



PEDIATRIC WELLNESS CARE

Vaccine Protocols, Parasite Management, & Zoonotic Disease Prevention

Julie Meadows, DVM

TABLE 1. VACCINE RECOMMENDATIONS FOR PUPPIES

Vaccine	Initial Vaccine Series
CORE VACCINES	
Distemper (MLV or r) + Parvovirus (MLV) + Adenovirus-2 (MLV)	<ul style="list-style-type: none"> • Administer 3 doses between 6 and 16 weeks of age. • Single dose at 8, 12, and 16 weeks of age is commonly recommended.
<p>Option: Although parainfluenza virus vaccine is commonly administered parenterally in combination with the above vaccines (DA2PP), parainfluenza has been classified as a noncore vaccine (see below).</p>	
Rabies (killed)	<ul style="list-style-type: none"> • Single dose usually given at 12 or 16 weeks of age • Local, state or provincial statutes may apply.
NONCORE VACCINES	
<p>Intranasal B bronchiseptica (AvLB)</p> <p>May be combined with:</p> <ul style="list-style-type: none"> • Parainfluenza virus (MLV) or • Parainfluenza virus + Adenovirus-2 (MLV) 	<ul style="list-style-type: none"> • Administer a single dose (<i>intranasal only</i>) at 12 or 16 weeks of age (some authors recommend a dose at 12 <i>and</i> 16 weeks). • Maternal antibody interference is not a factor for vaccines administered intranasally; manufacturers may recommend initial vaccination as early as 3 or 4 weeks of age.
<p>Parenteral B bronchiseptica (KB)</p>	<ul style="list-style-type: none"> • Administer 2 doses, 2 to 4 weeks apart, regardless of age.
<p>Oral B bronchiseptica (AvLB)</p>	<ul style="list-style-type: none"> • Administer a single dose into the buccal pouch as early as 8 weeks of age.
<p>Leptospirosis (KB) 4-serovar</p> <p>Administration of 2-way vaccine is currently NOT recommended</p>	<ul style="list-style-type: none"> • Administer 2 initial doses, 2 to 4 weeks apart; do NOT administer the first dose prior to 12 weeks of age. <p>Note: In small breed dogs, delay initial dose until after completion of initial CORE series.</p>
<p>Lyme disease (recombinant OspA or KB)</p>	<ul style="list-style-type: none"> • Administer 2 initial doses, 2 to 4 weeks apart; do NOT administer first dose prior to 12 weeks of age unless risk of exposure is high. <p>Note: In small breed dogs, consider delaying initial dose until after completion of initial CORE series.</p>
Canine influenza virus (killed)	<ul style="list-style-type: none"> • Administer 2 initial doses, 2 to 4 weeks apart.

AvLB = avirulent live bacteria; KB = killed bacterins; MLV = modified-live virus; OspA = outer surface protein A; r = recombinant
Adapted from RB Ford. Canine vaccination guidelines: Key points for veterinary practice. Today Vet Pract 2012; 2(5):20-26.