

Applicability

This document applies to all APL, AHS, Covenant Health, and other health care professionals involved in the transfusion of blood components and products in Alberta.

Supplies Required

Contained in Box

- Vial of lyophilized product (e.g. FIBRYGA®, OCTAPLEX®, WILATE®)
- Diluent vial (sterile water for injection [WFI])
- Nextaro® reconstitution device

Separate Supplies

- Sterile plastic Luer lock syringe (large enough to contain dose)
- Alcohol swabs



Aseptic technique must be used at all times

Instructions

*Note:

- Reconstitution videos:
 - [FIBRYGA Reconstitution Guide - Canada - YouTube](#)
 - [OCTAPLEX Reconstitution with Nextaro](#)
- When reconstituting multiple vials, each vial should be individually prepared according to the instructions below.

1. Ensure that the diluent (sterile water for injection) and product vial(s) are at room temperature.
2. Remove the caps from the product and the diluent vials to expose the central portion of the rubber stoppers.



3. Clean the surface of the rubber stoppers with an antiseptic solution and allow them to dry.
4. Peel off the lid of the outer package of the Nextaro® transfer device. To maintain sterility, leave the Nextaro® device in the clear outer packaging and do not touch the spike.

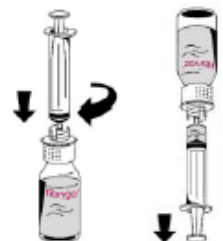


5. Place the diluent vial on a clean flat, level surface and hold it firmly.



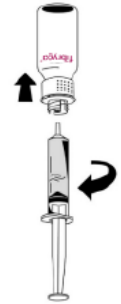
Nextaro® Reconstitution Instructions

6. Take the Nextaro® in its outer package and invert it so that the blue part of is on top of the diluent vial. Press **straight and firmly down** until it snaps into place.
Do not twist while attaching.
The transfer device must be attached to the diluent vial FIRST and then to the powdered product bottle to prevent loss of vacuum and failure to transfer.
Helpful hint: 'Water droplets (on the Nextaro® device) to water vial'
7. Carefully remove the outer package from the Nextaro® by pulling vertically upwards. Leave the Nextaro® attached firmly to the diluent vial.
8. With the product bottle held firmly on the level surface, take the diluent vial with the attached Nextaro® and turn it upside down. Place the white part of the Nextaro® connector directly on top of the product bottle and **press firmly down** until it snaps into place. Do not twist while attaching. The diluent will flow automatically into the product bottle.
9. When the transfer of the diluent is complete, gently swirl the product bottle until the powder is fully dissolved. Do not shake the bottle as this causes foam formation. The powder should be dissolved completely within approximately 3-5 minutes and should take no longer than 30 minutes.
10. After reconstitution is complete, unscrew the blue part of Nextaro® (counterclockwise) into two parts. Discard the empty diluent vial along with the blue part of Nextaro®. Do not touch the Luer lock connector on the white part of Nextaro®.
11. Carefully attach a syringe to the Luer lock connector on the white part of Nextaro®. Turn the product bottle upside down and draw the solution into the syringe.





12. Once the solution has been transferred, firmly hold the barrel of the syringe (keeping the syringe plunger facing down) and remove the syringe from the Nextaro® device. Dispose of the white part of Nextaro® together with the empty product vial.



13. Label the syringe per AHS Transfusion of Blood Components and Products Policy and Procedure.
14. Refer to the specific product monograph for administration instructions.

Troubleshooting Instructions

If the vacuum is lost or is insufficient to transfer the entire volume of diluent:

1. Grasp the outer rim of the Nextaro® component.
2. Carefully unscrew the Nextaro® (counterclockwise) into two parts and diluent together from the product.
3. Place both bottles on a clean surface or countertop.
4. Apply a little pressure on one side of the blue portion of the Nextaro® from the diluent bottle to carefully remove it from the diluent bottle. Moving the blue portion of the Nextaro® side to side may be required. Once removed, discard the blue portion of the Nextaro®.
5. Swab the diluent bottle top with an antiseptic swab.
6. Using a sterile syringe with a blunt needle attached, draw a volume of air into the syringe that is equivalent to the remaining volume of diluent in the bottle.
7. Inject the air into diluent bottle.
8. Invert the bottle and draw the remaining diluent into the syringe.
9. Remove the needle from the syringe and attach the syringe to the Nextaro® Luer lock (white portion) that is still attached to the product.
10. Carefully empty the syringe into the product bottle.
11. Continue with Step 11 above.

Contact Information

For questions or comments regarding this document, please contact
Transfusion.SafetyTeam@albertaprecisionlabs.ca.



References

Nextaro® Reconstitution Device. Available from [OctapharmaNextaro](#)

FIBRYGA® OCTAPLEX® WILATE® Reconstitution Instructions. Available from www.octapharma.ca