

'S PUPPY PROTECTION



Newborn puppies ingest antibodies from their mother while nursing for early protection. Vaccine boosters are needed as these initial antibodies decrease over the first several months of life. The below vaccines increase protection as soon as maternal antibody levels fall below the protective level.

| 3 WEEKS IF HIGH RISK | 6-8 WEEKS | 10-12 WEEKS | 14-16 WEEKS | 18-20 WEEKS IF HIGH RISK | 1 YEAR FROM LAST BOOSTER |
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| <input type="checkbox"/> DAPP | <input type="checkbox"/> DAPP | <input type="checkbox"/> DAPP | <input type="checkbox"/> DAPP | <input type="checkbox"/> DAPP | <input type="checkbox"/> DAPP/L4 +/- CV |
| <input type="checkbox"/> Bordetella* Injectable initial series 2 boosters 2-4 weeks apart | <input type="checkbox"/> DAPP/L4 +/- CV | <input type="checkbox"/> DAPP/L4 +/- CV | <input type="checkbox"/> DAPP/L4 +/- CV | <input type="checkbox"/> DAPP | <input type="checkbox"/> Bordetella |
| <input type="checkbox"/> Dog Flu Initial series 2 boosters 2-4 weeks apart | <input type="checkbox"/> Dog Flu | <input type="checkbox"/> Dog Flu |
| <input type="checkbox"/> Lyme** injectable Initial series 2 boosters 2-4 weeks apart | <input type="checkbox"/> Lyme** | <input type="checkbox"/> Lyme** | <input type="checkbox"/> Lyme** | <input type="checkbox"/> Lyme** | <input type="checkbox"/> Lyme** |
| <input type="checkbox"/> Rabies 12 weeks 1 year, Minimum age **When living in, near, or traveling to a Lyme endemic region. | <input type="checkbox"/> Rabies 12 weeks 1 year, Minimum age *May be combined with parainfluenza and canine adenovirus-2 depending on local risk factors. | <input type="checkbox"/> Rabies 12 weeks 1 year, Minimum age *May be combined with parainfluenza and canine adenovirus-2 depending on local risk factors. | <input type="checkbox"/> Rabies 12 weeks 1 year, Minimum age *May be combined with parainfluenza and canine adenovirus-2 depending on local risk factors. | <input type="checkbox"/> Rabies 12 weeks 1 year, Minimum age *May be combined with parainfluenza and canine adenovirus-2 depending on local risk factors. | <input type="checkbox"/> Rabies by law 3 year As allowed |

HOW MANY VACCINES DOES YOUR DOG NEED?

Core vaccines are recommended by the American Animal Hospital Association (AAHA) to help protect all dogs against preventable diseases they are at risk for every day.

In addition to these core vaccines, AAHA states, "Your veterinarian may reclassify a non-core vaccine as core depending on your dog's age, lifestyle, and where you live—for instance, in a region like New England where Lyme disease is prevalent, that vaccine may be considered core."¹

GET A PERSONALIZED VACCINATION PLAN

Talk to your veterinarian about your dog's lifestyle so they can help put together a vaccination plan tailored for your dog. The chart in this brochure can help you stay on schedule and make sure your dog is protected.

For up-to-date information about canine vaccination guidelines, visit aaha.org.



1. Top 10 things you need to know about AAHA's Canine Vaccination Guidelines. American Animal Hospital Association. <https://www.aaha.org/aaha-guidelines/vaccination-canine-configuration/resources/top-10-things-you-need-to-know>. Accessed November 29, 2021.

Checked boxes are recommended by your vet based on risk factors.



A DOG OWNER'S GUIDE TO VACCINES

Learn about contagious and common diseases your dog is at risk for and the vaccines that can help prevent them. Keep this brochure as a handy reference for your dog's vaccination schedule.

COMMON DOG DISEASES

AND THE VACCINES THAT HELP PREVENT THEM

| DISEASE | VACCINE | SPREAD BY | CLINICAL SIGNS | COMPLICATIONS |
|--------------------------------------|--|--|---|---|
| Canine Distemper Virus (CDV) | The "D" of DAPP | Aerosol, droplets | Spreads throughout the body. Signs may include fever, lung infection, seizures, skin lesions, immune suppression | Death, long term damage to the nervous system, damage to teeth and bones |
| Canine Adenovirus 1 (C AV-1) | Considered the "A" of DAPP, as CAV-2 cross protects | Contact with fluids, contaminated surfaces, entry via mouth or nose | Fever, vomiting, diarrhea, spreads to liver, kidney and eyes | Death, damage to liver and kidneys |
| Canine Adenovirus 2 (C AV-2) | The "A" of DAPP | Aerosol, droplets | Cough, runny nose, difficulty breathing, fever, poor appetite, lung infection | Severe pneumonia (lung infection) leading to death. Severe disease if more than one infection or very young puppy |
| Canine Parainfluenza Virus (CPiV) | One of the "P's" of DAPP | Aerosol, droplets | Cough, runny nose, difficulty breathing, fever, poor appetite, lung infection | Severe disease if more than one infection or very young puppy |
| Canine Parvovirus (CPV) | One of the "P's" of DAPP | Entry via mouth or nose from contaminated feces | Fever, vomiting, bloody diarrhea, bone marrow suppression, heart damage | Severe illness leading to death |
| Canine Coronavirus (CCoV) | The optional "CV" addition to DAPP | Entry via mouth or nose from contaminated feces | Diarrhea | May worsen parvovirus infection |
| Leptospirosis (L4) 4 types | The "L4" stand alone or in combination with DAPP, covers 4 subtypes of leptospirosis in the US | Direct contact with infected urine or tissue via broken skin, intact mucous membranes of the mouth, nose, eyes; or ingestion. Indirect by contaminated water, soil or food | Fever, lethargy, vomiting, may progress to liver damage, kidney damage, or affect the eyes | Death, zoonotic (contagious to people) |
| Bordetella bronchiseptica | May be referred to as "kennel cough" vaccine | Aerosol, droplets, contaminated surfaces | Cough, runny nose, difficulty breathing, fever, poor appetite, lung infection | Severe pneumonia (lung infection) leading to death. Severe disease if more than one infection or very young puppy |
| Canine Influenza Virus (CIV) 2 types | Bivalent CIV H3N2/H3N8 covers for both known strains of dog flu | Aerosol, droplets, contaminated surfaces | Cough, runny nose, difficulty breathing, fever, poor appetite, lung infection | Severe pneumonia (lung infection) leading to death. Severe disease if more than one infection or very young puppy |
| Borrelia burgdorferi (Lyme*) | There are different types of Lyme vaccine, ask for the broadest coverage | Tick bite | Joint pain and inflammation, lameness, may be long lasting | Severe kidney disease called "Lyme nephritis" leading to death |
| Rabies | Rabies vaccines are killed virus vaccines | Bite from infected animal or through infected saliva contact with mucous membranes | Spreads through the nerves to the brain with progressive disease resulting in death. Signs may appear as restlessness, irritability, inability to swallow, paralysis, death | Fatal, zoonotic (contagious to people) |

*When living in, near or traveling to a Lyme endemic region

| YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | YEAR 7 | YEAR 8 | YEAR 9 | YEAR 10 | YEAR 11 | YEAR 12 | & BEYOND... |
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