

CANADIAN ANIMAL BLOOD BANK

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CANINE CRYOPRECIPITATE

Cryoprecipitate is made from 450 ml of whole blood collected in the anticoagulant Citrate Phosphate Dextrose Adenine (CPDA-1). Cryoprecipitate is obtained from Fresh Frozen Plasma that has been slowly thawed and the supernatant plasma removed. Shelf life is 1 year from collection date when stored in the freezer.

Product Number

- CRYO Volume of ~30 ml which is rich in FVIII, Fibrinogen, and von Willebrand factor

Indications for use

- Treatment for Hemophilia A and von Willebrand's disease
- Replacement of unstable clotting factors FVIII, FVIIIc following massive transfusion with resulting dilution of coagulation factors
- Dysfibrinogenemia
- Hypofibrinogenemia

Dosage / Rate of Transfusion Guideline

- 1 unit / 10 kg body weight
- When an active bleed is present, dosage may need to be repeated
- The clinician may also want to consider the use of DDAVP (Desmopressin®) when treating a von Willebrand's patient

Preparation

- Check expiration date
- DO NOT USE A MICROWAVE TO THAW THE UNIT!
- Thaw at room temperature for 10-15 minutes. Mix regularly to speed thawing
- Inspect the unit for leaks or cracks
- Open one port and insert spike from filter set
- Dilute concentrate with 10 ml of physiological saline if needed
- Several units may be pooled, filtered into a syringe, and given as a bolus
- Recommended filter is 80 µm

Precautions

- Do not use past the expiration date
- Do not re-freeze an unopened thawed unit
- Always use a filter set
- Discard any unused portion to biohazardous waste
- Never run or mix IV medications, colloids, Ringer's lactate with the plasma in the same IV line

Importance of Transfusion Monitoring

- A transfusion reaction may occur and while often mild, it may be life-threatening. It is crucial to monitor your patient throughout the transfusion for signs of a transfusion reaction.