

AVMA Vaccination Recommendations for Dogs

Component	Class	Efficacy	Length of Immunity	Risk/Severity of Adverse Effects	Comments
Canine Distemper	Core	High	> 1 year for modified live virus (MLV) vaccines	Low	
Measles	Noncore	High in preventing disease, but not in preventing infection	Long	Infrequent	Use in high risk environments for canine distemper in puppies 4-10 weeks of age
Parvovirus	Core	High	> 1 year	Low	
Hepatitis	Core	High	> 1 year	Low	Only use canine adenovirus-2 (CAV-2) vaccines
Rabies	Core	High	Dependent upon type of vaccine	Low to moderate	
Respiratory disease from canine adenovirus-2 (CAV-2)	Noncore	Not adequately studied	Short	Minimal	If vaccination warranted, boost annually or more frequently
Parainfluenza	Noncore	Intranasal MLV - Moderate Injectable MLV - Low	Moderate	Low	Only recommended for dogs in kennels, shelters, shows, or large colonies; if vaccination warranted, boost annually or more frequently
Bordetella	Noncore	Intranasal MLV - Moderate Injectable MLV - Low	Short	Low	For the most benefit, use intranasal vaccine 2 weeks prior to exposure
Leptospirosis	Noncore	Variable	Short	High	Up to 30% of dogs may not respond to vaccine
Coronavirus	Noncore	Low	Short	Low	Risk of exposure high in kennels, shelters, shows, breeding facilities
Lyme	Noncore	Appears to be limited to previously unexposed dogs; variable	Revaccinate annually	Moderate	

A possible vaccination schedule for the 'average' dog is shown below.

Dog Vaccination Schedule	
Age	Vaccination
5 weeks	Parvovirus: for puppies at high risk of exposure to parvo, some veterinarians recommend vaccinating at 5 weeks. Check with your veterinarian.
6 & 9 weeks	Combination vaccine* without leptospirosis. Coronavirus: where coronavirus is a concern.
12 weeks or older	Rabies: Given by your local veterinarian (age at vaccination may vary according to local law).
12 & 15 weeks**	Combination vaccine Leptospirosis: include leptospirosis in the combination vaccine where leptospirosis is a concern, or if traveling to an area where it occurs. Coronavirus: where coronavirus is a concern. Lyme: where Lyme disease is a concern or if traveling to an area where it occurs.
Adult (boosters) [§]	Combination vaccine Leptospirosis: include leptospirosis in the combination vaccine where leptospirosis is a concern, or if traveling to an area where it occurs. Coronavirus: where coronavirus is a concern. Lyme: where Lyme disease is a concern or if traveling to an area where it occurs. Rabies: Given by your local veterinarian (time interval between vaccinations may vary according to local law).
<p>*A combination vaccine, often called a 5-way vaccine, usually includes adenovirus cough and hepatitis, distemper, parainfluenza, and parvovirus. Some combination vaccines may also include leptospirosis (7-way vaccines) and/or coronavirus. The inclusion of either canine adenovirus-1 or adenovirus-2 in a vaccine will protect against both adenovirus cough and hepatitis; adenovirus-2 is highly preferred.</p> <p>**Some puppies may need additional vaccinations against parvovirus after 15 weeks of age. Consult with your local veterinarian.</p> <p>[§] According to the American Veterinary Medical Association, dogs at low risk of disease exposure may not need to be boosted yearly for most diseases. Consult with your local veterinarian to determine the appropriate vaccination schedule for your dog. Remember, recommendations vary depending on the age, breed, and health status of the dog, the potential of the dog to be exposed to the disease, the type of vaccine, whether the dog is used for breeding, and the geographical area where the dog lives or may visit.</p> <p>Bordetella and parainfluenza: For complete canine cough protection, we recommend Intra-Trac II ADT. For dogs that are shown, in field trials, or are boarded, we recommend vaccination every six months with Intra-Trac II ADT.</p>	