



## Doctors are questioning if COVID-19 is responsible for the emergence of 'unusual' cancers post-pandemic.

### Description

Kashyap Patel, a doctor at Carolina Blood and Cancer Care Associates in Rock Hill, South Carolina, noticed an alarming trend among his patients during the pandemic. Younger patients were being diagnosed with rare and aggressive cancers, such as cholangiocarcinoma, which typically affects older individuals. Similar cases were reported by other oncologists, raising concerns about a possible link between the coronavirus and cancer.

Experts have long suspected that certain viruses may play a role in the development of cancer. Recent studies have suggested that infectious agents like HPV and Epstein-Barr virus can contribute to the onset of cancer. Now, there is growing speculation that the coronavirus could also be a factor.

While some scientists remain skeptical of this hypothesis, others point to early data showing a rise in late-stage cancers since the start of the pandemic. Researchers are now investigating how the coronavirus may affect the body at the cellular level and whether it could trigger or exacerbate cancer growth.

One study from the University of Colorado found that SARS-CoV-2 infection in mice with dormant cancer cells led to their proliferation, raising concerns about the potential impact on human cancer patients. Other studies have suggested that the coronavirus may fuel the replication of certain viruses known to cause cancer.

Patel and his colleagues are conducting research to understand the unusual pattern of cancer cases they have observed since the pandemic began. They are collecting data from hundreds of patients and hope to establish a national registry to analyze trends. If a link between the virus and cancer is confirmed, it could have significant implications for cancer treatment and management in the future.

As more research is conducted to explore the potential connection between the coronavirus and cancer, patients like Bob and Bonnie Krall, who have experienced multiple cancer diagnoses since contracting COVID-19, are left wondering about the impact of the virus on their health. Despite the uncertainties, scientists are working diligently to uncover the truth behind this troubling phenomenon.

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## Vocabulary List:

1. **Alarming** // (adjective): Causing feelings of fearworryor concern.
2. **Aggressive** // (adjective): Characterized by or resulting from aggression.
3. **Carcinoma** // (noun): A type of cancer that starts in cells that make up the skin or the tissue lining organs.
4. **Speculation** // (noun): The forming of a theory or conjecture without firm evidence.
5. **Proliferation** // (noun): Rapid increase in numbers.
6. **Uncover** // (verb): To reveal or make known.

## Vocabulary quizzes

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

1. Which infectious disease is commonly known as the flu?

Option: Avian influenza

Option: Influenza

Option: Pathogenic disease

Option: Cancer

2. What term describes the process of passing something from one person to another?

Option: Synthesis

Option: Transcription

Option: Infection

Option: Transmission

3. What is the goal of maintaining a good level of physical health and well-being?



- Option: Muscle Mass
- Option: Sustainability
- Option: Fitness
- Option: Core funding

4. Which term refers to a type of cancer that begins in the skin or in tissues that line or cover internal organs?

- Option: Proliferation
- Option: Carcinoma
- Option: Alarming
- Option: Aggressive

5. What is the act of preparing and giving out medication called?

- Option: Medication
- Option: Interventions
- Option: Funding crisis
- Option: Dispensing

6. Who is a person or company that makes goods for sale?

- Option: Speculation
- Option: Manufacturer
- Option: Operational costs
- Option: Surveillance

7. What term is used when a disease or illness is identified by its signs and symptoms?

- Option: Implications
- Option: Uncover
- Option: Diagnosed
- Option: Achieve

8. What biological process involves combining simple substances to form more complex substances?

- Option: Achieve
- Option: Cellular
- Option: Synthesis
- Option: Manufacturing

9. What is the term for preserving something in its existing state or condition?

- Option: Maintain
- Option: Mounting financial pressures
- Option: Aggressive
- Option: Retired

10. What term describes a substance used to treat or prevent disease?



- Option: Medication
- Option: Proliferation
- Option: Alarming
- Option: Retired

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

11. The organization faced a \_\_\_\_\_ due to lack of financial resources.
12. It is essential to secure \_\_\_\_\_ to ensure the long-term sustainability of the project.
13. The company struggled to cover its \_\_\_\_\_ as expenses continued to rise.
14. The business was under significant strain due to \_\_\_\_\_.
15. His primary goal was to \_\_\_\_\_ a high level of physical fitness.
16. The recent increase in pollution levels is \_\_\_\_\_ and requires immediate attention.
17. The rapid \_\_\_\_\_ of online shopping has transformed the retail industry.
18. The investigation aims to \_\_\_\_\_ the truth behind the mysterious disappearance.
19. The discovery of new evidence has significant \_\_\_\_\_ for the ongoing case.
20. The doctor recommended a series of medical \_\_\_\_\_ to manage the patient's condition.

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

21. It is important to consider the _____ of our actions to ensure a better future for the planet.
22. The company adopted an marketing strategy to expand its market share quickly.
23. respiration is the process of converting glucose into energy within cells.
24. After working for decades Jane decided to _____ and enjoy her retirement.
25. The stock market is often subject to wild swings based on investor _____.



26. Regular exercise helps maintain healthy and strength.
27. Public health agencies conduct to monitor the spread of infectious diseases.
28. The automotive industry experienced a boom in output last quarter.
29. With hard work and dedication she was able to her lifelong dream of becoming a published author.
30. Early detection is crucial in improving survival rates for patients with .

## Answer

**Multiple Choice:** 1. Influenza 2. Transmission 3. Fitness 4. Carcinoma 5. Dispensing 6. Manufacturer  
7. Diagnosed 8. Synthesis 9. Maintain 10. Medication

**Gap-Fill:** 11. Funding crisis 12. Core funding 13. Operational costs 14. Mounting financial pressures 15.  
Achieve 16. Alarming 17. Proliferation 18. Uncover 19. Implications 20. Interventions

**Matching sentence:** 1. Sustainability 2. Aggressive 3. Cellular 4. Retired 5. Speculation 6. Muscle Mass  
7. Surveillance 8. Manufacturing 9. Achieve 10. Cancer

## CATEGORY

1. Health - LEVEL6

## Date Created

2024/06/06

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