



## TPN Protocol for Home Starts

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1. Notify PCI of plan to start TPN. Please fax packet, including face sheet, H and P/consult notes, recent labs, insurance information, and PICC or port information if available. Fax: (602) 323-5070.
2. **Please have CMP, CBC, Phosphorus and Magnesium levels drawn when planning to start TPN. We need to have these levels before preparing the initial TPN order.**
3. If Potassium, Phosphorus, or Magnesium low, may need to give IV supplementation prior to starting TPN. Our pharmacist or dietitian will check with you as to how much supplementation given or to recommend an amount. If severely low, TPN should be started in hospital after IV repletion.
4. When referral received our dietitian liaison will contact patient to obtain height, weight history, additional medical information as needed, and discuss insurance coverage. Our dietitian and/or pharmacist will prepare TPN order, including recommended labs, line care, and blood glucose monitoring, and fax to physician's office for physician review/signature.
5. **If patient does not already have glucometer, please order glucometer and test strips at patient's retail pharmacy.** Blood sugars should be checked at least twice per day, or up to 4 times per day if diabetic or receiving insulin in TPN.
6. Our nurses will draw labs the first 3 consecutive evenings of TPN during their teaching visits. Labs will be drawn twice in the next week, then weekly. Occasionally, additional labs may be requested. Weekly line care will be provided.
7. To avoid refeeding syndrome, TPN will be initiated with a low amount of calories, (15-20 kcal/kg, and over longer infusion time, 16-24 hours, depending on any oral intake), for the first several days. Calories should be increased and infusion time decreased when appropriate/labs and blood sugars stable.
8. To ensure optimal coordination of care, any **changes in care/condition** that may affect TPN requirements should be communicated to our pharmacist and/or RD, i.e. starting chemo, diuretics, hydration status, etc.

Phone numbers:

PCI Infusion Pharmacy: (480) 246-3975

Holly Saville, RD CNSC (480) 340-5031

Thank you for referring your infusion patients to PCI. We appreciate your business and look forward to working with you!