

Migraphar[®] Capsule 240mg

«Migraphar» capsule is an herbal one made from the effective ingredients of the plant with scientific name of «[Tanacetum parthenium](#)» and the general name of «[Feverfew](#)». Since remote times this plant has been used in treatment of some diseases, and there are various articles in regard to the usage of this plant for relieving migraine pains.

In «Migraphar» capsule, in addition to the usage of effective ingredients of the Tanacetum plant, also the effective ingredients of «[German chamomile](#)» with the scientific name of «[Matricaria recutita](#)», have been used that with its relieving and anti-anxiety effects would assist the effect of this capsule.

The most important effective ingredients of Tanacetum are:

- Volatile oils (0.75% of the effective ingredient of the plant) such as L- Campher and Transchrysanthyl acetate
- Sesquiterpene lactones particularly parthenolide
- Flavonoids such as Apigenin

Indications:

For prevention migraine headaches, acute migraine attacks, treatment of all types of headaches such as cluster and tension, headaches before and during menstruation periods

- This drug results in decreasing of nausea, vomiting and relieving the heaviness and recurrence of migraine headaches.

Administration & Dosage:

For prevention:

Adults: 2-4 times per day 1 capsule each time

Children: 1-2 capsules per day

To stop migraine attacks:

Adults 1 capsule every 6 hours and Children up to 2 capsules per day

- After relieve headaches and dosage in accordance to prevention, treatment continues.

- It is better to take this medicine swallowed completely with the meal or after it with enough water.

Duration of use:

For prevention, the usage should continue up to 4 months then, consult with your physician or pharmacist for the keeping dosage. (The minimal dosage which prevents the recurrence of headaches), is up to 2 following months.

Discontinue Usage:

- The sudden stop of the drug may cause the recurrence of headaches, insomnia, provoking and... therefore, it is wiser to consult with your physician or pharmacist and stop it gradually by decreasing the dosage.

Side effects:

It may happen some mild and self-limited side effects may appear in some individuals who have: digestive disorders such as abdominal pains, diarrhea, constipation, flatulence, increase in heart rate and dizziness.

In individuals sensitive to Tanacetum plant it is probable that some allergic skin reactions.

- Inflammation in the mouth, throat and swelling of lips and wounds in mouth also some reaction may be caused by the direct touch of this plant and in the case of such problems the usage should promptly be stopped. By using it in form the capsule this disorder may not appear.

Contraindications:

-The persons who have a recognized allergy to the plants of Asteraceae species and specifically to «Tanacetum parthenium» plant

-The children under 2 years old

-People with difficulty swallowing capsules

The use in pregnancy and breast-feeding:

The usage of this drug is not allowed during pregnancy and breast-feeding.

Packaging:

The capsules of 240mg presented in 6 blisters of 10 each, in small box of 60 each, including a leaflet.

Remarkable points:

1- Take the capsule absolutely with 1 glass of water.

2- Don't stop the usage suddenly; drug withdrawal should be according to the advice of the physician or pharmacist.

4- The old persons, the sensitive individuals and patients with liver and kidney disorders, and the persons with K vitamin deficiency, should use this drug with care.

5- Keep the drug in a dry and cool place. Proper storage temperature is 4-25 °C.

6- Keep the drug away from reach of children.

The name of «Migraphar» capsule has been taken from «Migraine» disease and «Phar» referring to the medicine product and is part of the name of « Know. Tech. Phar. Co. ».

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Specialized info:

With reference to the prestigious scientific sources, the Tanacetum plant since remote times has been used and appreciated. Several documentations are available particularly in regard to the treatment of migraine headaches and migraine prophylaxis and the decrease of nausea and vomiting caused by migraine headaches. According to documentation by WHO monograph, the ingredients of Tanacetum plant are effective in prevention and treatment of migraine, and this is one of the peculiar specifications of this plant.

Several mechanisms have been proved for prevention and treatment the migraine attacks that we may point out as follows:

1-Inhibition synthesis of prostaglandin:

The anti-pain and anti-inflammation effects of this drug are because of the existence of parthenolide and some other effective ingredients in Tanacetum plant such as transchrysanthyl acetate. One of the mechanisms in Tanacetum that acts as anti-pain and anti-inflammation is inhibition of phospholipases of the cellule by parthenolide, prevention that arachidonic acid gets free. As arachidonic acid is the mediators of inflammatory thru its inhibition, the anti-inflammatory signs would be observed. According to the research, it has been indicated that parthenolide and transchrysanthyl acetate cause to get under inhibit the prostaglandin synthesis that consequently would decrease the synthesis of prostaglandins and thromboxanes therefore, the relevant inflammatory mediators wouldn't be made and the anti-inflammatory effect is applied.

2-Blockage of platelet granule secretion:

As serotonin has got an important feature in pathogenesis of migraine headaches, and whereas the aggregation and adhesiveness of the platelets in the patients suffering migraine is more than normal people, meanwhile, freeing of serotonin from platelets because of some factors such as adrenalin gets graver, for this reason one of the other confirmed mechanisms in regard to the anti-migraine quality of Tanacetum effective ingredients is the secretion inhibition of granule platelets and polymorphonuclear leukocytes. The effective ingredients of Tancetum is the cause of inhibit the aggregation of platelets and to inhibit the secretion of serotonin (5-HT) by the platelets. Consequently it prevents the migraine headaches.

3-Decreasing the spasms of smooth muscles of arteries:

Tanacetum by blocking of potassium channel would also inhibit the spasms of smooth muscles of arteries and hence, it is effective in inhibit migraine headaches.

4-Blending the German chamomile's component in this capsule, and its important effective ingredient namely: Apigenin that acts as a ligand for the benzodiazepine receptors (Having a synergic effect with Apigenin contained in Tanacetum), would result in anti-anxiety and relieving quality in this drug.

The other effective ingredients of Tanacetum have also been considered and they are as follows:

Treatment of arthritis rheumatoid, fever, stomach-aches, menstruation disorders, muscles spasm

Interactions:

-Due to anti-coagulation effects of this drug, it should be taken with care and under physician's view, whenever taken with the medicines such as Warfarin, Aspirin, Dipyridamole and Heparin.

-This drug also must not be taken 2 weeks before any surgery operation.

-Don't use this drug simultaneously with NSAIDs, because of the probable increase of side effects.

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-Martindale 35

3-WHO Monograph

4-Pharmacognosy Review 2011 Jan-Jun; 5(9):103-110

5-Iranian Herbal Pharmacope

The components of the product: Effective materials of Tanacetum, Effective materials of German chamomile, 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.