



CANINE COMPONENT THERAPY GUIDELINES

Indications	Recommended Component (In Order of Preference)
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

Product	Dose	Rate
Packed Red Blood Cells	1 ml/kg for each 1% desired increase in PCV	Initially 5ml/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 a not a substitute for the veterinarian's clinical judgment based upon the individual patient's condition.