

NEUROCURE

Calcium Pantothenate, Vitamin B₁, Vitamin B₃, Vitamin B₆
& Vitamin B₁₂ Tablets

COMPOSITION:

Label claim:

Each film coated tablet contains:

Calcium Pantothenate BP	50 mg
Vitamin B ₁ BP	10 mg
Vitamin B ₃ BP	45 mg
Vitamin B ₆ BP	3 mg
Vitamin B ₁₂ BP	15 mcg
Excipients	q.s.

Colour: Titanium Dioxide BP

INDICATION:

Neurocure is indicated for the treatment of clinical and sub-clinical vitamin B deficiency states (manifestations of which include glossitis, stomatitis, cheilosis, the heart manifestations of beriberi, the skin manifestations of pellagra, corneal vascularisation and polyneuritis) and can also be given in adjunctive therapy as an alternative drug of choice in Hyperlipidemia, Nephropathic cystinosis, Paralytic ileus.

DOSAGE AND ADMINISTRATION:

Route of Administration: Oral

Adults (including elderly) and children over 3 years:

One to two tablets three times daily.

Children under 3 years:

Not recommended.

CONTRAINDICATION:

Hypersensitivity to any of the active substances or to any of the excipients.

SPECIAL WARNING AND PRECAUTION FOR USE:

Patients with rare hereditary problems of galactose intolerance, the Lapp lactase deficiency or glucose-galactose malabsorption should not take this medicine. It should not be given to renal compromised patients.

ADVERSE REACTION:

Toxic effects are unlikely since any excess vitamin B is excreted.

INTERACTION WITH OTHER MEDICINE AND CONCOMITANT USE:

Pyridoxine may increase the peripheral metabolism of levodopa, reducing therapeutic efficacy of the latter drug. Therefore, patients with Parkinson's disease who are receiving treatment with plain levodopa should not take vitamin B₆ in doses which greatly exceed the daily requirement. This does not apply when levodopa is combined with a peripheral decarboxylase inhibitor.

PREGNANCY AND LACTATION:

The usual precautions should be observed when administering drugs during pregnancy, especially in the first trimester.

In high doses, pyridoxine may interfere with prolactin release and should only be used with caution in nursing mothers.

EFFECTS ON ABILITY TO DRIVE AND USE

MACHINES:

None known.

OVERDOSE:

Excess vitamin B is readily excreted, therefore no serious problems are anticipated for the administration of vitamin B

in this form.

PHARMACOLOGICAL PROPERTIES:

PHARMACOKINETICS:

Oral absorption of Calcium Pantothenate is found to be 50.5% ±10.5 and metabolism is reported 10% via liver. Renal Excretion accounts for major.

Thiamine is absorbed from the GI tract and is widely distributed to most body tissues. It is not stored to any appreciable extent in the body and amounts in excess of requirements are excreted in the urine as unchanged thiamine or metabolites.

Nicotinamide is readily absorbed from the GI tract following oral administration and is widely distributed in the body tissues. Small amounts of nicotinamide are excreted unchanged in urine following therapeutic doses, however, the amount excreted unchanged is increased with larger doses.

Pyridoxine is absorbed from the GI tract and is converted to the active form pyridoxal phosphate. It is excreted in the urine as 4-pyridoxic acid.

PHARMACODYNAMICS:

Calcium Pantothenate

It is of Synthetic origin and belongs to B Vitamin. It belongs to Nutrients and Vitamins pharmacological group on the basis of mechanism of action and also classified in Coenzyme pharmacological group.

Thiamine mononitrate is a vitamin (B₁)

Nicotinamide is a vitamin (B₃)

Pyridoxine hydrochloride is a vitamin (B₆)

The vitamin B-complex comprises a group of water-soluble factors more or less closely associated in their natural occurrence. It is known that nearly every vitamin of the B-complex forms part of a co-enzyme essential for the metabolism of protein, carbohydrate or fatty acid.

PACKAGING:

10 tablets are packed in an Alu Alu blister and such 10 blisters are packed in a printed carton along with pack insert.

STORAGE CONDITION:

Store in dry place below 30°C.

Keep out of reach of children.

SHELF LIFE:

36 Months

MANUFACTURED BY:

CIAN HEALTHCARE LTD.

(An ISO 9001:2015 & WHO GMP Certified Co.)

Kh. No.: 248, Village Sisona, Bhagwanpur,

Roorkee, Haridwar, Uttarakhand, India.