Intellan®

INTERNATIONAL NON-PROPRIETARY NAME (INN): Intellan

DOSAGE FORM AND STRUCTURE:

1 capsule contains: Ginkgo Biloba leaves extract 50 mg; Centella Asiatica extract 120 mg; Herpestis Monniera extract 30 mg; Coriandum Sativum extract 50 mg; Amomum Subulatum extract 50 mg; Emblica Officinalis extract 110 mg.

DESCRIPTION:

Hard gelatin capsules of gray color.

PHARMACOLOGICAL CLASSIFICATION:

Nosological classification (ICD-10): F07 Personality and behavioural disorders due to brain disease, damage and dysfunction F48.0 Neurasthenia F51.2 Nonorganic hypersomnia R45.1 Restlessness and agitation R53 Malaise and fatigue Z73.0 Burn-out Z73.3 Stress, not elsewhere classified

ATC CODE: N06DX (Other anti-dementia drugs)

<u>PHARMACOLOGICAL ACTION</u>: Phytomedication of general tonic effect

PHARMACODYNAMICS:

Intellan® is an original medicine based on plant extracts containing the following biologically active components: alkaloids, flavonoids, saponins, glycosides, amino acids, vitamins, and trace elements. The drug stimulates mental performance, activates neurotransmitter centers, improves memory, attention and reduces increased fatigue against the background of somatic diseases. Intellan® acts as a neurohumoral transmission modifier and has a stimulating effect on the metabolism of the cerebral cortex. It stimulates brain activity and memory development. Intellan® improves blood circulation in the brain, increases the nutrition supply of nerve cells and the removal of metabolic products. A mild neurostimulating effect reduces anxiety and helps to treat subacute depressive conditions.

Intellan® composition includes pharmacologically active plants: **Ginkgo Biloba** - contains flavonol glycosides and terpenlactones. It improves cerebral circulation and the supply of oxygen and glucose to the brain, has a vasodilating effect and prevents platelet aggregation. It normalizes metabolic processes, has an antihypoxic effect on tissues, and prevents lipid peroxidation and the formation of free radicals in cell membranes. The product has a pronounced anti-edema action on brain tissues and in peripheral tissues.

Centella Asiatica - contains triterpene glycosides, bacosides and flavonoids and improves capillary permeability in venous insufficiency. **Herpestis Monnieria (Bacopa Monnieri)** - contains alkaloids (brahmin, herpestin), glycosides, saponins, amino acids (aspartic, glutamic, serine, therionin, alanine, glycine, leucine). It has a stimulating, anticonvulsant effect.

Coriandum Sativum - contains essential oil, borneol, thymol, camphene, betapinene, citronellol, nerol. It is used as a means of correcting taste and smell.

Amomum Subulatum - contains essential oils (a-terpineol, myrcin, limonin, sabinin, b-felladrin, borneol). It has a stimulating and anticonvulsant effect.

Emblica Officinalis - contains a large amount of vitamin C, vitamins B1, B2, trace elements, calcium, phosphorus, iron, pectin. It lowers blood cholesterol with the help of pectin. The high content of biologically active, natural, easily digestible vitamin C determines its antioxidant effect. It stimulates erythropoiesis and protein biosynthesis, and promotes proper reproduction of tissues of mesenchymal origin - bone dentin and collagen.

INTENDED USES:

- Decreased memory and forgetfulness;
- Astheno-neurotic symptoms in somatic diseases;
- Deterioration of mental activity;
- Functional insufficiency of brain activity;
- Subacute depressive states and increased anxiety.

Prior to use, it is recommended to consult the doctor. CONTRAINDICATIONS:

Mental and somatic diseases in the acute stage, severe pathologies of the cardiovascular system, increased individual sensitivity to any component of the drug, sucrose / isomaltase deficiency, fructose intolerance, glucose-galactose malabsorption, pregnancy, breastfeeding, age under 18 y.o.

DOSAGE AND ADMINISTRATION:

Inside, one capsule 2 times a day after meals, in the morning and in the evening. Duration of treatment is 4 weeks. Upon the doctor's recommendations and to secure the therapeutic effect the course can be

repeated after a week's break.

An evening intake of the drug should be carried out at least three hours before bedtime.

PRECAUTION:

Sleep disturbance is possible if you take the drug right before going to sleep.

SIDE EFFECTS:

In case of increased individual sensitivity allergic reactions may occur. **OVERDOSE:**

Cases of overdose are not recorded. In cases of a single use of a large amount of the drug, request medical assistance.

INTERACTION WITH OTHER DRUGS:

Not described. When taking any medication with Intellan®, you need to consult your doctor.

PREGNANCY AND LACTATION:

The drug is contraindicated during pregnancy and breastfeeding, since there are no clinical data on the use of the drug in this period.

INFLUENCE ON THE ABILITY TO DRIVE VEHICLES AND OPERATE MECHANISMS:

The drug does not affect the performance of potentially hazardous activities that require special attention and quick reactions (driving a car and other vehicles, working with moving mechanisms, the work of a dispatcher and an operator, etc.).

STORAGE CONDITIONS:

Store in a dry place, at a temperature not exceeding 25 $^{\circ}$ C (77 $^{\circ}$ F). Keep out of the reach of children.

SHELF LIFE: 2 years.

MANUFACTURER: Herbion, Pakistan. www.herbion.us /

www.pk.herbion.com