

Semax® - 1%

International Non-Proprietary Name (INN): none

Dosage Form: nasal drops 1% (3 ml)

Structure:

Active substance: 1 ml of 1% solution consists of 10 mg of heptapeptide.

Excipients: nipagin 1 mg (preservative).

Description: colorless transparent liquid in 3 ml dropper bottle

Pharmacological classification: nootropics

ATC code: N06BX

Pharmacological action: nootropic, antioxidant, antihypoxic, cerebroprotective.

Pharmacodynamics:

Synthetic heptapeptide is an analog of ACTH₄₋₁₀ fragment (methionyl-glutamyl-histidyl-phenylalanyl-prolyl-glycyl-proline), devoid of hormonal activity. All amino acids are L-shaped.

Semax 1% is a "First Aid" after stroke. Due to its form (nasal drops) the drug begins to act instantly, preventing the nerve cells from damage and minimizing the consequences of acute brain blood supply disruption. Semax also prevents from repeated strokes and removes post-depression depression.

Pharmacokinetics:

Semax is absorbed from the nasal mucosa. At least 60-70% of the active substance is absorbed. Semax is quickly distributed into all organs and tissues and penetrates the blood-brain barrier.

Intended uses:

Recovery period after a stroke; acute period of ischemic stroke; transient ischemic attacks; acute period of TBI (traumatic brain injury).

Contraindications:

Hypersensitivity to the components of the drug, acute psychotic states, disorders accompanied by anxiety, endocrine system diseases, pregnancy and lactation.

Dosage and administration:

Semax is applied intranasally.

As a first aid in the first minutes and hours of a stroke (pre-hospital stage) put 3 drops in each nasal passage every 20 minutes before hospital admission.

At the stage of treatment in the hospital Semax 1% is applied:

- *Moderately severe stroke:* 3 drops in each nasal passage 4 times a day for 10 days (interval between drops instillations should be 3-4 hours).

- *Severe stroke:* 3 drops in each nasal passage 6 times a day for 10 days (interval between drops instillations should be 2,5-3 hours).

Transient ischemic attacks (TIA) treatment (at the hospital stage): 3 drops in each nasal passage 3-6 times a day for 10 days.

Side effects:

Prolonged use may cause a mild irritation of the nasal mucosa.

Overdose:

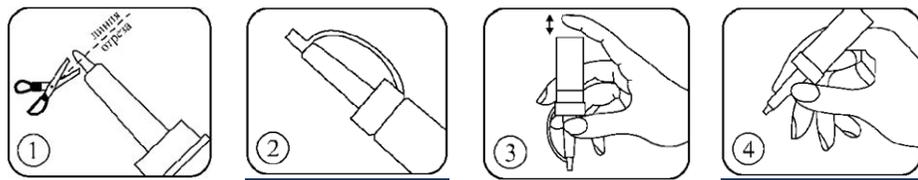
No symptoms of overdose were identified after a significant dose increase.

Interaction with other drugs:

Taking into account the method of Semax administration (intranasal), it is undesirable to use other intranasal agents with a local vasoconstrictive effect.

Due to the chemical structure of Semax, there are no chemically incompatible combinations: the drug is rapidly destroyed and does not enter the digestive tract.

Special instructions:



Pregnancy and lactation:

Contraindicated in pregnancy and lactation.

Influence on the ability to drive vehicles and operate machines: no data

Terms of release from pharmacy: on prescription

Storage conditions:

Store at room temperature not exceeding 10°C, do not freeze, protect from light. Keep in a safe place out of reach of children.

Shelf life: 2 years. Do not use beyond the expiration date printed on the package.

Country of manufacture: Russia