

Nuroslide 2500 Injection

Methylcobalamin (2500mcg) Injection

Composition:

Each vial/ampoule contains:

- Methylcobalamin – 2500mcg (2.5mg)

Description:

Methylcobalamin is the active, bioavailable form of Vitamin B12, which is essential for red blood cell production, proper nerve function, and DNA synthesis.

Methylcobalamin plays a vital role in neurological health, helping to repair nerve damage, improve brain function, and support the nervous system's overall health.

Indications:

This injection is primarily indicated for:

- **Vitamin B12 Deficiency:** Treatment of Vitamin B12 deficiency leading to conditions such as pernicious anemia, macrocytic anemia, or megaloblastic anemia.
- **Neuropathy and Nerve Disorders:** Methylcobalamin has neuroprotective properties, making it effective for managing diabetic neuropathy, peripheral neuropathy, and other nerve-related conditions.
- **Fatigue and Weakness:** It helps improve energy levels and alleviate chronic fatigue caused by Vitamin B12 deficiency.
- **Cognitive Disorders:** It is beneficial in improving cognitive function, particularly in older adults or

individuals suffering from Alzheimer's disease or memory impairment.

- **Pregnancy and Lactation:** In cases of B12 deficiency during pregnancy or breastfeeding, Methylcobalamin may be used under medical supervision to support maternal and fetal health.

Dosage and Administration:

- **Adults:**
 - **Initial dose:** Typically, 1 injection (2500mcg) may be given intramuscularly or subcutaneously once a week for the first few weeks, depending on the severity of the deficiency.
 - **Maintenance dose:** After the initial treatment phase, the dose may be reduced to 1 injection per month or as directed by your healthcare provider.
- **Children:** The dosage for children is determined based on individual health conditions and age, as prescribed by a healthcare provider.
- **Pregnancy and Lactation:** Methylcobalamin may be used during pregnancy or lactation to treat B12 deficiency under the guidance of a healthcare provider.

Administration:

- The injection is typically given by a healthcare professional via intramuscular (IM) or subcutaneous (SC) injection.
- Not for intravenous (IV) use unless specifically prescribed by a healthcare provider.

Precautions:

- **Kidney Function:** Use caution in patients with impaired kidney function or kidney disease, as adjustments to the dose may be necessary.
- **Overdosage:** While excess Methylcobalamin is generally excreted in the urine due to its water-soluble nature, it is important to follow the prescribed dose to avoid unnecessary risks.
- **Pregnancy and Breastfeeding:** Methylcobalamin can be used during pregnancy and breastfeeding under medical supervision to address B12 deficiency.

Side Effects:

Methylcobalamin is typically well tolerated, but some patients may experience mild side effects, including:

- **Pain or Redness at Injection Site:** Temporary discomfort or redness where the injection is administered.
- **Headache:** Some individuals may experience a mild headache after the injection.
- **Gastrointestinal Symptoms:** Nausea, diarrhea, or upset stomach can occasionally occur, though this is rare with injectable forms.
- **Dizziness or Light-headedness:** In some cases, patients may feel lightheaded or dizzy following the injection.

Serious side effects are rare, but immediate medical attention is necessary if any of the following occur:

- **Severe allergic reactions:** Difficulty breathing, swelling of the face, lips, tongue, or throat (anaphylaxis).
- **Chest pain, palpitations, or swelling:** These may indicate a serious reaction or systemic involvement.

Storage:

- Store at room temperature (15-25°C) in a cool, dry place away from direct sunlight.
- Do not freeze.
- Keep out of reach of children.
- Discard any unused portion of the vial or ampoule after administration.

Packaging:

Available in 1mL vials or ampoules containing 2500mcg of Methylcobalamin per vial/ampoule.

- Typically packaged in boxes of 1, 5, or 10 vials/ampoules, or as specified by the packaging size.

Note:

- This product should only be administered by a qualified healthcare professional.
- Follow the prescribed dosage and administration schedule to ensure maximum benefit.
- If taking other medications or having underlying health conditions, consult your healthcare provider before starting treatment.
- Regular monitoring of Vitamin B12 levels and overall health is important during treatment, especially in individuals with chronic health conditions or severe deficiency.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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