



## CANINE VACCINATION PROTECTION

### CANINE DISTEMPER

- Highly contagious, potentially fatal virus that affects the gastrointestinal and nervous systems
- Spread by discharge from the nose and eyes of affected dogs
- Signs include fever, runny nose, and watery eyes, and may progress to muscle twitching, seizures, or paralysis
- Distemper is often fatal or may leave a dog with permanent neurological damage
- Our DA2P vaccine boosts suppression of this virus

### CANINE ADENOVIRUS (INFECTIOUS CANINE HEPATITIS)

- Contagious virus that affects the liver, kidneys, respiratory system, and eyes
- Adenovirus is spread through secretions (saliva, urine, feces) of affected dogs and can be shed by an infected dog for up to six months
- Signs of disease range from thirst and fever to bleeding and respiratory disease
- Severity of disease can range from mild to fatal
- Our DA2P vaccine provides immunity against this virus

### PARVOVIRUS

- A very contagious virus that attacks the gastrointestinal tract and occasionally the heart muscles
- Transmitted by contact with other affected animals or their feces, parvovirus can live in the environment for months
- Young and elderly dogs most commonly affected
- Parvovirus can be fatal and is resistant to many disinfectants
- Our DA2P vaccine provides immunity against this virus

### RABIES VIRUS

- Incurable central nervous system disease that can infect ALL mammals
- Transmitted through the saliva of an infected animal
- Signs include any sudden, significant changes in behavior or unexplained paralysis
- Fatal prognosis
- Vaccination is required by law

### LEPTOSPIROSIS

- A bacterial infection that most commonly affects the kidneys and liver, most commonly
- Transmission occurs through contact with an infected animal's urine (ie. outdoor water source)
- Nonspecific early signs include fever, lethargy, and loss of appetite
- Treatment includes antibiotics and aggressive fluid therapy
- Our leptospirosis vaccine provides immunity for the four most common strains of this bacteria

### BORRELIA BURGDORFERI (LYME DISEASE)

- A bacterial infection acquired by a bite from an infected tick, most common in the northeast United States
- This bacterial infection commonly affects the kidneys, joints, and other tissues
- Treatment is antibiotics, though low-grade infection is thought to persist indeterminately
- Our Lyme disease vaccination, along with monthly tick prevention, provides protection against this bacterial infection

### BORDATELLA BRONCHISEPTICA (KENNEL COUGH)

- The most common bacteria contributing to canine infectious tracheobronchitis, an upper respiratory infection accompanied by a persistent, dry, harsh cough
- Highly contagious, spread through airborne droplets from infected dogs
- Infection is usually self-limiting over a course of 2 weeks but can lead to bronchopneumonia
- Recommended for dogs who are boarded, groomed regularly, attend obedience classes, or frequent dog parks or dog shows