

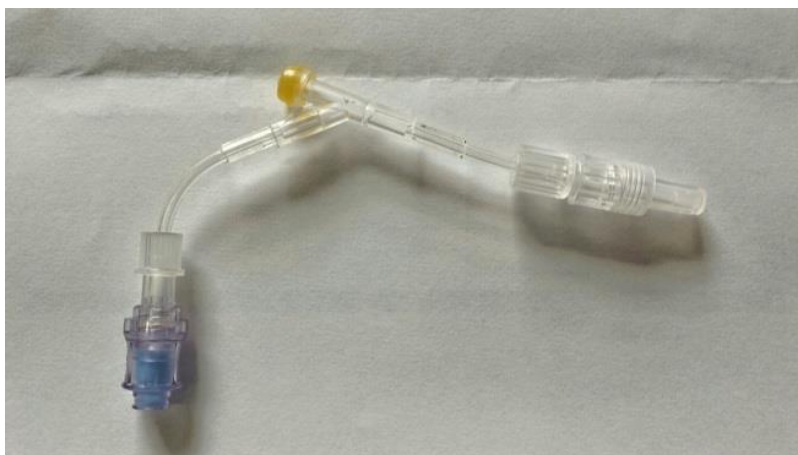
CLINICIAN SUMMARY

Guideline for use of a specifically designed extension set for intravenous enoxaparin administration utilising a pre filled enoxaparin syringe

31 May 2016

Special Notes:

- **ALWAYS** prime extension set prior to use
- **Invert** the extension set when priming to ensure any other injection site cavities also prime
- Attach a 10mL 0.9% sodium chloride for injection loaded syringe to the needle free valve on the end of the extension set
- The **total** priming volume of the extension set is 0.61 mL (this includes the dead space within the needle-free valve and the injection side port cavities). The actual extension tubing itself is only 0.7 mL dead space.



Note: The Multigate Medical Devices (Mdevices), Microbore Extension Set - MLL with RC to NAS with Std Injection Site, 10cm, product code IV050011 is the only one brand intended to be used.

Adapted courtesy of A.McDade, Clinical Nurse Consultant Infusion Management/TPN, Concord Hospital May 2016

Equipment:

- A prefilled enoxaparin 60mg in 0.6mL graduated syringe with fixed subcutaneous needle
- The specific 'Multigate Devices' extension set designed for the administration of IV enoxaparin utilising the prefilled graduated enoxaparin syringe
- 10mL syringe
- 10mL 0.9% sodium chloride for injection (either preloaded normal saline syringe and/or ampoule)
- 1x 70% alcohol swab pad
- 1x pair clean gloves

Procedure:

1. Perform hand hygiene
2. Don clean gloves
3. Attach a 10mL 0.9% sodium chloride for injection preloaded syringe to the needle-free valve of the extension set and prime extension set with at least **1mL** until a saline bleb can be visualised at distal end of extension set
4. Leave normal saline loaded syringe attached to the needle-free valve on the extension set
5. Attach primed extension set to patients intravenous (IV) access device; flush IV access device with normal saline (at least 5mL) to ensure patency
6. Clean the rubber injection side port of the extension set with a 70% alcohol swab, allow to dry
7. **Expel excess dosage** from the prefilled graduated enoxaparin syringe 60 mg in 0.6 mL
8. Administer the intravenous enoxaparin as per Prescription/Policy using the prefilled graduated enoxaparin syringe with fixed subcutaneous needle via the rubber injection side port of the extension set.
9. Remove enoxaparin syringe and discard syringe into sharps container; do not re-sheath needle
10. Immediately follow with remaining volume of the attached normal saline loaded syringe using a pulsatile technique (stop/start flushing) to create turbulence clearing the extension set completely of the small volume of IV enoxaparin administered
11. Remove exhausted normal saline syringe
12. Discard waste as per Infection Control Policies
13. Documentation as per Policy