

# Miganil

## Flunarizine BP

### Presentation

**Miganil 5 Tablet** : Each tablet contains Flunarizine BP 5 mg as Flunarizine dihydrochloride.

**Miganil 10 Tablet** : Each tablet contains Flunarizine BP 10 mg as Flunarizine dihydrochloride.

### Description

Miganil is a selective calcium antagonist. It is the difluorinated derivative of cinnarizine. Flunarizine prevents cellular calcium influxes and does not interfere with normal cellular calcium homeostasis. It is well absorbed from the gut reaching peak plasma levels within 2-4 hours. After extensive hepatic metabolism, Flunarizine and its metabolite are excreted through the faeces via the bile. Plasma protein binding is 99%.

### Indication

It is indicated for

- Prophylaxis of classic (with aura) or common (without aura) migraine
- Symptomatic treatment of vestibular vertigo (due to a diagnosed functional disorder of the vestibular system).
- Peripheral vascular disease (PVD)
- Motion sickness
- Refractory epilepsy resistant to conventional antiepileptic therapy

### Dosage and administration

#### **Migraine Prophylaxis:**

**Starting Dose:** 10 mg at night in patients less than 65 years of age and 5 mg daily in patients older than 65 years. If depressive, extra-pyramidal or other unacceptable symptoms occur during this treatment or after 2 months of this initial treatment, no significant improvement is observed, the patient should be considered a non responder and administration should be discontinued

**Maintenance Treatment:** If patient is responding satisfactorily and a maintenance treatment is needed, the same daily dose should be used, but this time interrupted by two successive drug-free days every week. Even if the prophylactic maintenance treatment is successful and well tolerated, it should be interrupted after 6 months and it should be re-initiated only if the patient relapses.

**Peripheral Vascular disease:** 10 mg twice daily, up to 30 mg per day if required.

**Vertigo & motion sickness:** 10-20 mg daily for adults and 5 mg daily for children (> 40 kg).

**Epileptic seizure:** 15-20 mg daily for adults and 5-10 mg daily for children as an add-on therapy.

### Contraindication

Flunarizine is contraindicated in patients with a history of hypersensitivity, depressive illness or with pre-existing symptoms of parkinson's disease or other extrapyramidal disorders.

### Precaution

Patient with liver disease, movement disorders, parkinson's disease, a history of depression, any allergies or who are operating machinery or engaging in activities requiring alertness should use Flunarizine with caution. Avoid the use of alcohol while taking this medication since excessive drowsiness can occur. This medication should be used only if clearly needed during pregnancy or while breast-feeding.

### Use in pregnancy & lactation

There are no data from the use of Flunarizine in pregnant women. As a precautionary measure, it is preferable to avoid the use of Flunarizine during pregnancy. It is unknown whether Flunarizine is excreted in human milk but breast-feeding should be discouraged in women taking Flunarizine.

### Drug interaction

Galactorrhoea has been reported in some female patients on oral contraceptives within the first two months of Flunarizine treatment. Hepatic enzyme inducers such as Carbamazepine and Phenytoin may interact with Flunarizine by increasing its metabolism. So an increase in dosage of Flunarizine may be required. Excessive sedation can occur when alcohol, hypnotics or tranquilizers are taken with Flunarizine.

### Side effect

The common adverse effects are weight gain, somnolence, depression, increased appetite, myalgia and rhinitis. Infrequently reported adverse reaction are heartburn, nausea, gastralgia, insomnia, anxiety, palpitations, galactorrhoea, dry mouth, muscle ache and skin rash.

### Storage

Store in a cool and dry place, protected from light. Keep out of reach of the children.

### Commercial Packing

**Miganil 5 Tablet** : Each box contains 5x10 tablets in blister strips.

**Miganil 10 Tablet** : Each box contains 3x10 tablets in blister strips.

Manufactured by:



**Globe Pharmaceuticals Ltd.**

Noakhali, Bangladesh