

# Subneuro<sup>®</sup>-B6

(L-lysine HCL, D Panthenol, Zinc & Multivitamin 200 ml Syrup)

## Composition:

### Each 5 ml syrup contains:

|                           |        |
|---------------------------|--------|
| Vit B12 (Methylcobalamin) | 2.5mcg |
| Vit B6 (Pyridoxine).....  | 1.5mg  |
| Vit B3 (Niacinamide)..... | 18mg   |
| L-Lysine HCL.....         | 200mg  |
| D Panthenol.....          | 5mg    |
| Zinc .....                | 16.5mg |
| Excipients.....           | q.s.   |

### Clinical Pharmacology:

Methylcobalamin is an active form of vitamin B12 that helps in synthesis of methionine and S-adenosylmethionine. It is required for integrity of myelin, neuronal function, proper red blood cell formation and DNA synthesis. The largest group of vitamin B12 deficiency is found in typical vegetarians all over the world, which can be alleviated with its analogue Methylcobalamin. It is a beneficial drug to most of the common disorders like cardiovascular disorders, diabetes, anemia, hyperhomocysteinemia and degenerative disorders. Methylcobalamin helps in the synthesis of neuronal lipids, regeneration of axonal nerves and has neuroprotective activity, which promote neurons to function in proper way and thus improves Alzheimer disease, Parkinsonism, Dementia and neuropathic syndromes. It is an approved treatment for peripheral neuropathy.

Vit B6 Pyridoxine is involved in a wide range of biochemical reactions, including the metabolism of amino acids and glycogen, the synthesis of nucleic acids, hemoglobin, sphingomyelin and other sphingolipids, and the synthesis of the neurotransmitters serotonin, dopamine, norepinephrine and gamma-aminobutyric acid (GABA).

Vit B3 inhibits a hormone-sensitive lipase in adipose tissue which reduces the breakdown of triglycerides to free fatty acids, and the transport of free fatty acids to the liver.

L-Lysine is a necessary building block for all proteins in the body. L-Lysine plays a major role in calcium absorption, building muscle protein, recovering from surgery or injuries and the body's production of hormones, enzymes, and antibodies.

D-panthenol acts as a precursor of coenzyme A necessary for acetylation reactions and is involved in the synthesis of acetylcholine. It enhances the effect of acetylcholine. D-panthenol acts on the gastrointestinal tract and increases lower intestinal motility.

Zinc participates in the regulation of cell proliferation in several ways; it is essential to enzyme systems that influence cell division and proliferation. Removing zinc from the extracellular milieu results in decreased activity of deoxythymidine kinase and reduced levels of adenosine tetraphosphate-adenosine. Zinc directly regulates DNA synthesis.

**Indications:**

- Memory & cognitive impairment.
- Asthenia.
- Fatigue & weakness.
- Co-prescribed in convulsions.
- ADHD.
- Poor eating Habits.
- Irritability.
- As a nutritional supplement.

**Contraindications:**

Hypersensitivity to Vitamin B3, B6, B12 or Zinc or any other ingredients.

**Precautions and Warnings:**

Before taking Subneuro B6 talk with your doctor if you are allergic to Vitamin B or any other medication. The product may contain some excessive presence of inactive ingredients which can lead to some serious allergic reactions

**Drug Interactions:**

Vitamin B does not interfere adversely with other drugs in most cases. However, such medications may increase the risk of vitamin B deficiency. Examples of drugs that can result in low levels of particular B vitamins are as follows:

B-3, B-6, and B-9 levels may be reduced by antiseizure drugs used for epilepsy.

Low levels of B-3 and B-6 can be caused by drugs that treat tuberculosis.

**Adverse effects:**

Stomach Cramp, Rashes, Itching, Dizziness, trouble in breathing, Vomiting, High blood sugar levels

**Over dosage:**

A drug overdose may be accidental. There is a risk of having an adverse effect on your body's functions if taken more than the recommended dose. A drug overdose can lead to a medical emergency.

**Route of administration:** Oral.

**Type of Dosage form:** 200ml Syrup

**Flavour:** Delicious mixed fruit

**Dosage:** 5ml-10ml per day

**Storage:**

Store in cool and dry place.

**Presentation:** Subneuro B6 Syrup is available as 200 ml suspension.

**Marketed By:**



**EPIONE PHARMACEUTICALS PVT.LTD.**

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