

# Murein

## Flucloxacillin Capsule

### Composition

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

### Pharmacology

Flucloxacillin is an isoxazole penicillin of the  $\beta$ -lactam group of antibiotics which exerts a bactericidal effect upon many Gram-positive organisms including  $\beta$ -lactamase-producing *staphylococci* and *streptococci*. It is not active against methicillin-resistant *staphylococci*.

### Indication

Flucloxacillin is indicated for the treatment of infections due to Gram - positive organisms. Skin and soft tissue infections: boils, abscesses, carbuncles, furunculosis, cellulitis; infected skin conditions, e.g. ulcer, eczema and acne; infected wounds, infected burns, protection for skin grafts, impetigo. Respiratory tract infections: pneumonia, lung abscess, empyema, sinusitis, pharyngitis, tonsillitis, quinsy, otitis media and externa. Other infection caused by Flucloxacillin - sensitive organisms: osteomyelitis, enteritis, endocarditis, urinary tract infection, meningitis, septicemia. Flucloxacillin is also indicated for use as a prophylactic agent during major surgical procedures where appropriate; for example, cardiothoracic and orthopedic surgery.

### Dosage & Administration

a) *Route of administration:* Oral

Oral doses should be administered half to one hour before meals.

- Usual adult dosage (including elderly patients): 250 mg four times daily.
- In severe infections: dosage should be doubled.
- In osteomyelitis and endocarditis: up to 8 gm daily, in divided doses 6 to 8 hourly.
- In case of secondary bacterial infection in chicken pox: Flucloxacillin 500 mg 6 hourly should be prescribed.
- Usual children dosage: 2-10 years: half of the adult dosage.
- Under 2 years: quarter of the adult dose.

### Contra-indication

Flucloxacillin should not be given to penicillin or cephalosporine hypersensitive patients.

### Warning and Precaution

History of allergy, renal impairment, false-positive urinary glucose.

### Side effects

- a) Common: Side effects as with other penicillins, are uncommon and mainly of a mild and transitory nature.
- b) Rare: Gastro-intestinal upsets (e.g., nausea, diarrhea) and skin rashes have been reported. If a skin rash occurs, treatment should be discontinued.

### Use in Pregnancy & Lactation

The use of Flucloxacillin in pregnancy should be reserved for cases considered essential by the clinician. Use of the drug in the second and third trimesters may result in the sensitization of the fetus. During lactation, trace quantities of penicillin's can be detected in breast milk.

### Use in Children & Adolescents

Please see the dosage and administration.

### Drug interaction

- a) With medicine: The administration of probenecid with Flucloxacillin results in higher serum peak concentrations and prolongs the time that therapeutic concentrations of Flucloxacillin are achieved in serum. Physical incompatibility and/or loss of activity of Flucloxacillin in solution have been reported when given with gentamicin sulphate, streptomycin sulphate and vitamin mixtures.
- b) With food & other: Flucloxacillin is best taken on an empty stomach, one hour before eating food. This is because your body may absorb less flucloxacillin after a meal, making it less effective.

### Overdose

You may need urgent medical attention. Symptoms of an overdose may include nausea, vomiting and diarrhea.

Important: Flucloxacillin can cause severe liver damage, which can make the skin and whites portion of the eyes turn yellow in color.

### Storage

Store below 30°C. Protect from light. Keep all medicines out of reach of children.

### Packing

**Murein 500 Capsule:** Each box contains 28 (7x4's) capsules in blister pack.

Manufactured by  
**Apex Pharma Ltd.**  
Shafipur, Kaliakair, Gazipur, Bangladesh

for

**ONE PHARMA LTD.**  
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Bogura, Bangladesh

