms  
Option: Monitoring  
Option: Process
6. What term is used to describe the rapid spread of an infectious disease to a large number of people in a given population?  
Option: Epidemic  
Option: Emergency  
Option: Risk  
Option: Virulent
7. What type of foods are altered in some way before they are consumed?  
Option: Cardiac



- Option: Processed
- Option: Risk
- Option: Risk

8. In severe cases what surgical procedure might be necessary for certain diabetes complications?

- Option: Kidney Failure
- Option: Inflammation
- Option: Amputation
- Option: Monitoring

9. What are the additional medical issues that may arise as a result of a primary disease or condition?

- Option: Complications
- Option: Swab
- Option: Supplement
- Option: Diabetes

10. What is the body's response to injury or infection often characterized by redness swelling and heat?

- Option: Swab
- Option: Inflammation
- Option: Esthetician
- Option: HPV

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

- 11. High cholesterol levels may lead to \_\_\_\_\_ diseases such as heart attacks.
- 12. Being \_\_\_\_\_ increases the risk of developing diabetes.
- 13. A \_\_\_\_\_ in a critical gene can result in a genetic disorder.
- 14. Regular \_\_\_\_\_ of vital signs is crucial for managing chronic conditions.
- 15. In case of a medical \_\_\_\_\_ seek immediate help from healthcare professionals.
- 16. An \_\_\_\_\_ specializes in skincare treatments and facial therapies.
- 17. A multivitamin \_\_\_\_\_ can help fill nutritional gaps in the diet.
- 18. \_\_\_\_\_ intake of sugary foods can help in managing blood sugar levels.
- 19. Early \_\_\_\_\_ of cancer can significantly improve treatment outcomes.



20. A \_\_\_\_\_ is used to collect a sample for laboratory testing.

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

21. Patients with advanced diabetes are at a higher risk of developing complications such as due to damage to the kidneys.
22. The test can help in the early detection of certain types of cervical cancer.
23. Individuals with a family history of heart disease have a higher of experiencing heart attacks.
24. Excessive sodium intake can lead to in the face and extremities.
25. A preventive is available to protect against certain strains of human papillomavirus.
26. The rapid spread of a strain of influenza led to an epidemic in the region.
27. Poorly managed diabetes can result in severe such as nerve damage and vision problems.
28. Public health authorities declared an due to the sudden increase in reported cases of the infectious disease.
29. It is essential to blood pressure regularly to assess cardiovascular health.
30. The early of genetic mutations can aid in cancer prevention strategies.

## Answer

**Multiple Choice:** 1. Diabetes 2. Mutation 3. Cortisol 4. Vaccine 5. Symptoms 6. Epidemic 7. Processed 8. Amputation 9. Complications 10. Inflammation

**Gap-Fill:** 11. Cardiac 12. Overweight 13. Mutation 14. Monitoring 15. Emergency 16. Esthetician 17. Supplement 18. Moderating 19. Detection 20. Swab

**Matching sentence:** 1. Kidney Failure 2. HPV 3. Risk 4. Puffiness 5. HPV 6. Virulent 7. Complications 8. Epidemic 9. Monitor 10. Detection

## CATEGORY

1. Health - LEVEL2

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