### Other Names
Humate P®

### Pre-Transfusion Sample
Not Required

### Consent Required
Yes.

### Approval Requirements
Product must be ordered by clinical hematologist or Hemophilia Clinic Nurse Practitioner with required privileges.

### Product Description
Stable, purified, sterile, lyophilized concentrate of antihemophilic factor and von Willebrand factor prepared from human plasma. Heat treated to reduce viral transmission. Contains no preservatives.

Supplied in vial sizes (Factor VIII / von Willebrand Factor):
- 200-300 IU / 360-840 IU
- 400-600 IU / 720-1680 IU
- 810-1200 IU / 1440-3360 IU

One International Unit (IU) Factor VIII or von Willebrand Factor:Ristocetin Cofactor (vWF:RCo) is approximately equal to the level of Factor VIII or vWF:RCo found in 1 mL of fresh plasma.

Reconstituted and filtered into a syringe in Transfusion Medicine.

### Clinical Indications
- Treatment of spontaneous and trauma-induced bleeding episodes in severe von Willebrand disease (vWD), or in mild/moderate vWD where use of desmopressin is inadequate.
- To prevent excessive bleeding during and after surgery in patients with vWD

### Contraindications
- None known.
- Caution is advised in patients with known allergic reactions to constituents of the preparation.

### Risks
- Allergic and anaphylactic reactions.
- Intravascular hemolysis with decreasing hematocrit in patients of blood groups A, B and AB when treated with large doses of Humate P®.
- Thrombotic events in von Willebrand disease patients with known risk factors to thrombosis.
- Factor VIII inhibitor formation.
- As Humate P® is a plasma product there is a risk for transmission of infection.
- Humate P® should be given to a pregnant woman only if clearly needed.

### Dosage
Many patients carry a Factor First card with pertinent information about their prescribed therapy.
Consult with the Hematologist-on-call for dosing and prescribing guidelines
The dosage must be individualized according to the needs of the patient.
The product must be ordered in vWF:RCo units (Ristocetin cofactor units), not Factor VIII units.
The nearest combination of whole vials must be used to deliver the prescribed dose.

### Administration
Visually inspect for particulate matter and discolouration prior to administration.
# BLOOD PRODUCT FACT SHEET

## Antihemophilic Factor / von Willebrand Factor Complex

### Refer to:
- Product monograph

### Administer:
- By intravenous injection only
- At room temperature
- Through a separate injection site
- Inject slowly to a maximum rate of 4 mL/minute.

### Compatible Solution
The manufacturer does not recommend any compatible fluids. **Flush** the line before and after administration with 0.9% Normal Saline only. **Do not** mix with other medicinal products or intravenous admixtures.

### Infusion Rates
**Maximum** infusion rate is 4 mL/minute.

### Monitoring
**Observe** patient for signs and symptoms of a transfusion reaction. In the event of a suspected transfusion reaction, **refer to** Transfusion Reaction Procedure & Reference Guide and **complete** Transfusion Reaction Report Form. **EVALUATE** effectiveness of treatment.

### Storage Conditions
Stored at room temperature, not to exceed 25 C. Home storage of Humate-P may vary from in hospital storage and does not apply in the hospital situation.

For reconstituted product:
- **Store** at room temperature
- **Administer** within 3 hours of reconstitution.
- **Return** product and Transfusion Record to Transfusion Medicine within 20 minutes from time of issue if there are any delays in administration.
- **Do not** refrigerate or store on nursing unit.

### References
Product Monograph **Humate-P**: CSL Behring Canada Inc.