

# Orgafllu™

## Flucloxacillin

### COMPOSITION:

**Orgafllu™ 250 Capsule:** Each capsule contains Flucloxacillin Sodium BP equivalent to Flucloxacillin 250 mg.

**Orgafllu™ 500 Capsule:** Each capsule contains Flucloxacillin Sodium BP equivalent to Flucloxacillin 500 mg.

### PARMACOLOGY:

Flucloxacillin Sodium is a semi-synthetic penicillin antibiotic with bactericidal activity that is effective against bacteria like Streptococci, Staphylococci including beta-lactamase producing strains, Clostridium and Neisseria. Flucloxacillin kills bacteria by interfering in the synthesis of the bacterial cell wall. Flucloxacillin binds to penicillin-binding proteins (PBPs) on the bacterial cell wall resulting in inhibition of transpeptidase and thus cell wall become weak, swells and rupture.

### INDICATIONS:

**Orgafllu™** (Flucloxacillin) capsule is indicated for the treatment of the following infections caused by the susceptible micro-organisms:

#### **Typical Indications Include:**

**Skin and soft tissue infections:** Boils, abscesses, carbuncles, furunculosis infected skin conditions e.g. ulcer, eczema, acne, infected wounds, infected burns, protection for skin grafts, otitis media and external impetigo.

**Respiratory tract infections:** Pneumonia, lung abscess, sinusitis pharyngitis, tonsillitis and quinsy.

**Other infections caused by Flucloxacillin sensitive organisms:** Osteomyelitis, enteritis, endocarditis, urinary tract infection, meningitis and septicaemia. It is also indicated for use as prophylactic agent during major surgical procedures e.g. cardiothoracic and orthopaedic surgery.

### DOSAGE AND ADMINISTRATION:

**Route of administration:** **Orgafllu™** capsule should be administered orally according to dosage guidelines.

**Adult (including elderly patients):** Usually 250 mg to 500 mg four times daily.

In case of severe infections: **Orgafllu™** capsule should be taken up to 8 mg daily in three to four divided doses.

**Children:** Under 2 years of age: May be given ¼ (one-quarter) to the adult dose. Age between 2 to 10 years: Half of the adult dose.

**Orgafllu™** Tablet should be taken half to one hour before meals.

### CONTRAINDICATIONS:

Hypersensitivity to Penicillin.

### WARNINGS & PRECAUTIONS:

Flucloxacillin should be prescribed with caution in individuals with a history of allergy. Special precaution is essential in the newborn because of the risk of hyperbilirubinemia. Dosage should be adjusted in renal impairment. Caution is essential when Flucloxacillin is administered with paracetamol due to the increase risk of acidosis.

### SIDE EFFECTS:

The drug is generally well tolerated.

**Common side effects:** The most frequent side effects observed are gastrointestinal effects such as upset stomach.

**Rare side effects:** Skin rash, inflammation of kidney, neutropenia, thrombocytopenia, arthralgia, myalgia etc.

### USE IN PREGNANCY AND LACTATION:

**Use in pregnancy:** The use of Flucloxacillin in pregnancy should be reserved for cases considered essential by the physician.

**During lactation:** Trace quantities of penicillin can be detected in breast milk.

### DRUG INTERACTIONS:

The administration of probenecid with Flucloxacillin results in higher serum peak concentration and prolongs the time that therapeutic concentrations of flucloxacillin are achieved in serum. Physical incompatibility or loss of activity of Flucloxacillin in solution has been reported when given with gentamycin sulphate, streptomycin sulphate and vitamin mixture. Flucloxacillin should not be added to intravenous lipid emulsions and protein hydrolysates or other proteinaceous fluids.

### OVERDOSE:

Significant Flucloxacillin over dosage may be characterized by lethargy, drowsiness, epigastric pain, abdominal discomfort, heartburn, indigestion, nausea, transient alteration in liver function, hypoprothrombinemia, renal dysfunction, metabolic acidosis, apnea, vomiting etc.

### STORAGE:

Protect from light exposure. Store in cool & dry place at a temperature not exceeding 30°C. Keep out of the reach of children.

### PACKING:

**Orgafllu™ 250 Capsule:** Each box contains 60 capsules in Alu-Alu blister strip.

**Orgafllu™ 500 Capsule:** Each box contains 40 capsules in Alu-Alu blister strip.

Manufactured by:

Apex Pharma Ltd. for

**Organic Health Care Ltd.**

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