

Information on Recent Cases of Canine Influenza in Michigan

Update from MVMA and Oakland Veterinary Referral Services (OVRS)

As of July 20, 2018, there have been 4 confirmed cases of H3N2 canine influenza in Michigan: 2 cases in Macomb County, 1 case in Wayne County, and 1 case in Oakland County.

Here are some suggested guidelines to follow if you suspect a patient may have canine influenza, provided by OVRS:

1. Train staff and volunteers about the signs and symptoms of canine influenza
2. Quarantine high-risk dogs for 1 week, and isolate all dogs showing signs of respiratory infection. If a client calls to bring in their pet that shows upper respiratory signs, consider having them leave their pet in the car with the air conditioning on while they come in and fill out paperwork.
3. Ensure animals are appropriately vaccinated on intake.
4. Be sure to clean and disinfect all clothing, hands, and equipment that comes into contact with dogs with upper respiratory signs, and those that come into contact with a large number of animals.

At OVRS, we use RescueTM Ready to Use disinfectant from Virox Animal HealthTM, which has said the following: "Canine influenza is an enveloped virus (easy to inactivate by chemical disinfection). Accelerated Hydrogen Peroxide (AHP) products have proven efficacy against a number of enveloped and non-enveloped (harder to inactivate by chemical disinfection) viruses. Rescue does have an efficacy claim for Influenza A, therefore we expect it to be effective against both strains of Canine Influenza. This is because in accordance to the EPA based on available scientific information, a product currently registered against a strain of Influenza A virus will be effective against other influenza A virus strains on hard, non-porous surfaces. The contact time for Rescue Ready to Use liquid and wipes is 1 minute and for Rescue concentrates at a 1:64 dilution the contact time is 5 minutes."

MVMA has been in touch with the Michigan Department of Agriculture and Rural Development (MDARD) and understand they plan to release a statement soon.

As a refresher, signs of CIV include:

- A dry hacking cough

- Coughing up a white, foamy phlegm
- Lethargy
- Vomiting
- Lack of appetite
- Runny nose
- Rapid breathing
- Fever

Any suspected Canine Influenza case should be handled just as cautiously as Parvovirus and kennel cough. That means that any patient in the hospital that is suspicious of Canine Influenza and doesn't need oxygen should go into isolation; all isolation and disinfection protocols should be followed.

The H3N8 strain can be killed with quaternary ammonium compounds and bleach solutions with at least a dilution of 1:30. Pay attention to the manufacturer's directions for proper contact time for the most successful decontamination. The virus will also die on its own just by being on a labile object in the environment for 48 hours. Remember that only a limited number of staff members should be dealing with cases that are CIV suspect to decrease the risk of spreading.

How to Report Canine Influenza to MDARD

Phone: 800-292-3939 (daytime) or 517-373-0440 (emergencies only)

Email: Visit the "[Reportable Disease](#)" page at [Michigan.gov/dvmresources](#) and download the[Reporting a Reportable Animal Disease form](#), once complete, email it to tomireportableanimal@michigan.gov.

Additional Resources

[Canine Influenza FAQ: Questions, Answers, and Interim Guidelines](#)

[Canine Influenza: Veterinarian Reference Guide](#)

[Canine Influenza: Pet Owners' Guide](#)

[Zoetis Technical Bulletin](#)

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