

Guide to IDPN



Storage and Handling

- IDPN will be shipped **EVERY WEEK** to unit. Shipments are automatic. Please call Pentec Health at 800-223-4376 to hold or restart shipments.
- Solution will arrive on ice packs and should be cool to touch. Inspect bags immediately. If IDPN is warm, frozen, leaking, discolored or cloudy call your Pentec Health Customer Service Representative directly at 800-223-4376.
- All bags should be placed in a refrigerator with a temperature of 36-46 degrees Fahrenheit. Be sure to check your refrigerator temperatures daily.
- All bags should be rotated based on the discard after date listed on the IDPN label to insure the older bags are used first.
 - The shelf life for IDPN will be 9 or 14 days depending on the formulation. Personnel should check the discard after date prior to infusion
- IDPN bags need to be brought to room temperature prior to infusion. (It may take up to 6 hours for a bag to reach room temperature).
- The IDPN bags can be out of the refrigerator for up to 24 hours. After 24 hours the IDPN bag will need to be discarded. (refer to your company policy for further details)
- After reaching room temperature, the IDPN bag should not be returned to the refrigerator. If it is unable to be administered to the patient, the bag should be discarded. **DO NOT MICROWAVE** or use a warm bath.

Administration & Monitoring

- BEFORE administering the IDPN, check the following;
 - Name and formula on the IDPN label to assure it matches the current IDPN prescription.
 - Check the discard after date to make sure the IDPN is not expired. If expired, bag **MUST** be discarded.
 - Assure that the IDPN is at room temperature before infusion.
 - Inspect the IDPN bag for discoloration or other integrity changes.
- Pump information
 - Pump should be plugged in at all times.
 - If your unit/hospital has a biomed unit, make sure the pump is certified. Pump certification is good for 1 year. A pump exchange will be initiated prior to the certification date.
 - Pump should be higher than the patient's dialyzer.
 - If you have the Graseby 3000, make sure the occlusion setting is placed on **HIGH**. The occlusion setting on the Baxter pump is set to high by default.
- Tubing information
 - Tubing set for each IDPN bag will be delivered each week along with the IDPN.
- Administering IDPN
 - Spike bag and prime the tubing to remove air in the lines.
 - Line the tubing in the **PUMP**.
 - Set the infusion rate to match what is listed on the IDPN label and/or the prescription form. Initial titration schedule of IDPN.
 - IDPN 2 in 1 Solution
 - Week 1 Rate: Rate will be set at half of the total volume of IDPN Remaining solution to be discarded
 - Week 2/Goal Rate: Rate will increase to provide the total volume of the IDPN.

- IDPN with Lipids 3 in 1 Solution
 - Week 1 Rate: Rate will be set at half of the total volume of dextrose and amino acids. Remaining solution to be discarded.
 - Week 2 Rate: Rate will be increased to provide the total volume from the amino acids and dextrose.
 - Week 3 /Goal Rate: Rate will increase to provide the total volume from the amino acids, dextrose and lipids.
 - Lipid test dose is done for the first lipid treatment only. See IDPN prescription form for test dose.
- A percentage of the total volume in the IDPN should be added into the total fluid removal calculation for each treatment. **ALL** calculations should be based on the nursing assessment of fluid status.
 - Pentec suggestion for fluid removal.
 - IDPN 2 in 1 solution is approximately 80% of the total volume.
 - IDPN 3 in 1 solution with lipids is approximately 75% of the total volume.

Glucose Monitoring

- Glucose monitoring is optional as per the discretion of the MD. Pentec Health does not provide the equipment or supplies to test or treat blood glucose levels.
- Suggestions for Glucose monitoring (Please refer to your company policy on administration and glucose monitoring in event there are any differences.);
 - IDPN 2 in 1 Solution: Suggested to check blood sugars pre, mid and post of patient who have poor or difficult blood glucose control for 6 treatments or until stable.
 - IDPN with Lipid 3 in 1 Solution: Suggested that the blood glucose levels be checked at the pre, mid and post for a minimum of the first 6 treatments.

Medication Administration

- Verification of compatibility with IDPN must occur prior to co-administering any medication.
 - There is a compatibility chart included in the IDPN manual.
- All IDPN prescriptions have a 15 minute window built in to the infusion schedule to be able to provide injectable medications. This can be adjusted if additional time is needed.
- **ANY** questions about medication compatibility should be directed to the Pentec Health pharmacy 1-800-223-4376.

Additives

- *Pentec Health Pharmacy can add medications to the IDPN therapy to replete serum levels based on physician direction
 - * Availability may be limited during periods of national shortage.
 - Be aware that Expiration dates will be shorter and always check the discard after date on the IDPN label.
- Additional monitoring of serum levels will be requested when medications are added to the IDPN therapy. Lab results can be faxed to 610-494-6148 or 800-355-1029.

**Please contact Pentec Health at
800-223-4376 or refer to the IDPN manual for
additional questions and concerns.**