

# Neovox™

## Levofloxacin

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### Composition:

**Neovox™** 500 Tablet: Each film coated tablet contains Levofloxacin Hemihydrate INN equivalent to Levofloxacin 500 mg.

### Description:

**Neovox™** (Levofloxacin Hemihydrate) is a synthetic, broad spectrum antibacterial agent, belonging to the 3<sup>rd</sup> generation fluoroquinolone derivative. Chemically it is a chiral fluorinated carboxyquinolone. It inhibits the activity of DNA gyrase, an essential bacterial enzyme required for DNA replication, transcription, repair & recombination. It also inhibits topoisomerase-IV, an enzyme structurally similar to DNA gyrase which is also essential for bacterial DNA replication.

### Indications:

**Neovox™** is indicated for the treatment of mild, moderate & severe infections caused by susceptible strains of the designated micro-organisms in the diseases of acute maxillary sinusitis, acute bacterial exacerbation of chronic bronchitis, community-acquired pneumonia, complicated urinary tract infections, acute pyelonephritis, uncomplicated & complicated skin & soft tissue infections.

### Dosage & Administration:

**Exacerbation of chronic bronchitis:** 250-500 mg daily for 7 days.

**Acute sinusitis:** 500 mg once daily for 10-14 days.

**Community-acquired pneumonia:** 500 mg once or twice daily for 7-14 days.

**Complicated urinary tract infections & acute pyelonephritis:** 250 mg daily for 7-10 days.

**Uncomplicated skin & soft tissue infections:** 500 mg once daily for 7-10 days.

**Complicated skin & soft tissue infections:** 750 mg once daily for 7-14 days.

**Enteric fever:** 500 mg once daily for 7-14 days.

**OR AS DIRECTED BY THE PHYSICIAN.**

### Side Effects:

Nausea, vomiting, dyspepsia, abdominal pain, diarrhoea, headache, dizziness, sleep disorder, rash, increased blood urea & creatinine, drowsiness, confusion, depression, asthenia, rarely tremor, anxiety, tachycardia, hypotension, hypoglycaemia, pneumonitis etc. may occur.

### Precautions:

While taking Levofloxacin, adequate amount of water should be taken to avoid concentrated form of urine. Dose adjustment should be exercised during Levofloxacin ingestion in presence of renal insufficiency.

**Pregnancy:** Levofloxacin is in the pregnancy category C & this medication should be used only when clearly needed during pregnancy.

**Lactation:** Levofloxacin is excreted in breast milk & consult with the doctor before breast-feeding.

### Contraindications:

Levofloxacin is contraindicated in persons with a history of hypersensitivity of Levofloxacin, quinolone antimicrobial agents, or any other component of this product.

### Drug Interactions:

Antacids, iron & absorbents reduce absorption of Levofloxacin. NSAIDs may increase the risk of CNS stimulation.

### Storage Condition:

Store in a cool & dry place, protect from light. Keep out of the reach of children.

### Presentation:

**Neovox™** 500 Tablet: Box containing 2x10's tablets in blister pack.

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Manufactured by:

**Julphar Bangladesh Ltd.**

Sreepur, Gazipur, Bangladesh.