

## IVIT-12 INJECTION

**For the use of a Registered Medical Practitioner or a Hospital or a Laboratory Only**

Abbreviated Prescribing information for **IVIT-12 INJECTION** [Combination Pack of Vitamin C Injection I.P. (Part 1) & Vitamin B<sub>12</sub>, Folic acid & Niacinamide Injection (Part 2)] [Please refer the complete prescribing information available at [www.torrentpharma.com](http://www.torrentpharma.com)]

**PHARMACOLOGICAL PROPERTIES:** Vitamin c, a water-soluble vitamin, is essential for the synthesis of collagen and intercellular material, vitamin b<sub>12</sub> is essential to growth, cell reproduction, hematopoiesis, and nucleoprotein and myelin synthesis, folic acid acts on megaloblastic bone marrow to produce a normo-blastic marrow; nicotinamide has demonstrated beneficial effects on inflammatory acne. It is considered that these effects are related to its significant anti-inflammatory activity.

**INDICATION:** Useful as a co-prescription in the management of chronic diseases like cardiovascular disorders such as hyperlipidemia, megaloblastic anemias, malignancy of pancreas or bowel prehypertension/hypertension, coronary artery disease; diabetes associated conditions such as insulin resistance, prediabetes, polycystic ovary syndrome, multiple sclerosis; chronic inflammatory condition such as rheumatoid arthritis; ophthalmological conditions such as cataract, glaucoma, diabetic retinopathy, age related macular degeneration and infertility.

**DOSAGE AND ADMINISTRATION** Dose should be given as directed by the physician.

-IVIT-12 injection must only be administered by the IV or IM route. But before administering the first dose to a new patient, a test dose of IVIT-12 injection should be given. Direction for Use: Mix the content of ampoules of Part 1 & Part 2 before administration 1. Do not use if suspended material is visible in the solution 2. For I.M/I.V. – Drip

**CONTRAINDICATION:** Hypersensitivity to any of the components of formulation.

**WARNINGS & PRECAUTIONS:** Vitamin C-Increased intake of ascorbic acid over a prolonged period may result in an increase in renal clearance and deficiency may result if it is withdrawn too rapidly. Vitamin B<sub>12</sub>- Doses of Cyanocobalamin exceeding 10 mcg daily may produce hematologic response in patients with folate deficiency. Indiscriminate administration may mask the true diagnosis. Folic acid- Administration of folic acid alone is improper therapy for pernicious anemia and other megaloblastic anemias in which vitamin B<sub>12</sub> is deficient. Niacinamide- Caution should also be used when niacinamide is used in patients with unstable angina or in the acute phase of an MI, particularly when such patients are also receiving vasoactive drugs such as nitrates, calcium channel blockers, or adrenergic blocking agents.

**DRUG INTERACTIONS:** Antacids, Agents that affect blood products, agents that affect the nervous system, alcohol, Alzheimer's agents, antibiotics (neomycin), anti-seizure agents, aspirin, bile acid sequestrants, birth control pills, cardiovascular agents, chloramphenicol, metformin, nicotine, nitrous oxide, para-aminosalicylic acid, stimulants and zidovudine, phenytoin, primidone, calcium-channel blockers, cholesterol-lowering agents (bile acid sequestrants, fibrates, HMG-CoA reductase inhibitors), epinephrine, estrogens, ganglionic blocking drugs, griseofulvin, neomycin, nicotine, nonsteroidal anti-inflammatory drugs (NSAIDs), probucol, procetofene, progestins, pyrazinamide, theophylline, and thyroid hormones.

**ADVERSE REACTIONS:** Temporary faintness or Dizziness, Polycythemia vera, itching; transitory exanthema, Mild transient diarrhea and feeling of swelling of entire body, erythema, skin rash, itching, general malaise, and respiratory difficulty due to bronchospasm, dryness of the skin.

**MARKETED BY:**



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(Additional information is available on request)