

Preparation of Standard Concentration Infusion via Empty Sterile 250mL Bag

To be used in conjunction with the 'Standard Operating Procedure for Use of the Children's Health Ireland Paediatric Smart-Pump Drug Library'.

Preparation of large volume infusions (>50mL, ≤250mL) where syringe/buretrol not suitable:

1. Equipment

- 1 x sterile 50mL syringe
- 1 x sterile 250mL infusion bag*
- 1 x IV infusion set
- 1 x blunt needle with filter
- 1 x needle-free device
- 1 x small bore filter extension set
- 1 x sterile tray
- 1 x Medication label
- 2% Chlorhexidine in 70% Alcohol wipes

2. Preparation and Administration

Using Aseptic Non-Touch Technique (ANTT) Level 3 (or level 1/2 as appropriate):

- a) Prepare solution for infusion in 50mL syringe using the blunt needle with filter
- b) Detach the white cap from the access port of the bag (centre access point below clamp)
- c) Attach the needle-free device to the access port. Clean with alcohol wipe and allow to dry for 30 seconds.
- d) Connect 50mL syringe to the needle-free device and insert fluid into bag. Repeat as necessary to fill the bag to the desired volume no greater than 250mL (bag capacity) and close the clamp NB once the clamp is closed it cannot be reopened
- e) Affix a completed medication label to the bag
- f) Detach the blue cap and pierce the access port with the IV infusion set
- g) Check bag for particles as the entry port may core when pierced. If visible particles are present, dispose of the bag and begin preparation from step (a) above. To allow for invisible particles, see following step.
- h) Attach small bore filter extension set to the infusion set; prime the set
- i) Load IV infusion set into infusion pump and programme pump as per prescription and SCI SOP where applicable
- j) Attach to patient and commence infusion.

*Baxter Eva Empty Bag product reference code: E3MC3801A