



## FUNGIMID ( FLUCONAZOLE )

### Properties:

Fluconazole is a triazole synthetic broad-spectrum antifungal drug. It is a selective inhibitor of fungal cytochrome P-450 dependent enzymes resulting in blocking ergosterol synthesis. Fluconazole is effective orally and by the intravenous route. Bioavailability of oral dosage is equivalent to 90% of I.V administration. The drug is rapidly absorbed after an oral dose and peak plasma levels are reached within 1-2 hours.

Plasma elimination half life is approx. 30 hours. CSF plasma levels is about 80% of the corresponding plasma concentration.

Elimination is by renal excretion. Most of the dose is excreted unchanged.

### Indications:

Fungimid is active against *Aspergillus* spp., *Candida* spp., *Blastomyces dermatitis*, *Coccidioides immitis*, *Histoplasma capsulatum* and *Cryptococcus neoformans*. It is indicated for the treatment of oropharyngeal, oesophageal, vaginal, systemic candidiasis. It is also indicated in the treatment of Cryptococcal meningitis and other Cryptococcal infections.

### Side effects:

Fungimid is generally well tolerated. Side effects include nausea, abdominal pain, flatulence, diarrhoea, elevated liver function values, headache, skin rash.

### Contraindications:

Fluconazole is contraindicated in patients hypersensitive to the drug. The drug should not be prescribed to pregnant and breast feeding women and to children under 1 year of age.

### Precautions:

Fluconazole shall be given with care to patients with renal impairment (creatinine clearance  $< 50$  ml/min) especially when administered for extended periods where dose adjustment becomes necessary.

### Drug interactions:

- Concomitant administration of fluconazole will increase the serum concentration of the following medications: Sulphonylurea antidiabetics, phenytoin, cyclosporin, and oral anticoagulants.
- The serum level of fluconazole decreases when concomitantly administered with rifampicin.
- The serum level of fluconazole increases when administered with hydrochlorothiazide.

### Dosage and Administration:

- Vaginal candidiasis: a single dose of 150 mg capsule.
- Oropharyngeal candidiasis: 50 mg daily for 7 to 14 days according to severity of infection.
- Systemic candidiasis: Initial dose 400 mg followed by 200 mg daily for 28 days depending on clinical response.
- Cryptococcal infections (including Cryptococcal meningitis): Initial dose 400mg followed by 200-400 mg daily. Duration of treatment may depend on clinical and mycological response.

### Presentation:

Fungimid - 50 capsule : Pack of 7 capsules. Each capsule contains 50 mg fluconazole.

Fungimid - 150 capsule: Pack of 1 capsule. Each capsule contains 150 mg fluconazole.

#### This is a medicament

- Medicament is a product which affects your health, and its consumption contrary to instructions is dangerous for you.
- Follow strictly the doctor's prescription, method of use and the instructions of pharmacist who sold the medicament.
- The doctor and the pharmacist are experts in medicine, its benefits and risks.
- Do not by yourself interrupt the period of treatment prescribed for you.
- Do not repeat the same prescription without consulting your doctor.