

New study uncovers potential link between lymphoma and tattoos

Description

A recent study from Sweden suggests that individuals with tattoos may have a higher risk of developing lymphoma, a type of blood cancer. The study, led by researcher Christel Nielsen from Lund University, found a 21% increased risk of lymphoma among those with tattoos. However, Nielsen emphasizes that lymphoma is a rare disease, and further research is needed to confirm these results. The study involved 11,905 participants who were asked about their lifestyle factors, including whether they had tattoos. Interestingly, the size of the tattoo did not seem to impact the risk of lymphoma. Nielsen's team hypothesized that tattoo ink triggers inflammation in the body, possibly leading to cancer. The study highlights the importance of regulating tattoo ink composition and monitoring potential health risks associated with tattoos. Further research is planned to explore links between tattoos and other cancers or inflammatory diseases. Nielsen advises individuals to seek medical attention if they experience symptoms related to their tattoos.

Vocabulary List:

1. **Lymphoma** /lɪmˈfəmə/ (noun): A type of blood cancer that affects the lymphatic system.
2. **Rare** /rɛər/ (adjective): Not common or occurring frequently.
3. **Inflammation** /ɪnflæmˈeɪʃn/ (noun): A localized physical condition where part of the body becomes reddened/swollen/hot and often painful.
4. **Regulating** /rɪˈgjʊlɪtɪŋ/ (verb): Controlling or supervising by means of rules and regulations.
5. **Composition** /kəmˈpəzɪʃn/ (noun): The nature of something's ingredients or constituents the way in which a whole or mixture is made up.
6. **Monitoring** /mənɪˈtɔːrɪŋ/ (noun): The act of observing and checking the progress or quality of something over a period of time.

Vocabulary quizzes

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

1. What activity involves examining, analyzing, and researching?

Option: Eating
Option: Investigating
Option: Sleeping
Option: Playing



2. What is a method to prevent or provide immunity to a particular disease?

- Option: Medication
- Option: Vaccination
- Option: Exercise
- Option: Surgery

3. Which medical condition is caused by the reactivation of the varicella-zoster virus?

- Option: Migraine
- Option: Shingles
- Option: Diabetes
- Option: Asthma

4. What is the condition in which blood clots form in a blood vessel?

- Option: Hypertension
- Option: Asthma
- Option: Thrombosis
- Option: Arthritis

5. Which term describes a condition where the body's immune system attacks its own cells?

- Option: Contagious
- Option: Autoimmune
- Option: Vaccination
- Option: Detection

6. What is the body's response to injury or infection characterized by redness swelling and pain?

- Option: Regulating
- Option: Inflammation
- Option: Composition
- Option: Monitoring

7. Which proteins help the body's immune system recognize and fight off pathogens?

- Option: Antibodies
- Option: Enhancing
- Option: Consult
- Option: Lymphoma

8. What are unforeseen or abnormal outcomes or issues that arise during a medical condition?

- Option: Rare
- Option: Complications
- Option: Adenovirus
- Option: Genetic

9. Which term relates to the nervous system particularly the brain and nerves?

- Option: Indicators
- Option: Neurological
- Option: Autoantibody
- Option: Monitoring

10. What type of antibody mistakenly targets a person's own tissues as if they were pathogens?

- Option: Detection
- Option: Autoantibody
- Option: Indicators
- Option: Regulating

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

11. _____ with health authorities can help prevent the spread of infectious diseases.

12. Regular exercise is key to _____ one's overall health.

13. Fever and fatigue are common _____ of an underlying infection.

14. The endocrine system is responsible for _____ various bodily functions through hormone release.

15. Doctors recommended closely _____ the patient's vital signs after surgery.

16. Food and drinks are _____ to provide essential nutrients to the body.

17. Severe arthritis can lead to _____ pain and limited mobility.

18. Although _____ the condition can be life-threatening if not treated promptly.

19. The _____ of a vaccine determines its effectiveness in combating specific diseases.

20. Early _____ of cancer greatly improves treatment outcomes.

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

21. Adenovirus is a common cause of respiratory infections in humans.



22. Certain diseases have a strong component making them more likely to run in families.

23. is a type of cancer that affects the lymphatic system.

24. If you have any concerns about your health it is advisable to a healthcare professional.

25. Computers understand and process information using a system of 0s and 1s.

26. An autoimmune disorder occurs when the immune system produces that attack the body's own cells.

27. Deep vein is a type of thrombosis that can lead to serious health complications if not treated promptly.

28. Regular exercise plays a crucial role in one's physical fitness and mental well-being.

29. Increased heart rate and abnormal test results are of a potential heart condition.

30. is one of the most effective ways to prevent contagious diseases and protect public health.

Answer

Multiple Choice: 1. Investigating 2. Vaccination 3. Shingles 4. Thrombosis 5. Autoimmune 6. Inflammation 7. Antibodies 8. Complications 9. Neurological 10. Autoantibody

Gap-Fill: 11. Cooperating 12. Enhancing 13. Indicators 14. Regulating 15. Monitoring 16. Ingested 17. Debilitating 18. Rare 19. Composition 20. Detection

Matching sentence: 1. Adenovirus 2. Genetic 3. Lymphoma 4. Consult 5. Binary 6. Autoantibody 7. Thrombosis 8. Enhancing 9. Indicators 10. Vaccination

CATEGORY

1. Health - LEVEL2

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