Iventi® Tablet

Moxifloxacin 400 mg

COMPOSITION
Iventi® Tablet: Each film coated tablet contains Moxifloxacin 400 mg as Moxifloxacin Hydrochloride USP.

PHARMACOLOGY
Moxifloxacin is synthetic broad spectrum, fluoroquinolone, derivative antibacterial agent. Moxifloxacin has in vitro activity against a wide range of Gram-positive and Gram-negative microorganisms. The bactericidal action of Moxifloxacin results from inhibition of the Topoisomerase II (DNA gyrase) and topoisomerase IV required for bacterial DNA replication, transcription, repair and recombination.

INDICATION
Moxifloxacin is indicated for the treatment of adults (>18 years of age) with infections caused by susceptible strains of the designated microorganisms in the conditions listed below-
● Acute Bacterial Sinusitis caused by *Streptococcus pneumoniae, Haemophilus influenzae* or *Moraxella catarrhalis.*
● Acute Bacterial Exacerbation of Chronic Bronchitis caused by *Streptococcus pneumoniae, Haemophilus influenzae, Haemophilus parainfluenzae, Klebsiella pneumoniae,* methicillin-susceptible *Staphylococcus aureus* or *Moraxella catarrhalis*
● Community Acquired Pneumonia caused by *Streptococcus pneumoniae* (including multi-drug resistant strains), *Haemophilus influenzae, Moraxella catarrhalis,* methicillin-susceptible *Staphylococcus aureus, Klebsiella pneumoniae, Mycoplasma pneumoniae* or *Chlamydophilia pneumoniae.*
● Uncomplicated Skin and Skin Structure Infections caused by methicillin-susceptible *Staphylococcus aureus* or *Streptococcus pyogen.*
● Complicated Skin and Skin Structure Infections caused by methicillin-susceptible *Staphylococcus aureus, Escherichia coli, Klebsiella pneumoniae* or *Enterobacter cloacae.*
● Complicated Intra-Abdominal Infections including polymicrobial infections such as abscess caused by *Escherichia coli, Bacteroides fragilis, Streptococcus anginosus, Streptococcus constellatus, Enterococcus faecalis, Proteus mirabilis, Clostridium perfringens, Bacteroides thetaiotaomicron* or *Peptostreptococcus species.*

DOSAGE AND ADMINISTRATION
Adult:
The dose of Moxifloxacin is 400 mg once every 24 hours. The duration of therapy depends on the type of infection as described below-

Infection	Dose	Duration
Acute Bacterial Sinusitis	400 mg once daily	10 days
Acute Bacterial Exacerbation of Chronic Bronchitis		5 days
Community Acquired Pneumonia		7-14 days
Uncomplicated Skin and Skin Structure Infections		7 days
Complicated Skin and Skin Structure Infections		7-21 days
Complicated Intra-Abdominal Infections		5-14 days

CONTRAINDICATION
Moxifloxacin is contraindicated in persons with a history of hypersensitivity to Moxifloxacin or any member of the quinolone class of antimicrobial agents and any component of this formulation.

PRECAUTION
Moxifloxacin should be discontinued at the first appearance of a skin rash or any other sign of hypersensitivity. Moxifloxacin should be discontinued if the patient experiences pain, swelling, inflammation or rupture of a tendon.

SIDE EFFECT
The following one or more side effects may be observed: tendinopathy and tendon rupture, QT prolongation, hypersensitivity reactions, Clostridium difficile-associated diarrhea, peripheral neuropathy, photosensitivity, phototoxicity etc.

USE IN PREGNANCY & LACTATION
Pregnancy Category C. Moxifloxacin is not recommended during pregnancy & lactation.

DRUG INTERACTION
No quinolone should be co-administered with any solution containing multivalent cations (e.g. magnesium) through the same intravenous line. Antacids, iron and adsorbents reduce absorption of Moxifloxacin. NSAID may increase the risk of CNS stimulation. Warfarin may increase the risk of bleeding.

ADVERSE DRUG REACTION
Risk of Retinal detachment.

OVERDOSE
In the events of an acute overdose, the stomach should be emptied. The patient should be kept under observation and appropriate hydration should be maintained.

STORAGE CONDITION
Store between 15^0 - 30^0 C. Protect from light and moisture. Keep away from reach of children.

HOW SUPPLIED
Iventi® Tablet: Each Box contains 12 tablets in blister pack.

Manufactured by

SQUARE
PHARMACEUTICALS LTD.
BANGLADESH