

Cube® [Mecobalamin] 500mcg Tablets

کیوب گولیاں

DESCRIPTION:

CUBE (Mecobalamin) is a coenzyme type vitamin B12. It plays an important role in red blood cell formation, methylation reaction, brain and nervous system functions and immune system functions.

QUALITATIVE AND QUANTITATIVE COMPOSITION:

CUBE (Mecobalamin) is available for oral administration as:

CUBE 500mcg Tablet

Each sugar coated tablet contains:

Mecobalamin JP.....500mcg

(Product Specs.: JP)

CLINICAL PHARMACOLOGY:

Mechanism of Action:

- Mecobalamin is the one and only homologue of Vitamin B12 found in the brain that participates in transmethylation. Mecobalamin is well transported to nerve cell organelles and plays the role of coenzyme and thus promoting nucleic acid protein synthesis and exerts a repairing effect on injured nerve tissues.
- Mecobalamin normalizes axonal transport of skeletal protein.
- Mecobalamin promotes the synthesis of lecithin, thus promoting myelination (phospholipid synthesis).
- Mecobalamin also restores delayed synaptic transmission and diminished neurotransmitters towards normal.

Pharmacokinetics:

Vitamin B12 substances bind to intrinsic factor, a glycoprotein secreted by the gastric mucosa and are then actively absorbed from the gastrointestinal tract.

Vitamin B12 is extensively bound (80%) to specific plasma proteins called transcobalamins; transcobalamin II appears to be involved in the rapid transport of the cobalamins to tissues.

Vitamin B12 is stored in the liver (50%), excreted in the bile and undergoes extensive enterohepatic recycling. Some of the B12 secreted in the bile is excreted in the feces while the other part is excreted in the urine (40-80%), most of it in the first 8 hours. Vitamin B12 diffuses across the placenta and also appears in breast milk.

THERAPEUTIC INDICATIONS:

CUBE (Mecobalamin) is indicated for the treatment of:

- Peripheral neuropathies

DOSAGE AND ADMINISTRATION:

The usual adult dosage is one tablet three times daily. The dosage may be adjusted depending on patient's age and symptoms.

-**CUBE** Tablets can be taken with or without food.

CONTRAINDICATIONS:

Hypersensitive to mecobalamin or any component of this product or other B12 containing products.

PRECAUTIONS:

- Mecobalamin should not be used for more than one month unless it is effective.
- Prolonged use of larger doses is not recommended for patients who are directly involved in handling of mercury or its compounds.
- Mecobalamin is susceptible to photolysis. Light decreases the content of mecobalamin and tablets may change colour (eg. turn reddish) with exposure. Therefore, this product should be used promptly after the package is opened, and caution should be taken so as not to expose the tablets to light/moisture.

Pregnancy and Lactation:

Mecobalamin is not recommended in pregnant and lactating women.

DRUG INTERACTIONS:

- Decreased GI tract absorption with neomycin, aminosalicylic acid, H₂-blockers and colchicine.
- Reduced serum concentrations with oral contraceptives.

ADVERSE REACTIONS:

Generally mecobalamin is well tolerated. However a few side effects like GI discomfort (including anorexia, nausea or diarrhea) and rash may be seen.

OVERDOSAGE:

Mecobalamin has excellent tolerability. Treatment is unlikely to be needed in cases of over dose.

INSTRUCTIONS:

- Store below 30°C.
- Protect from light & moisture, if exposed to light potency of tablet may be affected.
- Keep out of reach of children.

To be sold on prescription of a registered medical practitioner only.

HOW SUPPLIED:

CUBE (Mecobalamin) 500mcg Tablets are available in pack of 20's, 30's & 100's.

خوراک: ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔

ہدایت: دوا کو 30°C سے کم درجہ حرارت پر رکھیں۔

روش استعمال: بچہ یا بچہ نہیں، اگر روزانہ روٹی کا اثر ہو تو دوا کی تاحیر ختم ہو جائے گی۔

بچہ کی کھانسی سے دور رکھیں۔

ا۔ صرف دوا کو ڈاکٹر کے نسخے کے مطابق فروخت کریں۔

Manufactured by:
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