



Orange County Reports 5th Case of Flea-Borne Typhus

Description

A case of flea-borne typhus has been discovered near the intersection of Slater Avenue and Magnolia Street in Fountain Valley, prompting public health advisories in the area. According to Brian Brannon from Orange County Mosquito and Vector Control, the disease is primarily spread by the excrement of fleas, which enters the bloodstream when scratched. Orange County has seen five confirmed cases of flea-borne typhus this year, with instances in Fountain Valley, Santa Ana, Anaheim, and Garden Grove.

Brannon emphasized the importance of monitoring pets for fleas, as they can carry the disease. He specifically warned against interacting with feral cats and possums, known carriers of typhus. Symptoms of the disease include fever, rash, and severe headache, with some cases requiring hospitalization.

While typhus is not transmissible between people, precautions such as regular pet flea treatments, wearing insect repellent outdoors, and keeping a clean environment to deter animals are advised by OC Vector. Any sightings of dead animals should be reported to animal control.

Despite the severity of typhus, no deaths have been reported in Orange County. Residents are urged to take preventive measures and be vigilant in protecting against this potentially deadly disease. Stay informed and take proactive steps to safeguard against flea-borne illnesses.

Vocabulary List:

1. **Typhus** /'taɪ.fəs/ (noun): A contagious disease characterized by fever headache and rash often spread by fleas.
2. **Excrement** /'ɛk.skrə.mənt/ (noun): Waste matter produced by an organism.
3. **Feral** /'fɛr.əl/ (adjective): In a wild state; especially after escape from captivity or domestication.
4. **Vector** /'vɛk.tər/ (noun): An organism that transmits a pathogen from one host to another.
5. **Precautions** /prɪ'kɔːʃənz/ (noun): Measures taken in advance to prevent something dangerous or unpleasant from happening.
6. **Vigilant** /'vɪdʒ.ɪ.lənt/ (adjective): Keeping careful watch for possible danger or difficulties.

Comprehension Questions

Multiple Choice



1. Which of the following symptoms is associated with flea-borne typhus?
 - Option: Nausea and vomiting
 - Option: Fever rash and severe headache
 - Option: Cough and sore throat
 - Option: Joint pain and muscle aches

2. How is flea-borne typhus primarily spread?
 - Option: By air droplets
 - Option: Through direct contact with an infected person
 - Option: By the excrement of fleas entering the bloodstream
 - Option: By consuming contaminated food

3. What precaution is advised by OC Vector to prevent flea-borne typhus?
 - Option: Eating raw garlic daily
 - Option: Avoiding sunlight exposure
 - Option: Wearing insect repellent outdoors
 - Option: Drinking unpasteurized milk

4. What is the role of feral cats and possums in flea-borne typhus transmission?
 - Option: Act as carriers of the disease
 - Option: Help eliminate fleas in the environment
 - Option: Provide immunity to humans against typhus
 - Option: Cause the disease to evolve into a different strain

5. How many confirmed cases of flea-borne typhus have been reported in Orange County this year?
 - Option: 10
 - Option: 5
 - Option: 3
 - Option: 7

6. What action should be taken if dead animals are sighted?
 - Option: Leave them where they are
 - Option: Remove and bury them in the backyard
 - Option: Report to animal control
 - Option: Feed them to stray dogs

Answer

Multiple Choice: 1. Fever rash and severe headache 2. By the excrement of fleas entering the bloodstream 3. Wearing insect repellent outdoors 4. Act as carriers of the disease 5. 5 6. Report to animal control



Vocabulary quizzes

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

1. Which infectious disease is caused by Rickettsia bacteria?
Option: Dengue fever
Option: Typhus
Option: Malaria
Option: Cholera
2. High levels of which substance can contribute to heart disease?
Option: Protein
Option: Cholesterol
Option: Fiber
Option: Vitamin C
3. Which term describes individuals who have received a vaccine against a specific disease?
Option: Contagious
Option: Exposure
Option: Sensitivity
Option: Vaccinated
4. Which substances help prevent cell damage caused by free radicals?
Option: Carbohydrates
Option: Antioxidants
Option: Calcium
Option: Iron
5. What term refers to the unequal distribution of resources and opportunities among different groups?
Option: Resilience
Option: Inequality
Option: Moderation
Option: Deficiencies
6. Which organ is known as the "second brain" due to its complex neural network?
Option: Heart
Option: Brain
Option: Stomach
Option: Gut
7. What term describes false or inaccurate information spread unintentionally?



- Option: Supplementation
- Option: Endorse
- Option: Misinformation
- Option: Precautions

8. In the context of disease what term describes an organism that transmits pathogens to humans?

- Option: Precautions
- Option: Vector
- Option: Endorse
- Option: Uptick

9. Which term refers to how reactive an individual is to certain stimuli or substances?

- Option: Vigilant
- Option: Sensitivity
- Option: Misinformation
- Option: Endothelial

10. Which term refers to waste matter discharged from the body?

- Option: Supplementation
- Option: Excrement
- Option: Inflammation
- Option: Antioxidants

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

11. _____ is the ability of a person to cope with and recover from difficult situations.

12. _____ cells line the interior surface of blood vessels.

13. The success of the project was _____ upon securing additional funding.

14. There has been a noticeable _____ in the number of COVID-19 cases in recent weeks.

15. Vitamin and mineral _____ can lead to various health problems.

16. She felt _____ by the amount of work she had to complete before the deadline.

17. Lack of exercise and poor diet are _____ factors to the rise in obesity.



18. Taking necessary _____ can help prevent the spread of infectious diseases.
19. Some individuals may require dietary _____ to meet their nutritional needs.
20. Chronic _____ in the body is linked to various diseases including arthritis.

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

21. The abandoned cat had reverted to a wild and state.
22. Security guards must remain to detect any potential threats.
23. Historically lice have been a common for transmitting the disease .
24. The celebrity decided to the new skincare product.
25. Enjoying sweets in is key to maintaining a healthy diet.
26. The hospital implemented strict protocols to prevent the spread of diseases.
27. Her and perseverance helped her overcome many challenges.
28. It is important to tasks based on their urgency and importance.
29. Measles is a highly disease that spreads easily among unvaccinated individuals.
30. Long-term to environmental toxins can have detrimental effects on health.

Answer

Multiple Choice: 1. Typhus 2. Cholesterol 3. Vaccinated 4. Antioxidants 5. Inequality 6. Gut 7. Misinformation 8. Vector 9. Sensitivity 10. Excrement

Gap-Fill: 11. Resilience 12. Endothelial 13. Contingent 14. Uptick 15. Deficiencies 16. Overwhelmed 17. Contributing 18. Precautions 19. Supplementation 20. Inflammation

Matching sentence: 1. Feral 2. Vigilant 3. Typhus 4. Endorse 5. Moderation 6. Infectious 7. Resilience 8. Prioritize 9. Contagious 10. Exposure

CATEGORY

- 1. Health - LEVEL4

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