

Moxibest

Moxifloxacin 400 mg Tablet

Composition

Moxibest Tablet: Each film coated tablet contains Moxifloxacin Hydrochloride USP equivalent to Moxifloxacin 400 mg.

Pharmacology

Moxifloxacin is a member of the fluoroquinolone class of antibacterial agents. It has broad spectrum of activity and antibacterial action. It exerts activity against a wide range of Gram-positive, Gram-negative, anaerobic and atypical bacteria including Mycoplasma pneumonia. The bactericidal action results from the inhibition of topoisomerase II (DNA Gyrase) and topoisomerase IV which are required for bacterial DNA replication, transcription and repair.

Indication

Community acquired pneumonia, Exacerbation of chronic bronchitis, Sinusitis, Skin and soft tissue infection, Pelvic inflammation disease, Complicated intra-abdominal infections etc.

Dose & administration

a) *Route of administration:* Oral

The recommended dose of Moxibest is 400 mg once daily. The duration of therapy depends on the type of infections as described in the following table

Indications	Dose	Duration
Community Acquired Pneumonia	400 mg once daily	7-14 days
Exacerbation of chronic bronchitis		5-10 days
Sinusitis		7-10 days
Skin and soft tissue infection		7-21 days
Pelvic inflammation disease		14 days
Complicated intra-abdominal infections		5-14 days

*No dosage adjustment is required in patients with renal or hepatic impairment.

Contra-indication

Moxifloxacin is contraindicated in the patients with known hypersensitivity to moxifloxacin or other quinolones.

Warning and precaution

Moxifloxacin has been shown to prolong the QT interval in some patients. It should be avoided in patients with known prolongation hypokalemia and with drugs that prolong the QT interval. It may cause increased risk of tendonitis and tendon rupture. It should be discontinued if pain or inflammation in a tendon occurs.

Side effects

a) *Common:* Most side effects reported with moxifloxacin treatment are mild to moderate in nature and require no treatment. Most common adverse reactions are nausea, diarrhea, headache, dizziness, retinal detachment, tendonitis and tendon rupture.

b) *Rare:* Liver diseases, Stevens-Johnson syndrome. This is a serious life-threatening skin rash, Kidney failure, Seizures, Peripheral neuropathy, severe diarrhea, Heart rhythm problems such as torsades de pointes (irregular heart rhythm).

Use in pregnancy & lactation

Pregnancy: Pregnancy category C drug. Because no adequate or well-controlled studies have been conducted in pregnancy, Moxifloxacin should be used during pregnancy only if the potential benefits justifies the potential risk of the fetus.

Lactation: Moxifloxacin may be excreted in the human breast milk. Because of the potential for serious adverse reaction in infants nursing from mother taking moxifloxacin, a decision should be made whether to discontinue nursing or to discontinue the drug, taking into account the importance of the drug to the mother.

Use in children & adolescents

Safety and effectiveness in pediatric patients and adolescents less than 18 years of age have not been established.

Drug interaction

a) *With Medicine:* Antacid, sucralfate, multivitamins and other products containing multivalent cations reduces the absorption of moxifloxacin. Moxifloxacin should be administered 4 hours before or 8 hours after antacids, sucralfates, multivitamins and other products with multivalent. It may enhance anticoagulants effects of warfarin and proarrhythmic effect of class IA and class III antiarrhythmic. No clinically significant drug interactions of theophylline, digoxin or glyburide have been observed with moxifloxacin.

b) *With food and others:* Moxibest may be taken with or without food. Take this drug at the same time each day.

Overdose

Single oral overdoses up to 2.8 gm were not associated with any serious adverse events. In the event of acute overdose, the stomach should be emptied and adequate hydration maintained. The patient should be given supportive treatment. The administration of activated charcoal as soon as possible after oral overdose may prevent excessive increase of systemic Moxifloxacin exposure.

Storage

Store below 30°C. Protect from light. Keep all medicines out of the reach of children.

Packing

Moxibest Tablet: Each Box contains 10 (1x10's) tablets in blister pack.