Diluting and Giving a Medication IV Slow Push
(Using a Carpuject® and MicroClave® Clear Valve)

Supplies:
- Pre-filled syringe of medication
- Carpuject® syringe holder
- 1 – Heparin syringe (100unit/ml OR 10unit/ml)
- Sharps® container
- 3 – Sodium Chloride (Saline)
- 2 – Red/blue caps
- 1 – Needle
- Gloves

YOU SHOULD DILUTE/MIX THE MEDICATION JUST BEFORE USE.
DO NOT DILUTE IN ADVANCE!

1. Wash hands well, gather supplies, and put on gloves.

2. Verify medication label contains the correct patient name, medication name, expiration date, and dose. If ANY of the information is incorrect, STOP and call Chartwell.

3. Remove pre-filled medication syringe from outer plastic case by breaking seal.

4. Hold Carpuject® with open side facing you and pull plunger rod back until it clicks.

5. Turn blue lock to left (counterclockwise) until it clicks.


7. To engage, turn blue lock to right (clockwise) until it clicks and turn white plunger rod to right (clockwise) until it is firmly engaged.

8. Hold pre-filled syringe with tip up. Remove tip cover and expel air by pushing on plunger.

9. Attach needle to syringe of medication and expel any air.

10. Remove cap from one saline syringe and draw back on plunger to create space in syringe.
11. Remove cover from needle, and insert needle into opening at top of saline syringe.

12. Push down on plunger of medication and inject medication into saline syringe.

13. Put red cap on end of diluted medication syringe. Gently shake or roll syringe between hands to mix medication.

14. Remove empty medication syringe from the Carpuject® {See unloading instructions below} and discard into the Sharps® container. **DO NOT RECAP THE NEEDLE.**

15. **Scrub the hub** of the valve with an alcohol wipe for 15 seconds. *The hub is the end or the tip of the valve.*

16. Attach a saline syringe to IV line. Open clamp on IV line and flush IV line using the push/pause method. Remove syringe.

17. Attach syringe of diluted medication to IV line.

18. Administer medication at a rate of ______ ml per minute, so it is given over a total of ______ minutes.

19. Remove empty syringe.

20. Attach a saline syringe to IV line and flush IV line using the push/pause method. Remove syringe.

21. Attach a heparin syringe to IV line and flush IV line using the push/pause method leaving a small amount of fluid in heparin syringe.

22. Remove syringe, **THEN close clamp(s) on IV line.**

23. Dispose of needles and glass medication tubes into Sharps® container.

24. Dispose of all other used supplies by double-bagging and placing in trash.

**Procedure for unloading the Carpuject®**

1. To disengage, hold Carpuject® with open side facing you. Turn plunger rod to left (counterclockwise) and pull back until it clicks.

2. Turn blue lock to left (counterclockwise) until it clicks.

3. Save holder to use for future medication administration.
   - *For pictures of loading and unloading the Carpuject®, please refer to the package insert.*

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