



## What is Canine Influenza? Cats get it, too?



Canine influenza (CI), or dog flu, is a highly contagious viral infection affecting dogs and also cats.

Influenza viruses are able to quickly

change and give rise to new strains that can infect different species. Both strains of canine influenza identified in the U.S. can be traced to influenza strains known to infect species other than dogs. At some point, these viruses acquired the ability to infect dogs and be transmitted from dog to dog.

Canine influenza was first identified in Florida in 2004 in racing greyhounds. It is thought this strain developed from an equine H3N8 influenza strain that jumped from horses to dogs. Since being detected in 2004, canine H3N8 influenza has been identified in dogs in most U.S. states and the District of Columbia.

Canine H3N2 influenza was first identified in the United States in March 2015 following an outbreak of respiratory illness in dogs in the Chicago area. Prior to this, reports of canine H3N2 influenza virus were restricted to South Korea, China and Thailand. It was initially identified in dogs in Asia in 2006-2007 and likely arose through the direct transfer of an avian influenza virus - possibly from among viruses



We are committed to high quality veterinary medicine and to the establishment of an atmosphere of caring for animals and their owners.

We do this with a well-trained staff, clinic and mobile service, and with facilities, equipment, and medicines to meet the health needs of the animals in our care.



circulating in live bird markets - to dogs.

Following the initial diagnosis in Chicago, additional cases of canine H3N2 influenza were reported in a number of states. In early 2016, a group of shelter cats in Indiana were diagnosed with H3N2 canine influenza. It is believed the virus was transmitted to them from infected dogs.



In May 2017, canine H3N2 influenza was diagnosed in dogs in Florida, Georgia, North Carolina,

South Carolina, Texas, Kentucky, Tennessee, Missouri, Louisiana, and Illinois. This was the same strain of H3N2 involved in the 2015 outbreak in Chicago.

There is no evidence that either strain of canine influenza (H3N8, H3N2) can infect humans.

#### Transmission

Canine influenza is transmitted through droplets or aerosols containing respiratory secretions from coughing, barking and sneezing. Dogs in close contact with infected dogs in places such as kennels, groomers, day care facilities and shelters are at increased risk of infection. CI can be spread indirectly through objects (e.g., kennels, food and water bowls, collars and leashes) or people that have been in contact with infected dogs. It is important to clean and disinfect objects that have been in contact with an infected dog to avoid exposing other dogs to the virus. Likewise, people who have been in contact with an infected dog should wash their hands and clean their clothing to avoid spreading the virus.

Canine influenza virus infects and replicates inside cells in the respiratory tract from the nasal lining to the terminal airways. This predisposes the respiratory tract to secondary bacterial infections that contribute to nasal discharge and coughing.

Virtually all dogs exposed to CIV become infected, with approximately 80% developing clinical signs of disease. The approximately 20% of infected dogs that do not exhibit clinical signs of disease can still shed the virus and spread the infection.

The majority of infected dogs exhibit the mild form of canine influenza. The most common clinical sign is a cough that persists for 10 to 21 days despite treatment with antibiotics and cough suppressants. Affected dogs may have a soft, moist cough or a dry cough similar to that induced by kennel cough. Nasal and/or ocular discharge, sneezing, lethargy and anorexia may also be observed. Many dogs develop a nasal discharge and fever.

## Pet to Vet



### Can't make it in?

We've got the solution for you and your pet! Simply call us to schedule an appointment and let us know you'll need the "[Pet to Vet Exam](#)." We'll come pick up your furry family member, do the exam, and then bring your pet back home!

We can also include such services as bathing so your pet can return home fresh and clean!



### Never Miss A Prescription for your pet again!



[Click Online Pharmacy to sign-up!](#)

### Have a question about

Some dogs are more severely affected and exhibit clinical signs of pneumonia, such as a high-grade fever (104°F to 106°F) and increased respiratory rate and effort. Thoracic radiography (chest x-rays) may reveal consolidation of lung lobes. Although most dogs recover without incident, deaths due to H3N2 have been reported.

Cats infected with this display signs of upper respiratory disease, including nasal discharge, congestion, malaise, lip smacking and excessive salivation.

Veterinary expertise is required to determine treatment options and the best course of treatment. Treatment for CI, as for most viral diseases, is largely supportive. Good husbandry and nutrition may help dogs mount an effective immune response. Most dogs recover from canine influenza within 2-3 weeks.

If you are concerned about your pet or have reason to believe your pet may be suffering please call us here at Sweetwater Veterinary Clinic!

## your pet's medication?



Melissa works as a member of our technical team. She is happy to answer any questions you may have regarding your pet's medication(s).

## Did you know we offer laser therapy for your pet?

**YES OR NO**  
SHOULD I VACCINATE MY DOGS?  
**CANINE INFLUENZA**  
KEEPTHETAILEDWAGGING.COM

YES	NO
There's a wide outbreak where you live.	I'm worried about the side effects.
You'll be traveling with your dog to an area where there is an outbreak.	I believe unnecessary vaccinations are dangerous for dogs.
Your dog will be exposed to other dogs where there is an outbreak.	Our dogs aren't exposed to other dogs; there isn't an outbreak in our city.

ADVANCED TECHNOLOGY FOR YOUR PET

**LASER THERAPY**  
A New Solution for Healing

*Did you know...*

- ▶ Laser Therapy has been successful in treating post surgical pain and many acute or chronic conditions.

Laser Therapy may be beneficial if your pet is in pain, has inflammation or has a wound.

▶ We are excited to offer Laser Therapy as a non-invasive, drug free treatment for healing.

If your pet is eligible for laser therapy, we offer this form of treatment to help further care for your pet.

Check out these videos of the use of laser therapy for a [dog](#) and a [horse](#).

Monday,  
July 24th, 2017







## Time to Say Good Bye & Good Luck!

Large animal Veterinarian Dr. Barnes recently accepted another position located closer to her family. We will certainly miss her and Skippy! And while we already have a very competent and quite qualified replacement who will be starting with us later this

summer, please know the remaining two Large Animal Veterinarians, Dr. Conn and Dr. Mark are making every effort to take care of all the large animal clients. Please be patient with us. You are important to us and we will make every effort to ensure you are seen in a timely fashion.

We are also saying good-bye to our recent addition to our reception team, Jill. While we enjoyed her time with us, we couldn't compete with her overwhelming purpose to help others learn English in the Czech Republic.

We with them both well and look forward to adding strong candidates to our team here at Sweetwater.



## You're Invited!

Our next Library talk will be held, July 24th, at the Acton-Agua Dulce Library where Dr. Conn will be hosting this Library Talk of Equine color genetics including:

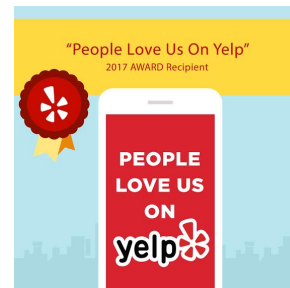
1. The basic mechanics of inheritance and how this relates to coat color
2. The three base colors (red, bay, and black), how to identify them and how they are inherited.
3. The dilution genes cream, silver, dun, champagne, and pearl, how to identify them and how they are inherited.
4. A brief overview of some of the spotting genes responsible for Appaloosa and pinto coloration, along with white.
5. Time-permitting, we can discuss some of the health problems associated with some coat colors.



Join us at the Acton-Agua Library with Dr. Conn for the next installment of our Horse Health Series



Thank you for your support!



Sweetwater recently awarded by Yelp for great reviews of our service!

We strive to keep you and your pet happy!

Photo examples of as many colors as possible will be included in the presentation.

We look forward to seeing you there! Don't forget about our Library Talk Loyalty Program! Simply attend 4 talks over a 2 year period and you'll receive a \$40 credit on your account here at Sweetwater!



### **Dr Grisham Will Be Here Soon!**

We are so happy Dr. Grisham will be with us this summer!

Her dates for July are 20th, 21st, 22nd and 24th. As well she will be with us again in August, on the 24th, 25th, 26th, 28th. Her schedule tends to fill up quickly, so please call us as soon as possible to make your pet's appointment with her!



### **Lots of Changes!**

When it rains it pours, or so it is with the various changes here at Sweetwater!

We are all sad to see Dr. Barnes go, but know she will be much happier closer to her family.

Her replacement, schedule to begin mid-August, is simply amazing! We're very excited to welcome her to our Sweetwater Family. She's got equine veterinary medicine in her bones (or so it seems) and we are confident you will like her as much as we do!

The warmer weather can bring danger to you and your pet, so please take precautions and get your dog vaccinated against Rattlesnake bites. This simple vaccination can mean the difference between life or death for your best friend. We don't tend to see many canine influenza issues in our area, which is the biggest reason why we don't keep this vaccination in stock.

This summer has already begun and the warmer temps are already upon us. Please keep your pets well hydrated and cool during these hotter temps.

Sweetwater Veterinary Clinic is here to help your pet live a long and healthy life!

*Mark Williams, DVM*  
& The Staff of Sweetwater Veterinary Clinic



Schedule your floats today!

Now is the best time to take care of your horse's teeth.



Call today to book your appointment!

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [svcmanager@sbcglobal.net](mailto:svcmanager@sbcglobal.net) in collaboration with



Try it free today