

Nuroslide G Tablet

Here is the information for Gabapentin (300mg) + Methylcobalamin (500mcg) Tablet:

disturbances associated with fibromyalgia.

Information for the Use

Gabapentin (300mg) + Methylcobalamin (500mcg) Tablet

Composition:

Each tablet contains:

- Gabapentin: 300 mg
- Methylcobalamin: 500 mcg

Indications:

This combination tablet is used for the treatment of a variety of neurological conditions, including:

- **Neuropathic Pain:** Gabapentin is effective in managing nerve-related pain, while methylcobalamin helps in nerve regeneration and healing.
- **Diabetic Neuropathy:** A common complication of diabetes that affects the nerves, causing pain, numbness, and tingling. The combination of gabapentin and methylcobalamin may help alleviate these symptoms.
- **Post-Herpetic Neuralgia:** Pain following shingles (herpes zoster) infection. Gabapentin helps reduce pain, and methylcobalamin supports nerve repair.
- **Vitamin B12 Deficiency:** Methylcobalamin is a form of vitamin B12, which is essential for maintaining healthy nerve function and can be used to treat B12 deficiency-related neuropathy.
- **Fibromyalgia:** Gabapentin can help manage pain and improve sleep

Mechanism of Action:

- **Gabapentin:** Gabapentin is an anticonvulsant that works by stabilizing electrical activity in the brain and calming nerve activity. It is believed to bind to calcium channels in the brain and spinal cord, reducing the release of excitatory neurotransmitters and alleviating nerve pain.
- **Methylcobalamin:** Methylcobalamin is the active form of vitamin B12. It plays a crucial role in nerve cell function, including the synthesis of myelin (the protective sheath around nerves). It also helps in the repair and regeneration of damaged nerves, reducing pain and promoting nerve health.

Dosage and Administration:

- **Adults:** The typical starting dose is one tablet (300 mg of gabapentin and 500 mcg of methylcobalamin) once daily, preferably taken with food. The dose may be increased gradually as directed by a doctor based on the patient's condition and response to treatment.
- **Adjustments:** For patients with kidney impairment, the dose of gabapentin may need to be reduced.
- **Duration of Treatment:** Gabapentin should be taken for as long as prescribed by your doctor. Even if symptoms improve, do not stop the medication abruptly without consulting a healthcare professional.

Contraindications:

- **Hypersensitivity:** This combination tablet should not be used by individuals who are allergic to gabapentin, methylcobalamin, or any other components of the tablet.
- **Severe Kidney Impairment:** Gabapentin should be used with caution in patients with severe kidney disease, as dose adjustments may be necessary.
- **Allergic Reactions:** Rash, itching, swelling, or difficulty breathing.
- **Mood or Behavioral Changes:** Anxiety, depression, suicidal thoughts or behavior.
- **Severe Dizziness or Fainting:** If you experience these symptoms, contact your doctor immediately.
- **Peripheral Neuropathy:** Unusual sensations such as tingling or numbness in the limbs.

Precautions:

- **Pregnancy and Breastfeeding:** Gabapentin should be used during pregnancy only if the potential benefits outweigh the risks. It is not known if methylcobalamin passes into breast milk, but it is generally considered safe during breastfeeding. Always consult a doctor before using this medication while pregnant or breastfeeding.
- **Kidney Disease:** If you have kidney problems, consult your doctor as gabapentin dosing may need to be adjusted.
- **CNS Effects:** Gabapentin can cause drowsiness, dizziness, and difficulty concentrating. Patients should be cautious when performing activities requiring alertness, such as driving or operating machinery.
- **Discontinuation:** Abrupt discontinuation of gabapentin can lead to withdrawal symptoms. If discontinuation is necessary, your doctor will provide guidance on tapering the dose.

Possible Side Effects:

Common side effects include:

- **Drowsiness**
- **Dizziness**
- **Fatigue**
- **Peripheral edema (swelling of the limbs)**
- **Nausea or vomiting**
- **Weight gain**
- **Dry mouth**

Serious side effects (rare but require medical attention):

Drug Interactions:

- **CNS Depressants:** Taking gabapentin with other central nervous system depressants (such as benzodiazepines, alcohol, or sleep aids) may enhance sedative effects and increase the risk of side effects like drowsiness and dizziness.
- **Antacids:** Antacids containing aluminum or magnesium may decrease the absorption of gabapentin. It is recommended to take gabapentin at least 2 hours before or after taking antacids.

Storage:

Store at room temperature (15°C–30°C), away from heat, moisture, and direct sunlight. Keep out of reach of children.

Note: Always consult your healthcare provider before starting or stopping any medication, particularly if you have any pre-existing health conditions or are taking other medications.

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