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**CANINE COMPONENT THERAPY GUIDELINES**

INDICATIONS	RECOMMENDED COMPONENT (In Order of Preference)
Anemia	1. Packed Red Blood Cells 2. Fresh Whole Blood 3. Stored Whole Blood
Massive Hemorrhage	1. Fresh Whole Blood 2. Fresh Frozen Plasma + Packed Red Cells
Anticoagulant Toxicity	1. Frozen Plasma 2. Fresh Frozen Plasma 3. High vWF Fresh Frozen Plasma 4. Fresh Whole Blood
Hemophilia A	1. Cryoprecipitate 2. Fresh Frozen Plasma 3. High vWF Fresh Frozen Plasma 4. Fresh Whole Blood
Hemophilia B	1. Frozen Plasma 2. Fresh Frozen Plasma 3. High vWF Fresh Frozen Plasma 4. Fresh Whole Blood
vWD	1a. Cryoprecipitate 1b. High vWF Fresh Frozen Plasma 2. Fresh Frozen Plasma 3. Fresh Whole Blood
Thrombocytopenia (Due to Marrow Disorder)	1a. Platelet Concentrate 1b. Platelet Rich Plasma 1. Fresh Whole Blood
DIC	1. Fresh Frozen Plasma 2. High vWF Fresh Frozen Plasma 3. Cryoprecipitate 4. Fresh Whole Blood
Hypoproteinemia	1. Artificial Colloid 2. Frozen Plasma 3. Fresh Frozen Plasma 4. Fresh Whole Blood

**CANINE DOSAGE & RATE CHART**

Initial Rate is slow, starting with 1-3 ml over the first 5 minutes to observe for any transfusion reactions.

PRODUCT *RATE	DOSE
pRBCs Max rate 6-10 ml/kg/hr	6-10 ml/kg
WHOLE BLOOD 3-4 ml/kg/hr	13-22 ml/kg
FFP/FP /High vWF FFP Max rate 6-10 ml/kg/hr	6-10 ml/kg
CRYOPRECIPITATE Max rate 6-10 ml/kg/hr	One unit per 10 kg body weight
Note: *Transfusion duration must not exceed 4 hours. *If given pre-surgically, Cryoprecipitate & High vWF FFP should be given approximately 30 minutes before surgery.	