

# CANINE COMPONENT THERAPY GUIDELINES



(800) 243-5759  
www.ABRINT.net

<b>Indications</b>	<b>Recommended Component (In Order of Preference)</b>
Anemia	Packed Red Blood Cells (pRBCs) Whole Blood
Acute Hemorrhage	Whole Blood pRBCs & Fresh Frozen Plasma (FFP)
Thrombocytopenia/Thrombocytopathia	Frozen Platelet Concentrate Fresh Platelet Concentrate
Von Willebrand's Disorder or Hemophilia A	Lyophilized Canine Cryoprecipitate Fresh Frozen Plasma
Coagulopathy - Idiopathic	Fresh Frozen Plasma Whole Blood
Hypoalbuminemia	Lyophilized Canine Albumin Frozen Plasma (FP)/Fresh Frozen Plasma
Hemophilia B	Frozen Plasma/Fresh Frozen Plasma Whole Blood
Anticoagulant/Rodenticide Toxicity	Frozen Plasma/Fresh Frozen Plasma Whole Blood

## CANINE DOSAGE AND RATE CHART

<b>Product</b>	<b>Dose</b>	<b>Rate</b>
Packed Red Blood Cells	1 ml/kg for each 1% desired increase in PCV.	Initially 5 ml/kg/hr. Max rate 10 - 20 ml/kg over 6 hours.
Whole Blood	2 ml/kg for each 1% desired increase in PCV.	Initially 5ml/kg/hr. Max 20 ml/kg over 4 - 8 hours.
Fresh Frozen Plasma or Frozen Plasma	6 - 15 ml/kg for coagulopathy. 30 - 45 ml/kg for hypoalbuminemia.	Max rate 6 - 20 ml/kg/hour with goal of 6 hour administration.
Lyophilized Albumin	Varies based on indication. See www.ABRInt.net for dosage summary.	Administer within 6 hours of reconstitution.
Frozen Platelet Concentrate	1 unit/10 kg body weight.	Administer over 1 - 2 hours.
Fresh Platelet Concentrate	1 unit/10 kg body weight.	Administer over 6 - 8 hours.
Lyophilized Cryoprecipitate	1 unit/10 kg body weight.	2 - 5 ml/kg/hour over 2 hours after reconstitution.

*The recommendations, dosages, and rates on this chart were excerpted from the published veterinary medicine literature. This information is not a substitute for the veterinarian's clinical judgment based upon the individual patient's condition.*

Current As Of: DEC 2019