MECOBAL

(Mecobalamin)

Tablet / Injection

Presentation

Mecobal Tablet: Each film coated tablet contains Mecobalamin INN 0.5 mg.
Mecobal IM/IV Injection: Each ampoule contains 1 ml sterile solution of Mecobalamin INN 500 mcg for IM/IV injection.

Description

Mecobalamin is a kind of endogenous co-enzyme B_{12}, which plays an important role in transmethylation as a co-enzyme of methionine synthetase in the synthesis of methionine from homocysteine. It is well transported to nerve cell organells and promotes nucleic acid and protein synthesis. It promotes axonal transport and axonal regeneration, also promotes the synthesis of lecithin, the main constituent of medullary sheath. It restores delayed synaptic transmission and diminished neurotransmitters to normal.

Indications

Tablet: Mecobal Tablet is indicated for

- ❖ Peripheral neuropathy
- ❖ Alcoholic neuropathy
- ❖ Entrapment neuropathy
- ❖ Intercostal neuralgia
- ❖ Multiple sclerosis
- ❖ Parkinson's disease
- ❖ Diabetic neuropathy
- ❖ Drug induced neuropathy
- ❖ Lumbago
- ❖ Diabetic retinopathy
- ❖ Vertebral syndrome
- ❖ Alzheimar's disease
- ❖ Bell's palsy

Injection: Mecobal injection is indicated for the treatment of peripheral neuropathies and megaloblastic anemia due to vitamin B_{12} deficiency.

Dosage & Administration

Tablet: 0.5 mg tablet 3 times daily after meal. The dosage should be adjusted according to age of patient's and the severity of the symptoms.

Injection:

Peripheral Neuropathies: Adult: 1 ampoule (Mecobalamin 500 mcg) daily, administered IM or IV 3 times a week. The dose may be adjusted depending on the patient's age and symptoms.

Megaloblastic Anemia: Adult: 1 ampoule (Mecobalamin 500 mcg) daily, administered IM or IV 3 times a week. After 2 months of medication, the dose should be reduced to a single administration of 1 ampoule at 1 to 3 month intervals for maintenance therapy.

Use in Children: Not Recommended.

Contraindications

Mecobalamin is contraindicated in patients with a known hypersensitivity to this medication or any of its ingredients.

Side Effects

Loss of appetite, nausea, diarrhea or other symptoms of gastrointestinal upset may infrequently appear.

Precautions

Should not be used for more than one month in patients if no clinically therapeutic outcome is observed.

Drug Interactions

Well tolerated, no significant drug interaction reported.

Use in Pregnancy and Lactation

Not recommended during pregnancy & lactation.

Storage Conditions

Store in a cool and dry place, away from light. Keep out of the reach of children.

Commercial Pack

Mecobal Tablet: Each box contains 5 blister packs of 10 tablets.

Mecobal IM/IV Injection: Each box contains 1 blister pack of 5 ampoules of 1 ml sterile solution.

Manufactured by :
general GENERAL Pharmaceuticals Ltd.
Gazipur, Bangladesh
GENERAL Pharmaceuticals Ltd. ISO 9001:2008 Certified Company