

FELINE COMPONENT THERAPY GUIDELINES



(800) 243-5759
www.ABRINT.net

Indications	Recommended Component (In Order of Preference)
Anemia	Packed Red Blood Cells (pRBCs) Whole Blood
Acute Hemorrhage	Fresh/Stored Whole Blood pRBCs Fresh Frozen Plasma (FFP)
Thrombocytopenia/Thrombocytopenia/Primary Hemostatic Disorder	Fresh Whole Blood Platelet Rich Plasma
Secondary Hemostatic Disorder/Idiopathic Coagulopathy	Fresh Frozen Plasma Whole Blood
Hypoproteinemia/Hypoalbuminemia	Frozen Plasma/Fresh Frozen Plasma
Neonatal Isoerythrolysis	pRBCs for anemia Frozen Plasma/Fresh Frozen Plasma for maternal antibody substitution
Failure of Passive Transfer	Frozen Plasma/Fresh Frozen Plasma

FELINE DOSAGE AND RATE CHART

Product	Dose	Rate
Packed Red Blood Cells	1 ml/kg for each 1% desired increase in PCV. One unit per 5 kgs body weight.	Initially 0.25 - 0.5ml/kg/hr. Max rate 10 - 20 ml/kg over 4 hours.
Whole Blood	2 ml/kg for each 1% desired increase in PCV. One unit per 5 kgs body weight.	Initially 0.25 - 0.5 ml/kg/hr. Max rate 5-10 ml/kg/hour over 4 hours.
Fresh Frozen Plasma or Frozen Plasma	5 - 20 ml/kg One unit per 5 kgs body weight. Hypoalbuminemia dosage can be as high as 500 ml/ per 5 kg body weight to raise albumin 1.0 g/dL. Albumin deficit in grams = 10 x (Desired albumin minus Patient albumin) x body weight in kg x 0.3 when albumin concentration in plasma is 25-30 g/L. Failure of passive transfer dosage - 5 ml SQ at birth, repeat at 12 and 24 hours after birth (15 ml total).	Max rate 6 - 20 ml/kg/hour with goal of 6 hour administration.
Platelet Rich Plasma	One unit per 5 kgs body weight.	Administer over 6 - 8 hours.

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

CANINE COMPONENT THERAPY GUIDELINES



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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 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.

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