



Second case of bird flu in humans traced back to cows discovered through text messages

Description

A dairy farm worker in Michigan has tested positive for an H5 bird flu virus, making it the second human case linked to the outbreak of highly pathogenic avian influenza H5N1 virus among dairy cows in the US. The worker experienced a mild eye infection and has since recovered, similar to the first case in Texas. Health officials monitored the worker for symptoms due to exposure to H5N1-infected cattle.

The CDC confirmed the infection after swabbing the worker's nose and eye, with the nasal swab testing negative and the eye swab positive. The risk assessment for the general public remains low, but precautions for those exposed to infected animals are emphasized.

It is suspected that the worker may have been infected by raw milk splashed in the eye or contaminated hands. Further testing is needed to determine if the virus is H5N1 and if it poses potential risks for human-to-human transmission. Experts are closely monitoring the outbreak in dairy cows for any signs of the virus adapting to humans.

The federal government is working on producing a vaccine matched to the virus circulating in dairy cows. Currently, 52 dairy cow herds across nine states have been infected with H5N1, with Michigan reporting 19 infected herds. This ongoing situation highlights the importance of early detection and monitoring of emerging illnesses.

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Vocabulary List:

1. **Pathogenic** // (adjective): Capable of causing disease.
2. **Avian** // (adjective): Relating to birds.
3. **Influenza** // (noun): A viral infection causing fever and respiratory symptoms.
4. **Contaminated** // (adjective): Made impure by exposure to harmful substances.
5. **Transmission** // (noun): The act or process of passing something from one place or person or thing to another.
6. **Adapting** // (verb): Changing to fit new circumstances or conditions.

Vocabulary quizzes

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

1. What is the process of passing something from one person or place to another?
Option: A) Inhaling
Option: B) Modulators
Option: C) Transmission
Option: D) Therapies
2. What term is used to describe the sudden increase in occurrences of a disease in a particular time and place?
Option: A) Deterioration
Option: B) Outbreak
Option: C) Monitoring
Option: D) Alternative
3. What is the term for identifying a disease or illness through its signs and symptoms?
Option: A) Pediatric
Option: B) Deterioration
Option: C) Diagnosed
Option: D) Deny
4. What type of medication is used to treat retroviruses?
Option: A) Contaminated



- Option: B) Antiretroviral
- Option: C) Adapting
- Option: D) Circulating

5. Which term relates to birds?

- Option: A) Pediatric
- Option: B) Infection
- Option: C) Avian
- Option: D) Modulators

6. A condition that is present at birth is referred to as:

- Option: A) Link
- Option: B) Pediatric
- Option: C) Cognitive
- Option: D) Congenital

7. Which word means to grow or develop well?

- Option: A) Alternative
- Option: B) Thrived
- Option: C) Sirenomelia
- Option: D) Modulators

8. What is a rare and fatal congenital malformation characterized by fusion of the lower limbs?

- Option: A) Contaminated
- Option: B) Sirenomelia
- Option: C) Monitoring
- Option: D) Deny

9. What medical procedure involves moving an organ or tissue from one body to another?

- Option: A) Transmission
- Option: B) Cognitive
- Option: C) Thrived
- Option: D) Transplant

10. If something is polluted infected or harmful due to the presence of unwanted substances it is considered:

- Option: A) Contaminated
- Option: B) Influenza
- Option: C) Link
- Option: D) Alternative



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

11. The virus was _____ in the community leading to a surge in cases.
12. The doctor's words were _____ to the patient providing comfort and hope.
13. After the surgery the patient required close _____ to ensure recovery progress.
14. The researchers were trying to establish a _____ between the new drug and improved outcomes.
15. When traditional treatments failed the patient sought an _____ therapy.
16. The doctor identified the _____ agent responsible for the disease outbreak.
17. The virus showed signs of _____ to the host environment making treatment more challenging.
18. The patient's _____ functions were assessed after the head injury.
19. The patient's condition continued to worsen indicating _____ despite treatment.
20. The patient refused to _____ the severity of their symptoms delaying diagnosis.

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

21. Breathing in air smoke or other substances.
22. Relating to the branch of medicine dealing with children and their diseases.
23. Substances that regulate or control a particular process.
24. The process of becoming progressively worse.
25. To refuse to admit the truth or existence of something.
26. To connect or bring into relation.



27. Adjusting to new conditions or modifying to fit different circumstances.
28. Treatments to relieve or heal a disorder or illness.
29. A rare condition where a baby is born with its legs fused together.
30. Resulting in death.

Answer

Multiple Choice: 1. C) Transmission 2. B) Outbreak 3. C) Diagnosed 4. B) Antiretroviral 5. C) Avian 6. D) Congenital 7. B) Thrived 8. B) Sirenomelia 9. D) Transplant 10. A) Contaminated

Gap-Fill: 11. circulating 12. reassuring 13. monitoring 14. link 15. alternative 16. pathogenic 17. adapting 18. cognitive 19. deterioration 20. deny

Matching sentence: 1. inhaling 2. pediatric 3. modulators 4. deterioration 5. deny 6. link 7. adapting 8. therapies 9. sirenomelia 10. fatal

CATEGORY

1. Health - LEVEL3

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