



PATIENT & CAREGIVER EDUCATION

Amino Acid Injection

This information from Lexicomp® explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

Brand Names: US

AminoProtect; Aminosyn II; Aminosyn II/Electrolytes [DSC]; Aminosyn M [DSC]; Aminosyn [DSC]; Aminosyn-HBC [DSC]; Aminosyn-PF; Aminosyn-RF [DSC]; Aminosyn/Electrolytes [DSC]; Clinimix E/Dextrose (2.75/10) [DSC]; Clinimix E/Dextrose (2.75/5); Clinimix E/Dextrose (4.25/10); Clinimix E/Dextrose (4.25/25) [DSC]; Clinimix E/Dextrose (4.25/5); Clinimix E/Dextrose (5/15); Clinimix E/Dextrose (5/20); Clinimix E/Dextrose (5/25) [DSC]; Clinimix E/Dextrose (8/10); Clinimix E/Dextrose (8/14); Clinimix N₁₄G₃₀E [DSC]; Clinimix N₉G₁₅E [DSC]; Clinimix N₉G₂₀E [DSC]; Clinimix/Dextrose (2.75/5) [DSC]; Clinimix/Dextrose (4.25/10); Clinimix/Dextrose (4.25/20) [DSC]; Clinimix/Dextrose (4.25/25) [DSC]; Clinimix/Dextrose (4.25/5); Clinimix/Dextrose (5/15); Clinimix/Dextrose (5/20); Clinimix/Dextrose (5/25) [DSC]; Clinimix/Dextrose (6/5); Clinimix/Dextrose (8/10); Clinimix/Dextrose (8/14); Clinisol SF; FreAmine HBC; FreAmine III; Hepatamine; NephroAmine;

Plenamaine; Premasol; Prosol; Synthamin 17 [DSC]; Travasol; TrophAmine; Trophamine [DSC]

Brand Names: Canada

Aminosyn 10% [DSC]; Aminosyn II 10%; Aminosyn II 15%; Clinimix E/Dextrose (5/10); Clinimix E/Dextrose (5/16.6); Clinimix E/Dextrose (5/20); Clinimix/Dextrose (5/10); Clinimix/Dextrose (5/16.6); Clinimix/Dextrose (5/20); Clinimix/Dextrose (5/5); Hepatamine; NephAmine [DSC]; Primene; Prosol 20%; Travasol

What is this drug used for?

- It is used to 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 any of these health problems: High blood ammonia levels, low blood volume, certain amino acid metabolism problems, blood acid or electrolyte problems, or too much fluid in the lungs.
- If you have any of these health problems: Kidney disease or liver disease.
- If you have trouble passing urine.

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. Talk with the doctor.
- If you are allergic to sulfites, talk with your doctor. Some products have sulfites.
- 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. Talk with the doctor.
- This drug may be mixed into parenteral nutrition (PN). Blood clots in the lungs, infections, high blood sugar, and liver problems have happened with PN. Sometimes, deaths from

blood clots in the lungs have happened. If you have any questions, talk with the doctor.

- If this product has dextrose in it and you have high blood sugar (diabetes), talk with the doctor.
- If you are 65 or older, use this drug with care. You could have more side effects.
- Use with care in children. Talk with the doctor.
- Tell your doctor if you are pregnant or plan on getting pregnant. You will need to talk about the benefits and risks of using this drug while you are pregnant.
- Tell your doctor if you are breast-feeding. You will need to talk about any risks to your 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 fluid and electrolyte problems like mood changes, confusion, muscle pain or weakness, a heartbeat that does not feel normal, very bad dizziness or passing out, fast heartbeat, more thirst, seizures, feeling very tired or weak, not hungry, unable to pass urine or change in the amount of urine produced, dry mouth, dry eyes, or very bad upset stomach or throwing up.
- Signs of high ammonia levels like a heartbeat that does not feel normal, breathing that is not normal, feeling confused, pale skin, slow heartbeat, seizures, sweating, throwing up, or twitching.
- Signs of liver problems like dark urine, feeling tired, not hungry, upset stomach or stomach pain, light-colored stools, throwing up, or yellow skin or eyes.
- Signs of high or low blood pressure like very bad headache or dizziness, passing out, or change in eyesight.
- Change in color of skin to a bluish color like on the lips, nail beds, fingers, or toes.
- Sweating a lot.
- Shortness of breath, a big weight gain, or swelling in the arms or legs.
- Chest pain.
- Coughing up blood.

- Fever or chills.
- This drug may irritate the vein. If the drug leaks from the vein, it may also cause irritation around that area. Tell your nurse if you have any redness, burning, pain, swelling, 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.

You may report side effects to the FDA at 1-800-332-1088. You may also report side effects at <https://www.fda.gov/medwatch>.

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.

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?

- If you need to store this drug at home, talk with your doctor, nurse, or pharmacist about how to store it.

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.
- 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.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
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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 information should not be used to decide whether or not to take this medicine or any other medicine. Only the healthcare provider has the knowledge and training to decide which medicines are right for a specific patient. This information does not endorse any medicine as safe, effective, or approved for treating any patient or health condition. This is only a brief summary of general information about this medicine. It does NOT include all information about the possible uses, directions, warnings, precautions, interactions, adverse effects, or risks that may apply to this medicine. This information is not specific medical advice and does not replace information you receive from the healthcare provider. You must talk with the healthcare provider for complete information about the risks and benefits of using this medicine.

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If you have any questions, contact a member of your healthcare team directly. If you're a patient at MSK and you need to reach a provider after 5:00 PM, during the weekend, or on a holiday, call 212-639-2000.

For more resources, visit www.mskcc.org/pe to search our virtual library.

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