

# Adflox<sup>®</sup>

Flucloxacillin

## COMPOSITION:

Adflox<sup>®</sup> 500 mg Capsule: Each Capsule contains Flucloxacillin 500 mg (as Flucloxacillin Sodium BP).

## 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*.
- B-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.

## DOSE & ADMINISTRATION:

- Adults (including elderly patients): Oral: 250 - 500 mg three to four times a day. Oral doses should be administered half an hour before meal.
- Child: Half of adult dose. Below 2 years: 1/4 of adult dose. For children: 12.5 mg/kg 4 times a day can be given.
- Patients with impaired renal function: As common with other penicillins, Flucloxacillin 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 dosage interval should be considered.

## CONTRA-INDICATION:

Flucloxacillin should not be given to penicillin-hypersensitive patients.

## WARNING AND PRECAUTION:

Patient with spirochaete infections (e.g. syphilis, leptospirosis), history of hypersensitivity to  $\beta$ -lactam antibiotics, Newborn infants, Hepatic or renal impairment, pregnancy and lactation.

## 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 & LACTATION:

Pregnant women: Penicillins are generally considered safe for use in pregnancy. Animal studies with Flucloxacillin have shown no teratogenic effect.

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

## USE IN CHILDREN & ADOLESCENTS:

Child 1 month – 1 year: 62.5 mg – 125 mg 4 times a day

Child 2- 9 years: 125 mg - 250 mg 4 times a day

Child 10-17 years: 250 mg - 500 mg 4 times a day

## 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.

## OVERDOSE:

Symptoms: Neurotoxicity (e.g. convulsions, encephalopathy), GI effects (e.g. nausea, vomiting, diarrhoea), blood disorders (e.g. neutropenia, haemolytic anaemia, prolongation of bleeding time, defective platelet function), electrolyte disturbances.

Management: Symptomatic treatment.

## STORAGE:

Store in a dry and cool place at 30<sup>o</sup> C temperature and keep away from light and moisture. Keep out of reach of children.

**PACKING:** Adflox<sup>®</sup> 500 mg Capsule: Each box contain 10x4's capsules in Alu-Alu blister pack.



Manufactured by  
Pharmasia Limited, Gojariapara, Bhawal, Mirzapur, Gazipur, For  
**Team Pharmaceuticals Ltd.**  
B 75-79, BSCIC, Sopura, Rajshahi, Bangladesh

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