

# Defungj

Fluconazole  
50 mg & 150 mg Capsule

**Defungj** (Fluconazole) is a triazole antifungal agent. It is a potent inhibitor of fungal cytochrome P-450 dependent enzymes. Cytochrome P-450 enzyme system is essential component of fungal cell membrane which is responsible for the synthesis of ergosterol.

## COMPOSITION

**Defungj 50 Capsule** : Each capsule contains Fluconazole USP 50 mg.

**Defungj 150 Capsule** : Each capsule contains Fluconazole USP 150 mg.

## INDICATION

It is indicated for the treatment of vaginal candidiasis, oropharyngeal & esophageal candidiasis and cryptococcal meningitis. It is also effective for the treatment of urinary tract infection caused by candida, peritonitis and systemic candida infections (including candidemia, disseminated candidiasis and pneumonia).

## DOSAGE AND ADMINISTRATION

*Adult:*

*Vaginal candidiasis:* 150 mg as a single dose.

*Oropharyngeal candidiasis:* 200 mg on the first day, followed by 100 mg once daily. Clinical evidence of this infection generally resolves within several days, but treatment should be continued for at least 2 weeks to decrease the likelihood of relapse.

*Esophageal candidiasis:* 200 mg on the first day, followed by 100 mg once daily. Doses up to 400 mg/day may be used. Patients should be treated for a minimum of three weeks and for at least two weeks following resolution of symptoms.

*Systemic candida infections:* Optimal therapeutic dosage and duration of therapy have not been established. Sometimes, doses of up to 400 mg daily have been used.

*Urinary tract infections caused by candida and peritonitis:* 50-200 mg daily have been used.

*Cryptococcal meningitis:* 400 mg on the first day, followed by 200 mg once daily.

*Prophylaxis in patients undergoing bone marrow transplantation:* 400 mg once daily.

*Child:*

Doses of 3-6 mg/kg daily have been used. Doses up to 12 mg/kg is recommended.

## SIDE EFFECT

Fluconazole is well tolerated. Most common side effects of using Fluconazole includes nausea, vomiting, abdominal pain, diarrhoea, headache and skin rash.

## PRECAUTION

Fluconazole should be administered with caution to patients having proarrhythmic conditions.

## CONTRAINDICATION

Fluconazole should not be used in patients with known hypersensitivity to Fluconazole or to related triazole compounds.

## DRUG INTERACTION

Concomitant use of cyclosporin or phenytoin with Fluconazole increases the plasma level of cyclosporin or phenytoin. Concomitant use of Fluconazole & warfarin prolongs the prothrombin time. Rifampicin level is decreased when used with Fluconazole.

## USE IN PREGANACY & LACTATION

US FDA Pregnancy category of Fluconazole is C. So, Fluconazole should be avoided in pregnancy and lactation unless the potential benefits to the other outweigh the possible risks to the fetus.

## STORAGE CONDITION

Keep in a dry place away from light and heat. Keep out of the reach of children.

## HOW SUPPLIED

**Defungj 50 Capsule:** Each box contains 30's capsules in Alu-Alu blister pack.

**Defungj 150 Capsule:** Each box contains 10's capsules in Alu-Alu blister pack.