

## Composition

Each vial contains:

Active ingredients	Specification	Quantity (mg)
Vitamin B <sub>1</sub> (as Thiamine Nitrate)	BP	2.5
Vitamin B <sub>2</sub> (as Riboflavin Sodium Phosphate)	BP	3.6
Nicotinamide	BP	40
Vitamin B <sub>6</sub> (as Pyridoxine Hydrochloride)	BP	4
Pantothenic Acid (as Dexpanthenol)	BP	15
Ascorbic Acid (as Sodium Ascorbate)	BP	100
Biotin	BP	0.06
Folic Acid	BP	0.4
Vitamin B <sub>12</sub> (as Cyanocobalamin)	BP	0.005

**Each 100 ml Glass Bottle Contains:** 0.9 g Sodium Chloride BP

## Description

Vidalin N IV is a sterile, lyophilized powder of water-soluble vitamins for infusion. It contains balanced amount of all the important water soluble vitamins which act as coenzymes of vital enzymes associated with crucial physiological processes, energy metabolism, cell growth and replenishment especially in brain and nerve cells. Vitamin C acts as an antioxidant and helps in collagen formation. Intravenous administration of this combination gives prompt action.

## Indications

Vidalin N IV is intended as a supplement for intravenous nutrition in order to meet the daily requirements of the water soluble vitamins and electrolytes.

## Dosage and Administration

Adults and children weighing 10 kg or more : 1 vial (10 ml) daily.

Children weighing less than 10 kg : should be given 1 ml of the dissolved mixture per kg body weight/day.

## Instructions for Use

- Take 10 ml normal saline from glass bottle by syringe
- Open the cap of 10 ml vial and inject the syringe containing 10 ml normal saline into the vial. It will make a yellow colored solution inside the vial
- Take the solution from vial into syringe
- Inject the syringe containing solution into the glass bottle of normal saline
- Now inject the solution into patient's body through slow IV infusion, at rates 20 drops/ minute

## Side Effects

Allergic reactions may occur in patients hypersensitive to any component of the preparation, e.g. Thiamine.

## Precautions

When Lyophilized Powder for Infusion is diluted with water based solutions, the admixture should be protected from light. This is not necessary if lyophilized powder for infusion is diluted with intralipid because of the protective effect of the fat emulsion.

## Contraindications

Known hypersensitivity to any of the components, e.g. Thiamine.

## Use in Pregnancy and Lactation

USFDA Pregnancy Category A.

## Overdosage

No adverse effects of an overdose of water soluble multivitamin have been reported, with exception of cases of extremely high parenteral doses. The possibility of hypervitaminosis A and D should be considered if lyophilized powder for infusion is dissolved in another multivitamin injection.

## Drug Interactions

Vitamin B<sub>6</sub> can reduce the effect of Levodopa. Folic Acid may lower the serum concentration of Phenytoin.

## Pharmaceutical Precautions

Before reconstitution : Store at below 25°C in a dry place, protected from light. Keep out of reach of children.

After reconstitution : The reconstituted Vidalin N IV should be added to the infusion solution aseptically immediately before the start of the infusion.

## Commercial Pack

Vidalin N IV Infusion : Each combipack contains 1 vial of water soluble multivitamin powder for infusion, 1 bottle of 100 ml Normal saline, 1 disposable syringe (10 ml), 1 infusion set, 1 hanger, 1 first aid bandage & 1 alcohol pad.

Manufactured by :



**POPULAR PHARMACEUTICALS PLC.**

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