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# Large-Scale Research Associates Vaping with Significantly Increased Risk of Heart Failure, According to ScienceAlert

## Description

E-cigarettes and their potential harmful effects have been a source of ongoing concern. Large, long-term studies continue to reveal strong correlations between vaping and health risks including respiratory disease, heart attacks, and stroke. The latest research, presented at the annual scientific meeting of the American College of Cardiology, brings new concerns to light.

Analysis of health records of 175,667 adults in the US by researchers at Baltimore's MedStar Health has led to the discovery of a significant link between the use of e-cigarettes and the risk of heart failure. The study, which its findings suggest that those aged 18 and above who have ever used e-cigarettes are 19 percent more likely to experience heart failure compared to non-users. Heart failure refers to a condition where the heart gradually weakens to a point where it can no longer efficiently pump blood around the body.

The unravelling of such concerns isn't particularly surprising, given what is already known about the harmful effects of nicotine – a key ingredient in many e-cigarettes. Not only is this substance highly addictive, but it is also implicated as a leading factor in the transition from vaping to cigarette smoking in young people. Evidence also suggests that e-cigarettes, even when marketed as 'nicotine-free', often contain the harmful substance.

However, this recent study could only establish a correlation between e-cigarette usage and heart failure. It remains incumbent upon further research to delve deeper into this connection, with hopes of understanding the frequency of e-cigarette usage and, ultimately, the true risk it poses for heart failure. As awareness grows, it is hoped both consumers and public health institutions can make informed decisions and policies concerning e-cigarette use.

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## Vocabulary List:

1. **Correlations** // (noun): Connections or relationships between different factors or variables.
2. **Implicated** // (verb): Suggest to be involved in or connected to a crimeeventor situation.
3. **Incumbent** // (adjective): Necessary or essential as a duty or responsibility.
4. **Informed** // (adjective): Having or showing knowledge or understanding of a particular subject or situation.
5. **Incumbent** // (noun): A person who currently holds a particular position or office.
6. **Unravelling** // (noun): The act or process of clarifying or solving a complicated issue or situation.

## Vocabulary quizzes



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

1. Which type of cancer mainly affects the prostate gland in men?  
Option: Breast Cancer  
Option: Lung Cancer  
Option: Prostate Cancer  
Option: Skin Cancer
2. What is the plural form of the word "Diagnosis"?  
Option: Diagnoses  
Option: Diagnosiss  
Option: Diagnosies  
Option: Diagnosees
3. Which term refers to a heavy load or responsibility?  
Option: Gift  
Option: Burden  
Option: Joy  
Option: Freedom
4. What is the term used to describe the act of getting involved in a situation to alter an outcome?  
Option: Intervention  
Option: Abstention  
Option: Detraction  
Option: Indifference
5. Which term is used to describe a characteristic or quality of a person or thing?  
Option: Defect  
Option: Attribute  
Option: Shortcoming  
Option: Fault
6. What term means thriving or developing in a healthy or vigorous way?  
Option: Declining  
Option: Stagnant  
Option: Flourishing  
Option: Withering
7. Which term describes something related to the healing of disease?  
Option: Harmful  
Option: Therapeutic  
Option: Toxic



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Option: Dangerous

8. What term means done at random without careful judgment?

Option: Selective

Option: Indiscriminate

Option: Specific

Option: Targeted

9. What do we call additional medical problems that arise during a disease or condition?

Option: Solutions

Option: Simplicities

Option: Complications

Option: Resolutions

10. Who is a medical doctor specializing in the diagnosis and treatment of cancer?

Option: Cardiologist

Option: Pediatrician

Option: Oncologist

Option: Endocrinologist

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

11. An \_\_\_\_\_ in COVID-19 cases was recorded after the public gatherings.

12. As a photography \_\_\_\_\_ she owned multiple cameras and lenses.

13. The \_\_\_\_\_ of the drums could be heard from afar during the festival.

14. The doctor explained the \_\_\_\_\_ of the patient's condition to the family.

15. The new educational policy aims to bring about \_\_\_\_\_ changes in the system.

16. The bacteria became \_\_\_\_\_ to the antibiotic after prolonged exposure.

17. He always had \_\_\_\_\_ ideas for solving complex problems.

18. \_\_\_\_\_ is a genetic disorder that causes tumors to grow on nerve tissue.

19. The doctor assured the patient that the tumor was \_\_\_\_\_ and not cancerous.

20. The accident left him with temporary \_\_\_\_\_ in his lower limbs.



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

21. of certain conditions can lead to delayed treatment and worsened outcomes.
22. She felt after eating the spoiled food from the picnic.
23. His speech had a impact on the audience leaving them introspective.
24. The small business showed signs of after implementing new marketing strategies.
25. The detective spent hours the mystery to uncover the truth.
26. The study aimed to find between diet and heart disease.
27. The evidence strongly him in the crime leading to his arrest.
28. It is upon all citizens to vote in the upcoming election.
29. She was well- about the potential risks before signing the contract.
30. The surgery went well without any arising during the procedure.

**Answer**

**Multiple Choice:** 1. Prostate Cancer 2. Diagnoses 3. Burden 4. Intervention 5. Attribute 6. Flourishing  
7. Therapeutic 8. Indiscriminate 9. Complications 10. Oncologist

**Gap-Fill:** 11. upsurge 12. enthusiast 13. pounding 14. severity 15. transformative 16. resistant  
17. unconventional 18. Neurofibromatosis 19. benign 20. paralysis

**Matching sentence:** 1. Underdiagnosis 2. Nauseated 3. Profound 4. Flourishing 5. Unravelling 6. Correlations  
7. Implicated 8. Incumbent 9. Informed 10. Complications

**CATEGORY**

1. Health - LEVEL6

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