

**\*\*IMPORTANT INFORMATION ABOUT HEMOPHILIA FACTOR ADMINISTRATION\*\***

-Be sure to know what TYPE of hemophilia your patient has:

Factor VIII deficiency: Hemophilia A

Factor IX deficiency: Hemophilia B

-The timing of factor administration and levels are VERY important, especially around times of surgery. Providers use these levels to understand the half-life of the factor and adjust the dosing intervals.

-Be sure to call the pharmacy at least 90 minutes before the next scheduled dose of factor to ensure they are delivering the factor to the floor to make sure it will be on time. If it is not on the floor 30 minutes before it is due, call to follow up again.

**\*\*A Delay in factor administration could lead to bleeding complications\*\***

-When drawing factor VIII or factor IX levels, never draw a level off of a line that is used to infuse the factor product. Check levels peripherally, or place a second IV that is clearly marked "Do not give factor in this IV" to draw levels off of if you want to avoid multiple peripheral sticks

-Factor doses are written "+/-10%" because the vial sizes vary. Always make sure the dose that is on the vial you are giving is within 10% of the prescribed dose or alert the provider to re-write the order.

**\*\*FACTOR SHOULD NEVER BE WASTED\*\*** Factor is extremely expensive!!

**FOR EXAMPLE:**

*If a dose is written for 1000iu (+/-10%) and your vial says 1090iu, that is within the 10% and you give the entire 1090iu.*

*If the vial you receive is 1200iu and the order is written for 1000iu, the provider will have to re-write the order to 1200iu as it is out of the 10% range. You would NOT give 1000iu and waste 200iu unless explicitly instructed to do so.*

-If for some reason the factor you received from pharmacy is not needed (i.e. patient goes home early) be sure to return the factor to the pharmacy

-If there is any question about mixing the factor, how to draw it up, how to administer it, levels, or any issues or concerns at all hemophilia-related, please call the below numbers or pharmacy:

**401-444-8250** (Hemophilia Office) Monday-Friday 8:30am-5pm

**401-444-4000** As for pediatric or adult hematologist on call to be paged

**\*\*Please be sure this information is passed along to each nurse that cares for this patient from shift to shift\*\***

**Recombinant Factor VIII products:**

Advate Kogenate Recombinate  
Xyntha Helixate Novo8

**Plasma-derived Factor VIII products:**

Hemofil Koate\* Wilate\*  
Alphanate\* Humate-P\*

**Factor IX products:**

Benefix Mononine (plasma)  
Rixubis Ixinity

Eloctate (extended half-life)

Adynovate (extended half-life)

Alprolix (extended half-life)

Idelvion (extended half-life)

***\*factor also contains von willebrand protein—make sure whether the dose is based on factor VIII units or ristocetin cofactor units***