

TRANSFUSION MEDICINE SERVICES

CLASSIFICATION Coagulation Factor VIII Product with Von Willebrand Factor Complex	ALERTS None
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PREPARATION and ADMINISTRATION

Wilate is a plasma derived factor concentrate, blood consent IS required.

Reconstitution

Diluent: sterile water for injection

See pages 3–4 for reconstitution steps –administer within 3 hours of reconstitution

After reconstitution, inspect visually for particulate matter prior to administration.

IV Direct	Intermittent Infusion	Continuous Infusion
IV Direct is the recommended route of administration. Professionals performing these restricted activities must have received authorization from their regulatory College and have the knowledge and skill to perform the skill competently Administer reconstituted solution at a slow speed of 2–3 mL/minute. If no indwelling IV, use the butterfly and supplies provided in the box.	IV Bag (large volume pump)	IV Bag (large volume pump)
	Not Recommended	Not applicable
	Syringe (syringe pump)	Syringe (syringe pump)
	Not Recommended	Not applicable

Requirements and Monitoring

Baseline vitals before starting infusion. Reassess 15 min after infusion.

Document all vitals taken.

Blood pressure via cuff or arterial line

Temperature

Heart Rate

Respirations

Keep unopened back up bag of NS and standard IV tubing nearby for prompt response if an adverse event (AE) occurs.

INDICATIONS

Wilate is indicated for:

- Treatment and prophylaxis of bleeding in patients with hemophilia A (congenital or acquired FVIII deficiency) and for the prevention and treatment of bleeding in minor surgical procedures.
- Treatment and prevention of spontaneous and trauma-induced bleeding episodes in all types of von Willebrand disease (VWD) in adult and pediatric patients where use of DDAVP treatment is ineffective or contra-indicated.
- Prevention and treatment of bleeding during and after surgical procedures.

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ADVERSE EFFECTS

Hypersensitivity or allergic reactions (which may include angioedema, burning and stinging at the infusion site, chills, flushing, generalized urticaria, headache, hives, hypotension, lethargy, nausea, restlessness, tachycardia, tightness of the chest, tingling, vomiting, wheezing) have been observed infrequently, and may in some cases progress to severe anaphylaxis (including shock). On rare occasions, fever has been observed.

If an AE is suspected: stop the infusion, and consult the authorized prescriber (AP) for medical management. Notify the TM lab of a suspected reaction.

- Review the product lot number, TM tag and patient ID to rule out a verification (clerical) error and that the expiry date and time has not passed.
- Resume infusion cautiously as directed by AP. Directly observe patient x5min then closely observe x10min.
- Ensure TM tag, along with a copy of the documented clinical data and interventions are sent to TM lab once infusion is discontinued or completed.

DOSAGE

Consult the Bleeding Disorders Clinic or the Hematologist on call for appropriate dosing prior to initial dose:

Ask patient if they have a Factor First card supplying the recommended treatment and dosage

(Adult) Hereditary Bleeding Disorder Clinic 902-473-5612. After hours call 902-473-2220.

(Pediatric) IWK Bleeding Disorder Clinic 902-470-8752. After hours call 1-888-470-8888.

Check for IWK clinic letter on the SHARE system or for patient specific dosing at the IWK please see Complex Care Management Plan in the “Alerts” section under “Scanned Permanent Health Records” in the IWK MEDITECH MAGIC system

COMPATIBILITY, STABILITY

- Compatible with NS
- Single use vials. Do not use past expiry date
- Do not dilute in any IV solutions
- Prior to reconstitution, vials should be stored in their supplied box to protect from light
- Do not store unused vials in refrigerator. Administer at room temperature

DOSAGE FORMS

- Supplied by Transfusion Medicine (Blood Bank)

MISCELLANEOUS

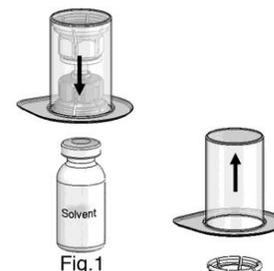
- None.

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RECONSTITUTION

1. Warm the wilate® powder and solvent in the closed vials up to room temperature. Don Clean gloves.

2. Remove the flip caps from both the wilate® vial and the solvent vial and clean the rubber stoppers with an alcohol swab.



3. Peel away the lid of the outer package of the Mix2Vial™ transfer set. Place the solvent vial on an even surface and hold the vial firmly. Take the Mix2Vial™ together with its outer package and invert it over the solvent vial. Push the blue plastic cannula of the Mix2Vial™ firmly through the rubber stopper of the solvent vial. While holding onto the solvent vial, carefully remove the outer package from the Mix2Vial™, being careful to leave the Mix2Vial™ attached firmly to the solvent vial.



4. With the wilate® vial held firmly on an even surface, quickly invert the solvent vial (with the Mix2Vial™ attached) and push the transparent plastic cannula end of the Mix2Vial™ firmly through the stopper of the wilate® vial. The solvent will be drawn into the wilate® vial by vacuum.



5. With both vials still attached, slowly (careful not to introduce bubbles) swirl the wilate® vial to ensure the product is fully dissolved, giving a clear or slightly opalescent, colourless or slightly yellow solution. Once the contents of the wilate® vial are dissolved, firmly hold both the transparent and blue parts of the Mix2Vial™.



Unscrew the Mix2Vial™ into two separate pieces with the vials still attached and discard the empty solvent vial and the blue part of the Mix2Vial™.

Instructions for Injection:

As a precautionary measure, the patients pulse rate should be measured before and during the injection. If a marked increase in the pulse rate occurs, the injection speed must be reduced or the administration must be interrupted.

1. Attach a plastic sterile disposable syringe to the transparent part of Mix2Vial™. Invert the system and draw the reconstituted wilate® into the syringe.
2. Once the wilate® solution has been transferred into the syringe, firmly hold the barrel of the syringe (keeping it facing down) and detach the Mix2Vial™ from the syringe. Discard the Mix2Vial™ (transparent plastic part) and the empty wilate® vial.
3. Clean the intended injection site with an alcohol swab.
4. Attach a suitable infusion needle to the syringe.

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5. Inject the solution intravenously at a slow speed of 2-3 mL/minute.

REFERENCES

- [CL-BP-030, IWK-625 Blood Component and Blood Product Administration – Policy and Procedure](#)
- Wilate product monograph. Found at <https://www.octapharma.ca/en/therapies/product-overview>