## Vitamin C 12.5g & Minerals - IV Drip



### What is Vitamin C 12.5g & Minerals IV?

Vitamin C is a well established antioxidant. Vitamin C enters all cells where it acts as a respiratory catalyst, potent antioxidant and aids in liver detoxification. In addition, to these biological activities, vitamin C is a cofactor for various enzymes, particularly those involved in immune, nerve and bone cells. The role of vitamin C in the synthesis of collagen, carnitine, neurotransmitters and neuropeptides is essential for wound healing, energy metabolism and nervous system function. Vitamin C also works as an antiviral by interfering with viral protein-coat production which prevents the assembly of new viral units. In the face of disease, cancer, toxins and bacteria, our levels of vitamin C are reduced and require replenishment.

These effects make IV vitamin C an effective treatment for a variety of conditions. As the concentration of oral vitamin C is tightly controlled in plasma and tissues, it is necessary at times to give vitamin C intravenously in order to reach pharmacologically active doses. Intravenous vitamin C is superior to oral doses due to its bypass to the digestive system, which is an energy and dose-dependent process. With doses greater than 2g, less than 20% is actually absorbed; leaving a large quantity of vitamin C in the intestinal lumen that collects water and leads to gastrointestinal cramping, bloating, and diarrhea.

This IV also contains major and trace minerals, both necessary in a number of metabolic pathways such as muscle contraction, nerve conduction, protein synthesis, immune function, connective tissue health, fluid regulation, and correct acid-base balance within the body. Mineral deficiency has become increasingly more common with poor diet, malabsorption conditions, and modern day agriculture depleting our soil of many minerals. Periods of enhanced or prolonged stress require increased amounts of these vitamins and minerals to restore homeostasis and repair within the body.

#### Uses

- Electrolyte imbalances
- Immune support and resiliency to infections
- Wound repair and collagen regeneration
- Anti-viral
- Improve energy levels and adrenal health

#### Ingredients

- Ascorbic Acid (12.5g)
- · Magnesium Chloride
- Calcium Chloride
- · Potassium Chloride
- Dexpanthenol (B5)
- Pyridoxine (B6)
- B-Complex
- Methylcobalamine (B12)
- Multi Minerals
- Selenium
- Procaine 2%
- Sterile Water

#### Side Effects

#### Common

- Bruising at IV access site
- Fatigue
- Heat & flushing sensation due to the magnesium
- B-vitamin taste

#### Rare

- Allergic reaction
- Nausea
- Hypoglycemia
- Temporary numbness in hands from rapid infusion
- Detox reactions: headache, body ache

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Procedure	
This IV has one component, administered from a hanging intravenous bag into a single IV access site.	
Duration	
2.5-3 hours	
Patient Prep	
Please inform a lab technician and/or your doctor if you have any allergies; have a history of any reaction to intravenous treatment; are pregnant or breastfeeding; are taking blood sugar lowering medications, thyroid	
medications, immunomodulating medications, or cancer medications; or have any concerns regarding this treatment.	
Please consult with your ND if you condition worsens.	
If you have any questions, please contact us at	
(604)738-1012, ext.1	
Notes	

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