

Appendix 2 – Summary procedure for administering Parenteral Nutrition (PN)

Prior to setting up the infusion (This is applicable for the three chamber bags without added vitamins and minerals)

1. Remove the PN from its outer plastic bag.
2. Discard the oxygen absorber sachet
3. Confirm the integrity of the bag and of the internal chambers. Use only if the bag is not damaged; if the internal chambers are intact (i.e., no mixture of the contents of the 3 compartments); if the amino acid solution and the glucose solution are clear, colourless, or slightly yellow, and practically free of visible particles; and if the lipid emulsion is a homogeneous liquid with a milky appearance. In the event of the PN being unsuitable for use, contact pharmacy.
4. Ensure the product is at room temperature when breaking the internal chambers.
5. Manually roll the bag onto itself, starting at the top of the bag (hanger end). The non-permanent seals will disappear from the side near the inlets. Continue to roll the bag until the seals are open along approximately half of their length.
6. Mix by inverting the bag at least 3 times.
7. Place the light protective bag provided over the PN bag to protect it and hang it from the drip stand.
8. Check the patient's identity against the prescription on EPMA/ ICCA/Metavision in accordance with Trust Policy.
9. Take note of the batch number and expiry date.

Prior to setting up the infusion for Bespoke/HPN

1. Follow steps 1-5 above
2. These bags tend to be already rolled out so skip steps 6-7
3. Follow steps 8-10 above

Connecting the Parenteral Nutrition

1. Wash hands and gather equipment.
2. Ensure that an aseptic non-touch technique is used when preparing the infusion, accessing the IV device and attaching the PN. See the IV Devices policy for further information.
3. Indicate electronically that the PN was administered on EPMA or ICCA or Metavision
4. Connect to the patient via the accessible blue port

Addition of vitamins & minerals to PN bags

When the vitamins and minerals are provided separately, they need to be written up on the drug chart and can then be delivered daily to the patient either concurrently or during any planned gaps in the delivery of the PN bag (except for HPN/Bespoke patients)