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# Flukin

Flucloxacillin

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250 & 500 mg Capsule  
Powder for Suspension

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## Description

Flucloxacillin is a narrow spectrum beta-lactam antibiotic of the penicillin class. It is used to treat infections caused by susceptible Gram-positive bacteria. Unlike other penicillins, Flucloxacillin has activity against beta-lactamase producing organisms such as *Staphylococcus aureus* as it is beta-lactamase stable. However, it is ineffective against Methicillin-resistant *Staphylococcus aureus*.

## Composition

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

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

**Flukin PFS:** Bottle containing powder for 100ml Solution; when reconstituted each 5 ml contains Flucloxacillin Sodium BP equivalent to Flucloxacillin 125 mg.

**Flukin DS PFS:** Bottle containing powder for 100ml Solution; when reconstituted each 5 ml contains Flucloxacillin Sodium BP equivalent to Flucloxacillin 250 mg.

## Indications

**Flukin** is indicated for the treatment of infections due to Gram Positive organisms, including infections caused by beta-lactamase producing *Staphylococci*; Typical indications include:

Skin and soft tissue infections: Boils, abscesses, carbuncles, infected skin conditions, for example, ulcer, eczema and acne. Furunculosis, cellulitis, infected wounds, infected burns, protection for skin grafts, otitis media and external impetigo.

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

Other infections caused by Flucloxacillin sensitive organisms: Osteomyelitis, enteritis, endocarditis, urinary tract infections, meningitis, septicaemia.

**Flukin** is also indicated for use as a prophylactic agent during major surgical procedures, where appropriate; for example- cardiothoracic and orthopedic surgery.

## Dosage and administration

### Adults (including elderly patients):

*Oral:* 250mg four times daily and should be administered 1/2 to 1 hour before meals.

The dosage may be doubled where necessary.

*Osteomyelitis, endocarditis:* Up to 8 g daily in divided doses 6 to 8 hourly.

### Children:

*2-10 years:* 1/2 of the adult dosage.

*Under 2 years:* 1/4 of the adult dosage.

Children have been given doses of 12.5 to 25mg per kg body weight four times daily.

## Contra-indications

Penicillin hypersensitivity; ocular administration.

## Pregnancy and breast feeding

Animal studies with Flucloxacillin have shown no teratogenic effects. The use of Flucloxacillin in pregnancy should be reserved for cases considered essential by the clinician. Flucloxacillin passes into breast milk in small amounts that are unlikely to be harmful to the nursing infant. only if the expected benefit outweighs any possible risk.

## Side effects

Side effects, as with other penicillins, are uncommon and mainly of a mild and transitory nature, gastro-intestinal upsets (e.g. nausea, diarrhea) and skin rashes have been reported. If skin rash occurs, treatment should be discontinued. Hepatitis and cholestatic jaundice have been reported rarely. Pseudomembranous colitis has been reported rarely and has usually been associated with use of Flucloxacillin in combination with other antibiotics.

### Abnormal renal function:

In common with other penicillins, **Flukin** usage in patients with renal impairment does not usually require dosage reduction. However, in the presence of severe renal failure (creatinine clearance <10 ml/min) a reduction in dose or an extension of dose interval should be considered.

## Over dosage

Problems of over dosage with Flucloxacillin are unlikely to occur; if encountered they may be treated symptomatically.

## 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.

## Pharmaceutical precautions

Store in a cool, dry place, protected from light. **Flukin** Powder for Solution & **Flukin DS** should be freshly prepared. Prepared solution is to be consumed within 7 days of preparation if kept in room temperature or within 10 days if kept in a refrigerator.

## How supplied

**Flukin 250** Capsule: Box of 7 x 4 capsules in alu-alu blister strips.

**Flukin 500** Capsule: Box of 7 x 4 capsules in alu-alu blister strips.

**Flukin PFS:** Bottle containing dry powder for reconstitute 100 ml Solution with a measuring cup.

**Flukin DS PFS:** Bottle containing dry powder for reconstitute 100 ml Solution with a measuring cup.



Manufactured by  
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