

# Florocin

## Ciprofloxacin 500 mg Tablet & 250 mg/5 ml Powder For Suspension

**Florocin** (Ciprofloxacin) is a synthetic fluoroquinolone. It has bacteriocidal activity against a wide range of gram-positive and gram-negative organisms. It inhibits bacterial DNA synthesis by binding with the bacterial enzyme-DNA gyrase and topoisomerase IV which are responsible for DNA supercoiling.

### COMPOSITION

**Florocin 500 Tablet** : Each film coated tablet contains Ciprofloxacin Hydrochloride USP equivalent to Ciprofloxacin 500 mg.

**Florocin 60 ml Powder For Suspension** : After reconstitution, each 5 ml suspension contains Ciprofloxacin Hydrochloride USP equivalent to Ciprofloxacin 250 mg.

### INDICATION

It is indicated for the treatment of uncomplicated and complicated urinary tract infections, chronic bacterial prostatitis, lower respiratory tract infections, acute sinusitis, skin and skin structure infections, bone and joint infections, complicated intra-abdominal infections (used in combination with metronidazole), infectious diarrhoea, typhoid fever, urethral & cervical gonococcal infection and surgical prophylaxis.

### DOSAGE AND ADMINISTRATION

**Urinary tract infections** : 250-500 mg twice daily.

**Chronic prostatitis** : 500 mg twice daily for 28 days.

**Respiratory tract infections** : 250-750 mg twice daily.

**Gonorrhoea** : 500 mg as a single dose.

**Surgical prophylaxis** : 750 mg, 60-90 minutes before procedure.

**Pseudomonal lower respiratory tract infection in cystic fibrosis** : 750 mg twice daily for adult and up to 20 mg/kg twice daily for child (5-17 years).

**Most other infections** : 500-750 mg twice daily.

**Child and Adolescent** : Based on benefit outweighs risk, 5-15 mg/kg (max. 750 mg) twice daily may be used.

The duration of therapy depends on the type and severity of infection. For most infections, therapy should be continued for at least 48 hours after the patients become asymptomatic. The usual duration is 1-2 weeks but severe or complicated infections may require more prolonged therapy. Therapy may need to be continued for 4-6 weeks or longer for the treatment of bone and joint infections. Infectious diarrhoea generally is treated for 3-7 days, although less prolonged therapy may be adequate.

To get completely palatable suspension use after 30 minutes of reconstitution.

### SIDE EFFECT

Side effects include- nausea and other gastrointestinal disturbances, headache, dizziness, joint pain and skin rashes. Crystaluria has occurred with high doses.

### PRECAUTION

Patients receiving Ciprofloxacin should be instructed to drink fluids liberally. It should be used with caution in patients with suspected or known CNS disorders such as epilepsy or other factors which predispose to seizures and convulsion.

### CONTRAINDICATION

It is contraindicated in patients who have known hypersensitivity to Ciprofloxacin or other quinolones.

### DRUG INTERACTION

Concurrent administration of Ciprofloxacin should be avoided with magnesium or aluminum containing antacids or sucralate or with other products containing calcium, iron or zinc. These products may be taken two hours after or six hours before Ciprofloxacin. Ciprofloxacin should not be taken concurrently with milk or other dairy products, since absorption of Ciprofloxacin may be significantly reduced. Dietary calcium is a part of a meal, however, does not significantly affect the absorption of Ciprofloxacin.

### USE IN PREGNANCY AND LACTATION

US FDA Pregnancy category of Ciprofloxacin is C. Like other quinolones, Ciprofloxacin causes arthropathy in immature animals and therefore its use during pregnancy and lactation is not recommended.

### STORAGE CONDITION

Keep in a dry place away from light and heat. Keep out of the reach of children.

### HOW SUPPLIED

**Florocin 500 Tablet** : Each box contains 30 tablet in Alu-Alu blister pack.

**Florocin Powder For Suspension** : Each amber glass bottle contains dry powder to reconstitute 60 ml suspension.