



Patient Education

PREPARING YOUR TPN INFUSION

**Store TPN in refrigerator – Remove it 1 hour before time to start infusion

**Store Multivitamins in refrigerator as well

1. **Wash Hands---Clean the surface where you will be working.**

2. Gather supplies in a clean, dry, well-lit area:

- 1 TPN Solution Bag
- Multivitamin Vials (1 blue cap/1 white cap)
- 10 ml Empty Syringe
- 1 18G Needle
- Alcohol Wipes
- Sharps Container for Needle Disposal

Additional supplies only if ordered:

- Insulin and Insulin syringe
- Vitamin K

1. Remove both caps from Multivitamin vials. (Blue and White)
2. Swab both rubber vial tops with alcohol wipe
3. Do not touch these tops after they have been swabbed
4. Open 10 ml syringe and tighten 18G needle to tip by screwing it on
5. Pull plunger of syringe back to the 5 ml mark
6. Insert needle/syringe into first vial of vitamins
7. Push air into vial and let liquid enter the syringe
8. Pull all liquid from neck of vial into the syringe (there should be 5 mls in syringe)
9. Remove syringe from vial # 1.
10. Pull plunger of syringe again to 10 ml mark
11. Insert needle/syringe into second vial of vitamins
12. Push air into vial and let liquid enter the syringe
13. Pull all liquid from neck of vial into the syringe (there should be 10 mls in syringe)
14. Remove needle/syringe from vial # 2
15. Expel all air from syringe
16. You are ready to add the multivitamins to your TPN Bag
17. Swab rubber port of TPN Bag with alcohol wipe
18. Inject all of multivitamin fluid into TPN Bag (Be careful to inject needle straight into bag to prevent puncturing bag)
19. Remove Needle and dispose of this in Sharps Container

20. If ordered, you would add Insulin or Vitamin K to your infusion as well using same procedure for drawing up medication as multivitamins. Keeping needle and rubber tops of vials sterile. Follow steps 1-15.
21. Gently squeeze and rotate TPN Bag to mix medication into solution evenly (Do Not Shake)
22. Open back pack and stop pump, then make sure to turn it off
23. While pump is off change battery
24. Remove old tubing from pump and backpack. Discard old bag and tubing

*Follow KPHC TPN Instruction Procedure for either Adding a New bag or Changing the bag

25. Secure TPN bag in backpack using Velcro straps

- **Keep Sharps Container out of the reach of children and pets.**
- **Notify KPHC nursing when Sharps container is $\frac{3}{4}$ full to obtain a new Sharps container with next delivery**

**Call KPHC Nursing Service with any questions or concerns
1-888-463-8083**