

NEPHROCAPS

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

Abbreviated Prescribing information for NEPHROCAPS [Multivitamin Capsules]

[Please refer the complete prescribing information available at www.torrentpharma.com]

PHARMACOLOGICAL PROPERTIES:

MECHANISM OF ACTION: Ascorbic acid (Vitamin C) is important in the hydroxylation of dopamine to noradrenaline and in hydroxylations occurring in steroid synthesis in the adrenals. It is indirectly involved in the synthesis of purine and thymine. Vitamin C is also necessary for the incorporation of iron into ferritin. Vitamin C increases the phagocytic function of leucocytes; it possesses anti-inflammatory activity, and it promotes wound healing. The biochemical functions of nicotinamide (Niacinamide) as NAD and NADP (nicotinamide adenine dinucleotide phosphate) include the degradation and synthesis of fatty acids, carbohydrates, and amino acids as well as hydrogen transfer. Pantothenic acid is incorporated into co-enzyme A and is involved in metabolic pathways involving acetylation which includes detoxification of drug molecules and biosynthesis of cholesterol, steroid hormones, mucopolysaccharides and acetylcholine. Pyridoxine (Vitamin B6), once absorbed, plays an essential role in protein metabolism. Thiamine (Vitamin B1) (as the coenzyme, thiamine pyrophosphate) is associated with carbohydrate metabolism. Riboflavin (Vitamin B2) is phosphorylated to flavine mononucleotide and flavine adenine dinucleotide which act as co-enzymes in the respiratory chain and in oxidative phosphorylation. Folic acid is reduced in the body to tetrahydrofolate which is a co-enzyme for various metabolic processes, including the synthesis of purine and pyrimidine nucleotides and hence in the synthesis of DNA. Biotin is a co-enzyme for carboxylation during the metabolism of proteins and carbohydrates. Cyanocobalamin (Vitamin B12) is present in the body mainly as methylcobalamin and as adenosylcobalamin and hydroxocobalamin. These act as co-enzymes in the trans methylation of homocysteine to methionine; in the isomerisation of methylmalonyl co-enzyme to succinyl co-enzyme and with folate in several metabolic pathways respectively.

INDICATIONS: For various vitamins deficiency states.

DOSAGE AND ADMINISTRATION: Take one capsule a day or as directed by physician, orally.

CONTRAINDICATION: The product is contraindicated in patients with known hypersensitivity to any of the ingredients.

WARNINGS & PRECAUTIONS: Folic acid supplementation may obscure pernicious anemia, in that hematologic remission can occur while neurological manifestations progress.

DRUG INTERACTIONS: NA

ADVERSE REACTIONS: Allergic sensitizations have been reported following oral administration of folic acid.

MARKETED BY:



Torrent Pharmaceuticals Limited.
Torrent House, Off Ashram Road,
Ahmedabad-380 009, INDIA

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(Additional information is available on request)