

Hypophar[®] Capsules 250 mg

«Hypophar» herbal capsules have been formulated and produced by the pharmaceutical «Know.Tech.Pharm.» Co., out of the effective ingredients of «olive» leaves with scientific name of «*Olea europaea*» and the general name of «olive» for decreasing blood pressure in patients suffering high blood pressure.

In compliance with prestigious medical sources, the effects of blood pressure decreasing properties of olive leaves have been proved. For this reason in manufacturing «Hypophar» capsules, the effective ingredients of olive leaves have been used.

Main components:

There various effective ingredients in olive leaves, the most important of which is Oleoropine (6-9) %.

Indications:

For decreasing high blood pressure and as diuretic

Administration & Dosage:

- 3-4 capsules per day
- The maximal daily usage is 5 capsules.
- It is recommended to take the capsule during the meals.

Side effects:

- No side effect has been reported for this drug.
- The persons allergic to the plants of olive species, some allergy signs may appear, in such a case, the usage of the drug should be stopped.

Contraindications:

- The usage of this drug by the individuals suffering the gallbladder tract stones, because of the increasing of gallbladder secretion and causing gallbladder colic, it's better that such persons do not use it.
- Since «Hypophar» is a diuretic, in people with a fluid limitation (Patients suffering grave heart or kidney disease) are not allowed to use this drug.
- The usage of this drug for the individuals under 18 years old is not recommended.

The usage in pregnancy and breast-feeding:

Whereas the required studies haven't been carried out in regard to this drug, it is wiser not to use it during pregnancy and breast-feeding.

Packaging:

The capsules of 250mg presented in 6 blisters of 10 each, in small box of 60 each, including a leaflet.

Storage conditions:

- Keep the drug in a dry and cool place. Proper storage temperature is 4-25 °C.
- Keep the drug away from reach of children.

The name of «Hypophar» capsule has been taken from «Hypo» referring to «blood Hypotention» and «Phar» referring to the medicine product and is part of the name of « Know.Tech. Pharm. Co. »

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Specialized info:

There are various effective ingredients in olive leaves, which the most important ones are as follows:

*Iridoide Terpenes that the most important of which is Oleoropine (6-9%)

*Terpenes such as luteolin

*Chalcones such as olivin

The most important effective ingredient of olive in decreasing the high blood pressure is Oleoropine, with a ratio in olive leaves much more than in other parts. Oleoropine suppresses the

L-type calcium channel directly and indirectly and reversibly and ACE inhibitor, causes the arteries enlarge and consequently results in the decrease of systole and diastole blood pressure.

The effective ingredients of olive leaves have got an anti- arrhythmia effect particularly in patients having arrhythmia heart and it also results in the increase of coronary arteries flow. The animal studies have indicated that the Terpene and Phenol compounds in the plant would decrease the high blood pressure and its antiarrhythmic factor.

In humane studies, the usage of capsules containing the effective ingredients of olive leaves has revealed remarkable effects in decreasing the blood pressure. It has also shown that the olive leaves' effect in decreasing blood pressure is equal to Captopril, in allowed daily dosage. On the other part the olive leaves result in decreasing cholesterol, TG and LDL therefore it would also prevent the progress of atherosclerosis.

The flavonoids in olive leaves with their antioxidant effect , also decrease remarkably tissue damages caused by free radicals. According to the fulfilled studies the antioxidant properties of olive leaves has been reported two times more than «Milk thistle» plant and «Green tea», it should be noted that the antioxidant power of Oleoropine is more than C & E vitamins. These flavonoids also have got their anti-inflammatory effects. The studies have revealed that the Luteolin and Oleanolic acid existing in olive leaves may decrease postprandial glucose in diabetic patients.

The therapeutic effect of olive leaves in heart and artery patients are because of their vasodilatory, platelet aggregation-inhibitory activity, anti-inflammatory and antioxidant. In compliance with the studies achieved, the therapeutic effects of olive leaves in diabetic patients are exercised through the following mechanisms:

-The increase peripheral glucose uptake

-The increase of insulin level

That together would decrease the blood glucose level.

Therefore, we could expect several healing effects of the manufactured drug made of the effective ingredients of olive leaves, the most important of which are:

Decrease in blood pressure, decrease of blood sugar and the antioxidant effects

In different scientific sources, the other therapeutic effects such as inhance the immunity system, and anti-bacterial factors have been referred to.

Interactions:

Due to the hypotensive and anti-platelet aggregation properties of olive leaf extract, concomitant use with blood-pressure lowering medications and blood thinners may have a potentiating effect, the consultation with the physician or the pharmacist is mandatory.

For any more info, you might refer to the site of our company: www.ktp.co.ir or send your email to: info@ktp.co.ir or call us at 88390745.

References:

1-PDR 2010

2-Alternative Medicine Review Volume 14, Number 1, 2009

3-Journal of Ethnopharmacology 120(2008) 233-240

4- Phytomedicine 18(2011) -251-258

5-Martindale 35

6-Iranian Herbal Pharmacope

The components of the product: Effective materials of Olive leaf, avicel , magnesium stearate and sodium benzoate

Know.Tech.Pharm is a knowledge base company, specialized in formulation and production of herbal medicine, located in Tehran University Science and Technology Park.