



Parenteral nutrition: Methods of care SUMMARY

Preparation of the parenteral nutrition solution and addition of additives

1. Prepare the materials
2. Check the parenteral nutrition bag
3. Check additive vials and ampoules
4. Prepare syringes
5. Disinfect the rubber septum of the vial
6. Remove the additive from the vial
7. Remove the air bubbles from the syringe
8. Disinfect ampoule neck
9. Break the neck of the ampoule
10. Remove the additive from the ampoule
11. Change the needle of the syringe
12. Remove the air bubbles and the excess volume of the additive from the syringe, if necessary
13. Disinfect the injection port of the bag
14. Inject the additives into the bag
15. Mix the bag solution
16. Connect the tubing to the bag
17. Turn on the pump
18. Attach the cassette to the pump
19. Secure the cassette
20. Reset the reservoir volume of the pump
21. Empty air from the tubing
22. Administration of the nutrient solution

Monitoring of the catheter site

1. Anticipate
2. Prepare
3. Proceed
4. Position your child
5. Monitor the catheter site
6. Check dressing
7. Check all tubing
8. Check the outer length of the catheter, if applicable
9. Recover



Catheter irrigation

1. Anticipate
2. Prepare
3. Proceed
4. Prepare the materials
5. Remove the air bubbles from the saline syringe
6. Position your child
7. Monitor catheter site
8. Disinfect needleless catheter connector
9. Remove the protective cap from the saline syringe
10. Screw the syringe onto the needleless connector of the catheter
11. Irrigate the catheter with the saline solution
12. Disconnect the syringe from the needleless connector of the catheter
13. Irrigate the catheter with the locking solution, if necessary
14. Monitor catheter site
15. Recover

Administration of the parenteral nutrition solution

1. Anticipate
2. Prepare
3. Proceed
4. Prepare the parenteral nutrition bag and add additives, if necessary
5. Position your child
6. Monitor catheter site
7. Irrigate the catheter with saline solution
8. Disinfect needleless catheter connector
9. Connect the bag tubing to the needleless connector of the catheter
10. Turn on the pump
11. Secure the bag
12. Monitor solution administration
13. Turn off the pump
14. Disconnect the tubing from the needleless connector of the catheter
15. Irrigate the catheter with the saline solution
16. Irrigate the catheter with the locking solution, if necessary
17. Monitor the catheter site
18. Remove the cassette from the pump
19. Recover