

# Flumed

## Flucloxacillin

### COMPOSITION:

**Flumed 250 Capsule:** Each capsule contains Flucloxacillin Sodium USP equivalent to Flucloxacillin 250 mg.

**Flumed 500 Capsule:** Each capsule contains Flucloxacillin Sodium USP equivalent to Flucloxacillin 500 mg.

**Flumed Dry Syrup:** Each 5 ml syrup contains Flucloxacillin Sodium BP equivalent to Flucloxacillin 125 mg.

### PHARMACOLOGY:

Flucloxacillin is a narrow-spectrum antibiotic with considerable activity against the following common Gram-positive organisms:

Penicillinase producing *Staphylococcus aureus*

Penicillinase sensitive *Staphylococcus aureus*

$\beta$ -haemolytic streptococci (*Streptococcus pyogenes*)

*Streptococcus pneumoniae*

It has little activity against Gram-negative bacilli. However, the Gram-negative organisms *Neisseria gonorrhoeae* and *Neisseria meningitidis* come within the range of activity. Flucloxacillin kills bacteria by inhibiting the formation of cell wall of bacteria.

### INDICATION:

*Skin and Soft Tissue Infections:* Boils, abscesses, carbuncles, furunculosis, infected wounds, infected burns, protection of skin grafts, otitis media and externa, impetigo.

*Infected Skin Conditions:* Ulcer, eczema and acne.

*Respiratory Tract Infections:* Pneumonia, lung abscess, empyema, sinusitis, pharyngitis, tonsillitis, quinsy.

Other infections caused by Flucloxacillin-sensitive organisms such as osteomyelitis, enteritis, endocarditis, urinary tract infection, meningitis, septicaemia.

Flucloxacillin is also indicated for use as a prophylactic agent during major surgical procedures where appropriate, for example, cardiothoracic and orthopaedic surgery.

### DOSAGE AND ADMINISTRATION:

*Oral administration:*

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 six hourly should be prescribed.

Usual children dosage: 2-10 years: half of the adult dose. Under 2 years : quarter of the adult dose.

### CONTRAINDICATION:

Flucloxacillin should not be given to penicillin-hypersensitive patients.

### SIDE EFFECTS:

There have been some common side effects of GIT such as nausea, vomiting, diarrhoea, dyspepsia and other minor gastrointestinal disturbances. Besides these rashes, urticaria, purpura, fever, interstitial nephritis, hepatitis and cholestatic jaundice have been reported.

**USE IN PREGNANCY AND LACTATION:**

*Use in pregnancy:* Penicillins are generally considered safe for use in pregnancy. Animal studies with Flucloxacillin have shown no teratogenic effects.

*Use in lactation:* Flucloxacillin is excreted in breast milk in trace amounts. Flucloxacillin may be administered during the period of lactation

**DRUG INTERACTION:**

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 has been reported when given with gentamycin sulphate, streptomycin sulphate, vitamin mixtures. Flucloxacillin should not be added to intravenous lipids, blood products and protein hydrolysates or other proteinaceous fluids.

**OVERDOSAGE:**

Although overdose problems are unlikely to occur with penicillins, and should be treated symptomatically.

**PHARMACEUTICAL PRECAUTION:**

It should be stored in a cool and dry place, protected from light and moisture.

**HOW SUPPLIED:**

**Flumed 250 Capsule:** Each capsule contains 250 mg capsules in Alu-Alu blister pack.

**Flumed 500 Capsule:** Each capsule contains 500 mg capsules in Alu-Alu blister pack.

**Flumed Dry Syrup:** Each amber glass bottle contains dry ingredients to make 100 ml syrup with a measuring spoon.

**Manufactured by:**

MEDICON Pharmaceuticals Ltd.  
Mirpur, Dhaka, Bangladesh