

METHYLCOBALAMIN

Indications/Uses

Listed in Dosage.

Dosage/Direction for Use

Adult: PO Peripheral neuropathies; Megaloblastic anaemia caused by vitamin B12 deficiency 500 mcg tid. IV/IM Peripheral neuropathies 500 mcg 3 times weekly. IV/IM Megaloblastic anaemia caused by vitamin B12 deficiency 500 mcg 3 times weekly for 2 months. Maintenance therapy: 500 mcg every 1-3 months.

Administration

May be taken with or without food.

Special Precautions

Pregnancy and lactation. Monitoring Parameters Monitor serum K and vitamin B12 levels; haematocrit and reticulocyte counts.

Adverse Reactions

Gastrointestinal disorders: Nausea, vomiting, diarrhoea, abdominal pain. General disorders and administration site conditions: Hot sensation, diaphoresis, pain/induration (IM). Immune system disorder: Rarely, hypersensitivity reaction e.g. rash, dyspnoea. Metabolism and nutrition disorders: Anorexia. Nervous system disorders: Headache.

Drug Interactions

Decreased absorption with aminosalicic acid, chloramphenicol, colchicine, histamine-2 antagonists, neomycin and proton pump inhibitors (e.g. omeprazole). Decreased serum concentrations with oral contraceptives. Impaired therapeutic response with large and continuous doses of folic acid.

CIMS Class

Nootropics & Neurotonics/Neurotrophics / Vitamin B-Complex / with C

ATC Classification

B03BA05 - mecobalamin ; Belongs to the class of vitamin B12 (cyanocobalamin and analogues). Used in the treatment of anemia.