Giving Factor Replacement for Bleeding Disorders

Your child’s doctor has prescribed ________________________________ for your child.
The amount to give is in the range of ___________________ to ___________________.

**How to give factor:**

**Mixing:**

1. Clean the work area and gather supplies, including medications, factor and diluent, syringes, butterfly needles, alcohol pads, Band-Aids®, sharps container, infusion record, wastebasket.
2. Wash your hands with soap and water for 10-15 seconds. Put on clean gloves.
3. Flip tops off factor (powder) and diluent (liquid).
5. Obtain transfer device. Remove cap. Stick transfer device into rubber stopper of diluent first. Then flip the diluent vial upside down and stick other end of transfer device into rubber stopper of factor. Diluent (liquid) will transfer to factor (powder). Remove the transfer device from both vials and discard as instructed. If powder does not dissolve, roll the bottle between both hands. DO NOT SHAKE.
6. Draw up _____ ml (cc) of air into syringe. Wipe the top of the bottle with an alcohol wipe. Turn the bottle upside down. Insert the needle of the syringe into the factor bottle. Push the syringe plunger to inject the air into the factor bottle. (You may not be able to inject all of the air into bottle.)
7. With the needle still in the bottle, pull back on the plunger to fill the syringe with all of the factor.
8. Take the needle out of the factor bottle. Discard factor bottle in sharps container. Repeat for multiple bottles.
9. Hold the syringe with the needle pointing up. Tap the syringe with your free hand to make any bubbles go to the top of the syringe. Gently push the plunger to remove bubbles from the syringe and needle.
10. Set syringe with factor aside without allowing needle to touch anything.
11. Unwrap butterfly needle and prime tubing with factor. Set aside.
Starting an IV:

1. Place tourniquet on your child’s upper arm.
2. Find a vein for injection.
3. With an alcohol pad, clean the injection spot by wiping in circles from inside to outside.
4. Insert butterfly needle into the vein with the bevel (opening in the end of the needle) up at an angle.
5. Pull back on the plunger to check for blood in the tubing. Release tourniquet. Once there is a blood return, push the plunger of the factor syringe slowly until all factor is given. If at anytime during the procedure your child develops swelling or pain at injection site – STOP. Take out the butterfly needle. Insert a new butterfly needle in a new site using steps 1 to 5 of "Starting an IV."
6. After all factor is given, remove needle from vein. Apply pressure to vein for 5 minutes with cotton ball or gauze pad.
7. Safely dispose of the needle and syringe in a puncture resistant container.
8. Put a Band-Aid® on the injection spot. If there is bleeding or swelling at the site, apply pressure until bleeding stops.
9. Dispose of all supplies safely, as directed.
10. Record infusion.
11. Comfort and praise your child.

Additional instructions:

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_________________________________________________________________________
_________________________________________________________________________

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Content Expires on 12/31/2012

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