

Parenteral nutrition: Preparation of the parenteral nutrition solution and addition of additives

- Prepare the materials
- Check the parenteral nutrition bag
- Check the additive vials and the ampoules
- Prepare the syringes
- Disinfect the rubber septum of the vial
- Remove the additive from the vial
- Remove the air bubbles from the syringe
- Disinfect the ampoule neck
- Break the neck of the ampoule
- Remove the additive from the ampoule
- Change the needle of the syringe
- Remove the air bubbles and the excess volume of the additive from the syringe, if any
- Disinfect the injection port of the bag
- Inject the additives into the bag
- Mix the bag solution
- Connect the tubing to the bag
- Turn on the pump
- Attach the cassette to the pump
- Secure the cassette
- Reset the reservoir volume of the pump
- Empty the air from the tubing
- Administer the nutrient solution