

# Canine Vaccinations

## **Distemper/Adenovirus(Hepatitis)/Parvovirus/Parainfluenza Vaccine** (Commonly referred to as "Distemper/Parvo" - DHPP)

Protects against a complex of viruses, which are very easily transmissible and can be deadly. Parvovirus, when shed via stool, can survive in the environment for a very long time, so direct dog to dog exposure is not required to transmit this disease. For these reasons this is considered a core vaccine, and is highly recommended for all dogs, regardless of lifestyle.

**Puppies:** *Start at 8 weeks, repeat every 3-4 weeks until 16 weeks or older, with at least 4 consecutive vaccines. In 1 year, repeat as a 3-year vaccine, ongoing*

**Adult dogs:** *2 vaccines 3-4 weeks apart. In 1 year, vaccinate as a 3 year vaccine, ongoing.*

## **Rabies Vaccine**

Rabies is a deadly virus that results in a fatal and untreatable disease. It is transmitted by infected saliva entering the bloodstream, most commonly via a bite wound inflicted by an infected animal. Given the human health risk this disease poses, the rabies vaccine is required by law for all dogs and cats.

**Puppies:** *Give the first vaccine between 12 weeks and 6 months of age. In 1 year, repeat as a 3-year vaccine, ongoing.*

**Adult Dogs:** *First-time vaccine lasts for 1 year. In 1 year, repeat as a 3-year vaccine, ongoing.*

## **Bordetella Oral Vaccine**

Protects against the most common strain of kennel cough, a very contagious upper respiratory virus. This is highly recommended for all dogs that have close interaction with other dogs. It is highly recommended and may be required for dogs that visit the groomers, doggy daycare or get kenneled.

*Start as early as 8 weeks of age, vaccinate annually.*

## **Bordetella Injectable Vaccine**

Same as above, but given to dogs that don't tolerate oral administration.

*Start as early as 8 weeks of age, repeat in 2-4 weeks, then annually.*

## **Leptospirosis Vaccine**

Protects against a bacteria-based wildlife-transmitted disease that is shed via urine and survives in moist soil and stagnant water sources. This is a zoonotic disease that can be transmitted to humans. Given this human health risk, this vaccine is highly recommended for all dogs that go outside. Dogs that hike, swim, and drink out of puddles are at a higher risk.

*Start as early as 9 weeks of age, repeat in 2-4 weeks, then annually*

## **Influenza Vaccine**

Protects against the only 2 prevalent strains of canine flu, a very contagious upper-respiratory disease. Given increased cases in the area over the last few years, this is recommended for all dogs that have close interactions with other dogs. It is highly recommended and may be required for dogs that visit the groomers, doggy daycare, or get kenneled. Dogs that travel, especially to the south, where canine influenza is more prevalent, are at an increased risk.

*Start as early as 9 weeks of age, repeat in 2-4 weeks, then annually*

## **Lyme Vaccine**

Protects against a bacterium-driven disease transmitted primarily by the bite of a deer tick. Infected dogs may not show any signs for 2-5 months after infection. If left untreated or not treated quickly, the disease may predispose dogs to arthritis and cause Lyme nephritis (inflammation of the kidneys), which can lead to death. Most common symptoms of Lyme disease are fever, lethargy, loss of appetite, and joint swelling, which are

treatable with antibiotics. Although Lyme disease is not common in California, cases have been reported. The vaccine is recommended for dogs with high exposure to marshes and wooded areas.

*Start as early as 9 weeks of age, repeat in 2-4 weeks, then annually.*