

NEUROCOBAL TABLETS 500 MCG

Methylcobalamin (500mcg)

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What Neurocobal Tablet is used for

Methylcobalamin is the neurologically active form of vitamin B12 and is a water soluble vitamin in the body. It is the most active of all B12 homologs in the body with respect to nucleic acid, protein and lipid metabolism. It is indicated for the treatment of peripheral neuropathies.

How Neurocobal Tablet works?

It plays an important role in transmethylation where it acts as a coenzyme of methionine synthetase in the synthesis of methionine from homocysteine.

Methylcobalamin is well transported to nerve cell organelles and promotes nucleic acid and protein synthesis and promotes axonal transport and axonal regeneration.

It also promotes myelination (phospholipid synthesis) by promoting the synthesis of lecithin, a major component of the medullary sheath lipid. Methylcobalamin restores delayed synaptic transmission and diminished neurotransmitters to normal.

Before you use Neurocobal Tablet

- When you must not use it

- If you have hypersensitivity (allergic) to methylcobalamin or to cobalt or cobalamin or any vitamin B12 product or any of the other ingredients of Neurocobal Tablets.

- Before you start to use it

You must tell your doctor if:

- you have allergies to any medicine which you have used previously to treat your current condition.
- you are pregnant, trying to become pregnant or breast-feeding.

- Taking other medicines

Please tell your doctor or pharmacist if you are taking or have recently taken any of these medicines:

Concomitant use with the following medication may result in a decreased G.I. tract absorption:

- Neomycin (a type of topical/eye drop antibiotic)
- Aminosalicilic acid (a type of antibiotic used to treat tuberculosis)
- Histamine H₂-antagonists and Omeprazole (medicine to treat gastro-intestinal disease)
- Colchicine (medicine used for gout treatment)

Serum concentrations may also be reduced with oral contraceptives

Always inform your doctor and pharmacist if you are taking other medicines, including herbal tonics, supplements and medicines that you buy without prescription.

How to use Neurocobal Tablet

Always use this medicine exactly as your doctor has told you. You should check with your doctor or pharmacist if you are not sure.

- How much to use it

Adults

The usual dose is 1,500µg (3 tablets) daily divided into 3 doses.

The dosage may be adjusted depending on the patient's age and symptoms.

- When to use it

The tablets may be taken with or without food. Swallow the tablet whole with little water.

- How long to use it

Take this medicine exactly as your doctor has told you. Methylcobalamin

should be discontinued if there is no response after one month.

- If you FORGET TO USE it

- If you forget a dose, take it as soon as you remember it.
- However, if it is nearly time for the next dose, skip the missed dose.
- Do not take a double dose to make up for a forgotten dose.

- If you use too much (Overdose)

There are no records of vitamin B12 overdose in the literature.

If you think you have taken an overdose of Neurocobal Tablet, please tell your doctor who will decide what action should be taken.

While you are taking Neurocobal Tablet

- Things you must do

- Contact your doctor if your symptom worsen or they do not improve.
- If you do pregnant whilst taking Neurocobal Tablets, tell your doctor.
- You must confirm the diagnosis before taking Neurocobal Tablets.

- Things you must not do

- Do not give Neurocobal Tablet to anyone else, even if their symptoms seem similar or they have same condition as you. Your doctor has prescribed Neurocobal Tablet for you and your condition.

- Things to be careful of

Methylcobalamin should be discontinued if there is no response after one month.

Regular monitoring of the blood is advisable.

If you have folate deficiency, use of doses greater than 10mcg daily may produce a haematological response; indiscriminate use may mask the precise diagnosis.

Folate may mask vitamin B12 deficiency.

Prolonged use of larger doses of methylcobalamin is not recommended to

patient whose occupation requires handling of mercury or its compounds.
Lab interference: May interfere with precise diagnosis in patients with folate deficiency.

Side Effects

Like all medicines, Neurocobal Tablet can have side effects, although not everybody gets them.

- Dermatologic: rash.
- Gastrointestinal: anorexia, nausea / vomiting and diarrhea
- Neurologic: Headache
- Others: Anaphylactoid reaction, hot sensation, diaphoresis (excessive sweating), pain at the side of intramuscular injection.

If any of the side effects gets serious, or if you notice any side effect not listed in this leaflet, please tell your doctor or pharmacist.

You may report any side effects or adverse drug reactions directly to the National Centre for Adverse Drug Reaction Monitoring by calling Tel: 03-78835550, or visiting the website nptra.moh.gov.my (Public → Reporting Medicinal Problems / Side Effects / AEFI / Vaccine Safety)

Storage and Disposal of Neurocobal Tablet

- Storage

Do not use after the expiry date stated on the pack. The expiry date refers to the last day of that month.

Store in the original package and in a dry place. Do not store above 30°C. Protect from light.

Keep out of the reach and sight of children.

- Disposal

Medicines should not be disposed of via wastewater or household waste. Ask your pharmacist how to dispose of medicines no longer required. These measures will help to protect the environment.

Product Description

- What Neurocobal Tablet looks like

The tablets are mottling maroon, round of diameter 6mm, flat with 'MPI' marking.

They are supplied in 50 x 10's blister pack.

- Ingredients

- Active ingredient

Each Tablet contains 500mcg of Methylcobalamin

- Inactive ingredients

The other ingredients are corn starch, microcrystalline cellulose pH101, povidone K-30, croscarmellose sodium, colloidal silicone dioxide, carmosine lake and magnesium stearate.

MAL number: MAL13025053X

Manufacturer and Product Registration Holder

Malaysian Pharmaceutical Industries Sdn. Bhd.

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Date of Revision

24/01/2018