

# Inclox®

Flucloxacillin

## Presentation

Inclox® 250 : Each capsule contains Flucloxacillin 250 mg as Flucloxacillin Sodium BP.

Inclox® 500 : Each capsule contains Flucloxacillin 500 mg as Flucloxacillin Sodium BP.

Inclox® dry powder for syrup : After reconstitution according to direction each

5 ml syrup contains Flucloxacillin 125 mg as Flucloxacillin sodium BP.

## Description

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.

## Indications and Uses

*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

### Adults (including elderly patients):

*Oral:*

250-500mg three to four times a day. Oral doses should be administered 1 hour before meal

### Children

2-10 years: Half of adult dose

Under 2 years: One fourth of adult dose

Children have been given doses of 12.5mg/kg body weight four times a day.

### 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 dose interval should be considered.

## Directions for reconstitution

Inclox® dry powder for syrup :

Add 60 ml (with the help of supplied measuring cup) of boiled and cooled water to the dry mixture in the bottle. For ease of preparation add water to the bottle in two portions. Shake the bottle well after each addition of water until all the powder is in syrup.

*Note:*

Shake the bottle well before each use.

Keep the bottle tightly closed.

## 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.

## Contraindications

Flucloxacillin should not be given to penicillin-hypersensitive patients.

## 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.

## Overdosage

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

## Commercial Pack

Inclox® 250 : Each box contains 5 strips of 10 capsules.

Inclox® 500 : Each box contains 5 strips of 10 capsules.

Inclox® dry powder for syrup: Each bottle contains powder to be reconstituted into 100 ml syrup.

Manufactured by



**Incepta Pharmaceuticals Ltd.**

Dhaka, Bangladesh

® Registered Trademark

PTG : 591/221106/40000 FAC NX2