

## GREENOR 20% w/v solution for infusion 50ml vial

### *Features*

1. Available as L-alanyl-L-glutamine dipeptide in 20% 50ml solution
2. Glutamine is conditionally essential amino acid for use in highly catabolic patients
3. Glutamine forms 60% of free amino acid pool in the muscles and should be administered as part of amino acid supplementation in parental nutrition
4. Dipeptide technology ensures stability on heat sterilization
5. Systemic role of glutamine:
  - Supports glutathione synthesis
  - Increases cellular defence mechanism
  - Fuel for Enteroocytes and immune cells
  - Is a nitrogen donor
  - Reduces insulin resistance
  - As an immunonutrient.
  - Muscle & Joint pains
  - Improves recovery after bowel surgery
  - Swelling inside the mouth (mucositis)
  - In wound healing or tissue repair
  - Nerve pain
  - Reduces acute complications of sickle cell disease
  - Loss of WBCs
  - Management of immunocompromised patients with invasive fungal rhinosinusitis
  - Severe metabolic stress( trauma or sepsis)
  - Post surgery
  - Reduces insulin resistance
  - Preventing infections in Critically ill patients following burns
  - Precursor of glutathione and arginine
  - Short bowel syndrome
  - Increases well being of patients suffering traumatic injuries
  - Digestive system conditions such as diarrhea, inflammation of pancreas, stomach ulcers, ulcerative colitis and crohn's disease

## INTRODUCTION

GREENOR 20gm Infusion is an amino acid that is used to treat nutritional deficiencies. It increases the synthesis of muscle proteins and improves electrolyte and water absorption in the intestine. It also increases the body's natural defense mechanism and helps to treat malnutrition.

GREENOR 20gm Infusion is given under the supervision of a healthcare professional. Take it in a dose and duration as advised by the doctor. While you are taking it, your doctor may advise for regular monitoring of liver function.

This medicine is usually safe and may not cause any side effects. However, before taking it report to the doctor if you have a known allergy to this medication or you are suffering from any liver or kidney disease.

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## USES OF GREENOR INFUSION

- Short term fluid replacement after trauma

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## SIDE EFFECTS OF GREENOR INFUSION

Most side effects do not require any medical attention and disappear as your body adjusts to the medicine. Consult your doctor if they persist or if you're worried about them

Common side effects of GREENOR

- No common side effects seen

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## HOW TO USE GREENOR INFUSION

Your doctor or nurse will give you this medicine. Kindly do not self-administer.

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## HOW GREENOR INFUSION WORKS

L-alanyl-L-glutamine belongs to class of drugs called amino acids. It works by inhibiting the muscle break down and increases the synthesis of muscle proteins and also it improves electrolyte and water absorption in the intestines and increases the body's natural defense mechanism.

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## SAFETY ADVICE



### Alcohol

#### CONSULT YOUR DOCTOR

It is not known whether it is safe to consume alcohol with GREENOR 20gm Infusion. Please consult your doctor.



### Pregnancy

#### CONSULT YOUR DOCTOR

Information regarding the use of GREENOR 20gm Infusion during pregnancy is not available. Please consult your doctor.



### Breastfeeding

#### CONSULT YOUR DOCTOR

Information regarding the use of GREENOR 20gm Infusion during breastfeeding is not available. Please consult your doctor.



### **Driving**

#### **CONSULT YOUR DOCTOR**

It is not known whether GREENOR 20gm Infusion alters the ability to drive. Do not drive if you experience any symptoms that affect your ability to concentrate and react.



### **Kidney**

#### **CONSULT YOUR DOCTOR**

There is limited information available on the use of GREENOR 20gm Infusion in patients with kidney disease. Please consult your doctor.



### **Liver**

#### **CONSULT YOUR DOCTOR**

There is limited information available on the use of GREENOR 20gm Infusion in patients with liver disease. Please consult your doctor.