

Instructions for Parenteral Nutrition

Pentec Health will be providing your parenteral nutrition in coordination with your physician and home nursing provider. Parenteral nutrition is a solution that may include nutrients such as protein, carbohydrates, fats, and electrolytes. It is administered through an intravenous (IV) catheter.

Should you have any questions regarding your therapy, a pharmacist is available **24/7/365** at the following number: **800-223-4376**.

Instructions for Parenteral Nutrition

Inspection

DO NOT use bag if:

- The bags are not cold to the touch when you open the shipping container
- It is completely or partially frozen
- It is leaking
- The "discard after" date on the bags' label has passed

**Contact Pentec Health if you notice any of the above items.*

Refrigeration:

- Place bags in the refrigerator as soon as possible after the shipment arrives.
- Use leftover bags from previous week first if "discard after" date has not passed.
- Set refrigerator between 36° and 46° Fahrenheit.

Warming:

- **DO NOT** infuse a cold solution.
- Remove bag from refrigerator and bring to room temperature before using. This may take several hours.
- Parenteral nutrition bag can be removed from refrigeration for up to 24 hours prior to administration
- Once the bag comes to room temperature, **DO NOT** place back into refrigerator for future use.
- **DO NOT** microwave.

IV Catheter Instructions

Your physician has ordered your therapy be administered through the following IV catheter:

Type: _____

Size: _____

IV Catheter Line Care

A nurse will train you on how to maintain your IV catheter and infuse the solution.

Your nursing agency is:

Preventing Infection

It is important to keep the line free of bacteria. Wash your hands thoroughly before handling the line. Follow all instructions provided by your nurse. Refer to handwashing sheet provided in welcome packet.

Flushing the Line

The line must be flushed so fluids flow easily. Your nurse will teach you how to flush the line and give the Parenteral Nutrition Solution. Refer to information sheet regarding line flushes.

Patient Drug Information

Generic Name: Parenteral Nutrition (PN)

What is this drug used for?

It is used to aid diet needs and give nutrition to the body.

What do I need to tell my doctor BEFORE I take this drug?

If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had. If you have an allergy to corn, corn products, eggs, peanuts or soybeans, talk with your doctor. If you have any of these health problems: High cholesterol or triglycerides, certain amino acid metabolism problems, heart or lung problems, or a certain health problem called hemophagocytic syndrome. If you are taking ceftriaxone. This is not a list of all drugs or health problems that interact with this drug. Tell your doctor and pharmacist about all of your drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for you to take this drug with all of your drugs and health problems. Do not start, stop, or change the dose of any drug without checking with your doctor.

What are some things I need to know or do while I take this drug?

Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists. Have blood work checked as you have been told by the doctor. If you have high blood sugar (diabetes), talk with your doctor. This drug may raise blood sugar. Check your blood sugar as you have been told by your doctor. Tell your doctor if you have signs of high or low blood sugar like breath that smells like fruit, dizziness, fast breathing, fast heartbeat, feeling confused, feeling sleepy, feeling weak, flushing, headache, unusual thirst or hunger, passing urine more often, shaking, or sweating. This drug may affect certain lab tests. Tell all of your health care providers and lab workers that you take this drug. High triglyceride levels have happened with this drug. Tell your doctor if you have ever had high triglyceride levels. Severe lung problems have happened with this drug. Rarely, this has been deadly. Call your doctor right away if you have signs of lung problems like shortness of breath or other trouble breathing, cough, or fever. This drug may contain aluminum. There is a chance of aluminum toxicity if you are on this drug for a long time. The risk is greater if you have kidney problems. The risk is also higher in premature infants. Watch premature and newborn infants closely. Severe and sometimes deadly side effects have happened from giving this drug too fast. This drug may not be for use in children of all ages. Talk with the doctor before giving this drug to a child. Tell your doctor if you are pregnant, plan on getting pregnant, or are breast-feeding. You will need to talk about the benefits and risks to you and the baby.

What are some side effects that I need to call my doctor about right away?

WARNING/CAUTION: Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your doctor or get medical help right away if you have any of the following signs or symptoms that may be related to a very bad side effect:

Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat. Signs of infection like fever, chills, very bad sore throat, ear or sinus pain, cough, more sputum or change in color of sputum, pain with passing urine, mouth sores, or wound that will not heal. Signs of liver problems like dark urine, tiredness, decreased appetite, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes. Signs of gallbladder problems like pain in the upper right belly area, right shoulder area, or between the shoulder blades; change in stools; dark urine or yellow skin or eyes; or fever with chills. Signs of a pancreas problem (pancreatitis) like very bad stomach pain, very bad back pain, or very bad upset stomach or throwing up. Signs of fluid and electrolyte problems like mood changes, confusion, muscle pain or weakness, fast or abnormal

heartbeat, severe dizziness or passing out, increased thirst, seizures, feeling very tired or weak, decreased appetite, unable to pass urine or change in the amount of urine produced, dry mouth, dry eyes, or severe upset stomach or throwing up. Signs of high blood pressure like very bad headache or dizziness, passing out, or change in eyesight. Other side effects may include fast breathing, shortness of breath, a big weight gain, or swelling in the arms or legs, chest pain, dizziness or passing out, blue or gray skin color, upset stomach or throwing up, headache, sweating a lot, flushing, unexplained bruising or bleeding. This drug may cause irritation to the vein or a blood clot. Tell the nurse or doctor if you have pain, redness, swelling, tenderness, warmth, or leaking of fluid where the drug is going into your body.

What are some other side effects of this drug?

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your doctor or get medical help if you have any side effects that bother you or do not go away. These are not all of the side effects that may occur. If you have questions about side effects, call your doctor. Call your doctor for medical advice about side effects. You may report side effects to your national health agency.

How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely. It is given as an infusion into a vein over a period of time. Your doctor may teach you how to use. Do not use if the solution is leaking or has particles. Do not use if solution changes color. Throw away needles in a needle/sharp disposal box. Do not reuse needles or other items. When the box is full, follow all local rules for getting rid of it. Talk with a doctor or pharmacist if you have any questions.

What do I do if I miss a dose?

Call your doctor to find out what to do.

How do I store and/or throw out this drug?

Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets. Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions about the best way to throw out drugs. There may be drug take-back programs in your area.

General Drug Facts

If your symptoms or health problems do not get better or if they become worse, call your doctor. Do not share your drugs with others and do not take anyone else's drugs. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider. If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

Consumer Information Use and Disclaimer

This generalized information is a limited summary of diagnosis, treatment, and/or medication information. It is not meant to be comprehensive and should be used as a tool to help the user understand and/or assess potential diagnostic and treatment options. It does **NOT** include all information about conditions, treatments, medications, side effects, or risks that may apply to a specific patient. It is not intended to be medical advice or a substitute for the medical advice, diagnosis, or treatment of a health care provider based on the health care provider's examination and assessment of a patient's specific and unique circumstances. Patients must speak with a health care provider for complete information about their health, medical questions, and treatment options, including any risks or benefits regarding use of medications. This information does not endorse any treatments or medications as safe, effective, or approved for treating a specific patient. UpToDate, Inc. and its affiliates disclaim any warranty or liability relating to this information or the use thereof. The use of this information is governed by the Terms of Use, available at <https://www.wolterskluwer.com/en/know/clinical-effectiveness-terms>.

2023 UpToDate, Inc. and its affiliates and/or licensors. All rights reserved.