

Cavition®

Vinpocetine USP

Description

Vinpocetine (**Cavition®**) is a cerebro vasodilator, that is used for different forms of cerebral circulatory insufficiency.

Mode of action

Vinpocetine (**Cavition®**) increases cerebral metabolism. It increases the glucose and O₂ consumption and utilization of the cerebral tissue. Vinpocetine considerably improves cerebral microcirculation.

Pharmacokinetics

Vinpocetine (**Cavition®**) is absorbed from the small intestine, from where it is transported to the liver via the portal circulation. From the liver via the systemic circulation, it is distributed to various tissues in the body, including the brain. Absorption of vinpocetine is significantly higher when given with food and can be up to about 60% of an ingested dose. On an empty stomach, absorption of an ingested dose can be as low as 7%. Peak plasma levels are obtained 1 to 1½ hours after ingestion. Most of a dose is excreted within 24 hours as this metabolite. The elimination half-life of vinpocetine following ingestion is 1 to 2 hours.

Composition

Cavition® Tablet: Each tablet contains Vinpocetine USP 5 mg.

Cavition® 10 mg Injection: Each 2 ml ampoule contains Vinpocetine USP 10 mg.

Indications

All forms of acute and chronic cerebral circulatory insufficiency; transient ischemic attack, progressive stroke, completed stroke, post-apoplectic conditions, multi-infarct dementia, cerebral arteriosclerosis, post-traumatic hypertensive encephalopathy, for the reduction of psychic or neurological symptoms of cerebral insufficiency (e.g. memory disturbances, dizziness, headache, aphasia, etc). It can be used for the treatment of vascular disorders of the choroid and retina due to arteriosclerosis, vasospasm, macula degeneration, arterial or venous thrombosis or embolism, and glaucoma secondary to the above mentioned disorders. For the treatment of impaired hearing of vascular or toxic (iatrogenic) origin, presbycusis, tinnitus and dizziness.

Dosage & administration

Oral: 1-2 tablets upto 3 times daily. The maintenance dose is 1 tablet 3 times daily.

IV/IM Injection: Daily dose of 20-40 mg are to be given until improvement of symptoms is reached.

Side effects

Transient fall of blood pressure and tachycardia may occur.

Contraindications

Severe ischemic heart disease, severe rhythm disorders.

Use in pregnancy & lactation

The safety profile of the drug in pregnancy and lactation has not yet been established. So, this drug should not be used during pregnancy and lactation, unless there are compelling reasons to do so.

Precautions

Vinpocetine should be used with caution in patients with cardiovascular disorders.

Drug interactions

Slight changes in prothrombin time have been noted in those taking vinpocetine and warfarin simultaneously. The changes appear minimal. However, regular monitoring of INR (International Normalized Ratio) is advised in those using warfarin and vinpocetine concomitantly. There are no other known drug or nutritional supplement, herb or food interactions.

Overdosage

There are no reports of vinpocetine overdosage.

Storage

Keep out of reach of children. Store in a dry place, below 25°C temperature and protected from light.

Packaging

Cavition® Tablet: Each carton contains 10X5 tablets in blister pack.

Cavition® 10 mg Injection: Each carton contains 5X1 ampoules in blister pack.



Manufactured by
Opsonin Pharma Limited
Rupatali, Barishal, Bangladesh.
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