



<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### **1.3 PRODUCT INFORMATION**

#### **1.3.1 SUMMARY OF PRODUCT CHARACTERISTICS (SMPC)**

**Enclosed**

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

## 1. Name of drug product

**OFLOXAMET 200**

(Ofloxacin 200 mg Tablets)

### 1.1 (Trade) name of product

**OFLOXAMET 200** (Ofloxacin 200 mg Tablets)

### 1.2 Strength

Ofloxacin BP.....200 mg

### 1.3 Pharmaceutical Dosage Form

Tablets

White caplet shape, Film coated tablets, debossed 'SMILE' logo on one side & 'BREAKLINE' on other side.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

## 2. QUALITATIVE & QUANTITATIVE COMPOSITION

### 2.1 Qualitative Declaration

Each Film coated Tablet Contains:

Ofloxacin USP.....200 mg

Excipients.....q.s

**Batch Formula:**

**Batch Size: 8,00,000 Tablets**

Sr. No.	Ingredients	Spec.	Unit Formula ( mg)	Batch Formula (kg)
<b>GRANULATION</b>				
<b>DRY MIXING</b>				
1	Ofloxacin	USP	200.000	160.000*
2	Maize Starch	BP	140.000	123.200**
<b>BINDER</b>				
3	Sodium Benzoate	BP	1.000	0.800
4	Maize Starch	BP	24.000	19.200
5	PVP K-30	BP	2.000	1.600
6	Purified water	IH	q.s.	137.000
<b>LUBRICATION</b>				
7	Talcum	BP	7.000	5.600
8	Sodium Starch Glycolate	BP	4.000	3.200
9	Magnesium Stearate	BP	4.000	3.200
<b>Weigh of Compressed Tablet</b>			<b>382.000</b>	<b>305.60</b>
<b>COATING</b>				
10	Insta Coat Universal (IC-U-1308) (White)*	IH	8.000	7.040***
11	Purified water	IH	q.s.	68.500
<b>Weigh of Coated Tablet</b>			<b>390.000</b>	<b>312.000</b>

\* Quantity of Ofloxacin USP is taken after calculation based on assay.

\*\* 10 % extra starch added to compensate loss on drying & Maize starch quantity change according to change in quantity of Ofloxacin

\*\*\* 10% extra Insta coat Universal (IC-U-1308) white added to compensate the loss of material during coating process.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### 3. PHARMACEUTICAL DOSAGE FORM

Tablets

White caplet shape, Film coated tablets, debossed 'SMILE' logo on one side & 'BREAKLINE' on other side.

### 4. CLINICAL PARTICULARS

#### 4.1 Therapeutic indication:

Ofloxacin is a synthetic 4-fluoroquinolone antibacterial agent. It is effective in vitro against a wide range of Gram-negative and Gram-positive organisms. It is indicated for the treatment of the following infections when caused by sensitive organisms:

The following indications are restricted to adults:

#### **Respiratory tract:**

In acute exacerbations of chronic obstructive pulmonary disease including chronic bronchitis Ofloxamet 200 should be used only when it is considered inappropriate to use other antibacterial agents that are commonly recommended for treatment of these infections. In community acquired pneumonia Ofloxamet 200 should be used only when it is considered inappropriate to use other antibacterial agents that are commonly recommended for the treatment of these infections.

#### **Urinary tract:**

Ofloxamet 200 is indicated in adults for the treatment of the following bacterial infection

- Acute pyelonephritis and complicated urinary tract infections
- Bacterial prostatitis, epididymo-orchitis
- Pelvic inflammatory disease, in combination with other antibacterial agents

In uncomplicated cystitis Ofloxamet should be used only when it is considered inappropriate to use other antibacterial agents that are commonly recommended for the treatment of these infections.

In urethritis Ofloxamet 200 should be used only when it is considered inappropriate to use other antibacterial agents that are commonly recommended for the treatment of these infections.

In complicated skin and soft tissue infections Ofloxamet 200 should be used only when it is considered inappropriate to use other antibacterial agents that are commonly recommended for the treatment of these infections. Ofloxamet 200 tablets are also indicated for prophylaxis of bacterial infection in

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

neutropenic patients. Consideration should be given to official guidance on the appropriate use of antibacterial agents.

#### 4.2 Posology and method of administration

General dosage recommendations: Ofloxamet 200 tablets are to be swallowed with sufficient amount of liquids. They may be taken on an empty stomach or with meals. Concomitant administration with antacids should be avoided. Ofloxacin should be administered approximately 2 hours apart from antacids. The dose of ofloxacin is determined by the type and severity of the infection. The dosage range for adults is 200 mg to 800 mg daily. Up to 400 mg may be given as a single dose, preferably in the morning. Daily doses of more than 400mg must be divided into two separate doses and be given approximately equal intervals.

Respiratory tract infection: 400 mg daily is the recommended dose for the treatment of infections caused by sensitive organisms. Ofloxacin is not recommended as first-line treatment for pneumococcal pneumonia but in circumstances where a physician considers it appropriate to use ofloxacin in patients with pneumococcal pneumonia, a dose of 800 mg daily should be used. In these cases, the drug should be given as two divided doses daily.

Lower respiratory tract infection: 400 mg daily increasing, if necessary, to 400 mg twice daily.

<b>Indication</b>	<b>Daily dose regimen (according to severity)</b>	<b>Duration of treatment (according severity )</b>
Complicated UTI	200 mg twice daily (can be increased to 400 mg twice daily)	7-21 days
Pyelonephritis	200 mg twice daily (can be increased to 400 mg twice daily)	7-10 days (can be extended to 14 days )
Acute prostatitis Chronic prostatitis	200 mg twice daily (can be increased to 400 mg twice daily)	2- 4 weeks * 4-8 weeks *
Epididymo-orchitis	200 mg twice daily (can be increased to 400 mg twice daily)	14 days
Pelvic inflammatory disease	400 mg twice daily	14 days
Uncomplicated cystitis	200 mg twice daily or 400 mg once daily	3 days 1 day
- Non-gonococcal urethritis	300 mg twice daily	7 days
- Neisseria gonorrhoeae urethritis See Section 4.4	400 mg single dose	1 day

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

For prostatitis longer duration of treatment may be considered after careful re-examination of the patient. Ofloxamet 200 may also be used to complete a course of therapy in patients who have shown improvement during initial treatment with intravenous ofloxacin.

**Infection prophylaxis in neutropenia:** 400-800 mg daily for up to 2 months as required.

**Skin and soft tissue infection:** Oral 400 mg twice a day.

**Impaired renal function:** The dosage of Ofloxamet 200 should be adjusted according to the degree of renal impairment.

Dosage in adults with renal insufficiency:

In patients with impaired renal function, the following oral or I.V. dosages are recommended:

Creatinine Clearance	Unit Dose mg*	Number /24h	Intervals (h)
50 – 20 ml/min	100 – 200	1	24
<20 ml/min** or haemodialysis or peritoneal dialysis	100 or 200	1	24
		1	48

According to indication or dose interval.

\*\* The serum concentration of ofloxacin should be monitored in patients with severe renal impairment and dialysis patients.

**Impaired liver function:** the excretion of ofloxacin may be reduced in patients with severe renal liver function disorders (e.g. cirrhosis of the liver and ascites).

A maximum daily dose of 400 mg of ofloxacin should therefore not be exceeded.

**Children:** Contra-indicated in children and growing adolescents.

**Elderly:** Dosage may need to be reduced in accordance with renal or hepatic function.

Duration of therapy varies according to the course of the disease. Ofloxacin should be continued for a minimum of 48 to 72 hours after the patient has become afebrile or evidence of bacterial eradication has been obtained.

#### 4.3 Contraindications

- Ofloxacin must not be used
- In patients hypersensitive to ofloxacin, other quinolones, or any of the excipients listed in section 6.1.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

- In patients with epilepsy.
- In patients with history of tendon disorders related to fluoroquinolone administration.
- In children or adolescents in the growth phase.\*
- During pregnancy.\*
- In breast-feeding women.\*
- Patients with pre-existing CNS lesions involving a lowered convulsion threshold, because, judging from animal experiments, a risk of damage to the growth-plate cartilage in the growing organism cannot be entirely excluded.

#### **4.4 Special warnings and precautions for use**

The use of ofloxacin should be avoided in patients who have experienced serious adverse reactions in the past when using quinolone or fluoroquinolones containing products. Treatment of these patients with ofloxacin should only be initiated in the absence of alternative treatment options and after careful benefit/risk assessment.

#### **Prolonged, disabling and potentially irreversible serious adverse drug reactions**

Very rare cases of prolonged (continuing months or years), disabling and potentially irreversible serious adverse drug reactions affecting different, sometimes multiple, body systems (musculoskeletal, nervous, psychiatric and senses) have been reported in patients receiving quinolones and fluoroquinolones irrespective of their age and pre-existing risk factors. Ofloxacin should be discontinued immediately at the first signs or symptoms of any serious adverse reaction and patients should be advised to contact their prescriber for advice.

Methicillin-resistant *S. aureus* are very likely to possess co-resistance to fluoroquinolones, including ofloxacin. Therefore ofloxacin is not recommended for the treatment of known or suspected MRSA infections unless laboratory results have confirmed susceptibility of the organism to ofloxacin (and commonly recommended antibacterial agents for the treatment of MRSA-infections are considered inappropriate).

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### **Neisseria gonorrhoeae infections**

Due to increase in resistance to *N. gonorrhoeae*, ofloxacin should not be used as empirical treatment option in suspected gonococcal infection (urethral gonococcal infection, pelvic inflammatory disease and epididymo-orchitis), unless the pathogen has been identified and confirmed as susceptible to ofloxacin. If clinical improvement is not achieved after 3 days of treatment, the therapy should be reconsidered.

### **Pelvic inflammatory disease**

For pelvic inflammatory disease, ofloxacin should only be considered in combination with anaerobe coverage.

### **Escherichia coli infection**

Resistance to fluoroquinolones of *E. coli* – the most common pathogen involved in urinary tract infections – varies across the European Union. Prescribers are advised to take into account the local prevalence of resistance in *E. coli* to fluoroquinolones.

### **Severe cutaneous adverse reactions**

Cases of severe bullous skin reactions such as Stevens-Johnson syndrome or toxic epidermal necrolysis have been reported with ofloxacin. Patients should be advised to contact their doctor immediately prior to continuing treatment if skin and/or mucosal reactions occur.

Hypersensitivity and allergic reactions have been reported for fluoroquinolones after first administration.

Anaphylactic and anaphylactoid reactions can progress to life-threatening shock, even after the first administration. In these cases ofloxacin should be discontinued and suitable treatment (e.g treatment for shock) should be initiated.

### **Clostridium difficile – associated disease**

Diarrhoea, particularly if severe, persistent and/or bloody, during or after treatment with ofloxacin (including several weeks after treatment), may be symptomatic of pseudo-membranous colitis (CDAD). CDAD may range in severity from mild to life threatening, the most severe form of which is



	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

pseudomembranous colitis. It is therefore important to consider this diagnosis in patients who develop serious diarrhoea during or after treatment with ofloxacin. If pseudo-membranous colitis is suspected, ofloxacin must be stopped immediately.

Appropriate specific antibiotic therapy must be started without delay (e.g. oral vancomycin, oral teicoplanin or metronidazole). Products inhibiting the peristalsis are contraindicated in this clinical situation.

### **Patients predisposed to seizures**

Quinolones may lower the seizure threshold and may trigger seizures. Ofloxacin is contraindicated in patients with a history of epilepsy and, as with other quinolones, ofloxacin should be used with extreme caution in patients predisposed to seizures.

Such patients may be patients with pre-existing central nervous system lesions, concomitant treatment with fenbufen and similar non-steroidal anti-inflammatory drugs or with drugs which lower the cerebral seizure threshold, such as theophylline.

If seizure develops, treatment with ofloxacin should be discontinued.

### **Tendinitis and tendon rupture**

Tendinitis and tendon rupture (especially but not limited to Achilles tendon), sometimes bilateral, may occur as early as within 48 hours of starting treatment with quinolones and fluoroquinolones and have been reported to occur even up to several months after discontinuation of treatment. The risk of tendinitis and tendon rupture is increased in older patients, patients with renal impairment, patients with solid organ transplants, and those treated concurrently with corticosteroids. Therefore, concomitant use of corticosteroids should be avoided.

At the first sign of tendinitis (e.g. painful swelling, inflammation) the treatment with ofloxacin should be discontinued and alternative treatment should be considered. The affected limb(s) should be appropriately treated (e.g. immobilisation). Corticosteroids should not be used if signs of tendinopathy occur.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### **Patients with renal impairment**

Since ofloxacin is mainly excreted by the kidneys, the dose of ofloxacin should be adjusted in patients with renal impairment.

### **Patients with impaired liver function**

Ofloxacin should be used with caution in patients with impaired liver function, as liver damage may occur. Cases of fulminant hepatitis potentially leading to liver failure (including fatal cases) have been reported with fluoroquinolones. Patients should be advised to stop treatment and contact their doctor if signs and symptoms of hepatic disease develop such as anorexia, jaundice, dark urine, pruritis or tender abdomen.

### **Patients treated with vitamin K antagonists**

Due to possible increase in coagulation tests (PT/INR) and/or bleeding in patients treated with fluoroquinolones, including ofloxacin, in combination with a vitamin K antagonist (e.g. warfarin), coagulation tests should be monitored when these drugs are given concomitantly.

### **Myasthenia gravis**

Fluoroquinolones, including ofloxacin, have neuromuscular blocking activity and may exacerbate muscle weakness in patients with myasthenia gravis. Postmarketing serious adverse reactions, including deaths and the requirement for respiratory support, have been associated with fluoroquinolone use in patients with myasthenia gravis. Ofloxacin is not recommended in patients with a known history of myasthenia gravis.

### **Prevention of photosensitization**

Photosensitization has been reported with ofloxacin. It is recommended that patients should not expose themselves unnecessarily to strong sunlight or to artificial UV rays (e.g. sunray lamp, solarium), during treatment and for 48 hours following treatment discontinuation in order to prevent photosensitisation.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### **Super Infection**

As with other antibiotics, the use of ofloxacin, especially if prolonged, may result in the overgrowth of non-susceptible organisms. Repeated evaluation of the patient's condition is essential. If secondary infection occurs during therapy, appropriate measures should be taken.

### **Risks of resistance**

The prevalence of acquired resistance may vary geographically and over time for selected species. Therefore, local information on resistance is required; microbiological diagnosis with isolation of the pathogen and demonstration of its susceptibility should be sought, especially for severe infections or failure to respond to treatment.

### **QT interval prolongation**

Cases of QT interval prolongation have been reported in patients taking fluoroquinolones including ofloxacin.

Caution should be taken when using fluoroquinolones, including ofloxacin, in patients with known risk factors for prolongation of the QT interval such as, for example: - congenital long QT syndrome

-Concomitant use of drugs that are known to prolong the QT interval (e.g. Class IA and III antiarrhythmics, tricyclic antidepressants, macrolides, antipsychotics).

-Uncorrected electrolyte imbalance (e.g. hypokalemia, hypomagnesaemia)

-Cardiac disease (e.g. heart failure, myocardial infarction, bradycardia)

-Elderly patients and women may be more sensitive to QTc-prolonging medications. Therefore, caution should be taken when using fluoroquinolones, including ofloxacin, in these populations.

### **Dysglycaemia**

Disturbances in blood glucose, including both hypoglycaemia and hyperglycaemia have been reported with fluoroquinolones including ofloxacin and occur more frequently in the elderly. In diabetic patients receiving concomitant treatment with an oral hypoglycaemic agent (e.g., glibenclamide) or with insulin, cases of hypoglycaemic coma have been reported. In these diabetic patients, careful monitoring of blood glucose is recommended.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

Ofloxamet 200 treatment should be stopped immediately if a patient reports blood glucose disturbance and alternative nonfluoroquinolone antibacterial therapy should be considered.

### **Peripheral neuropathy**

Cases of sensory or sensorimotor polyneuropathy resulting in paraesthesia, hypaesthesia, dysesthesia, or weakness have been reported in patients receiving quinolones and fluoroquinolones. Patients under treatment with ofloxacin should be advised to inform their doctor prior to continuing treatment if symptoms of neuropathy such as pain, burning, tingling, numbness, or weakness develop in order to prevent the development of potentially irreversible condition.

### **Patients with glucose-6-phosphate-dehydrogenase deficiency**

Patients with a latent or diagnosed glucose-6-phosphate-dehydrogenase deficiency may be predisposed to haemolytic reactions if they are treated with quinolones. Therefore, if ofloxacin has to be used in these patients, potential occurrence of haemolysis should be monitored.

### **Patients with history of psychotic disorder**

Psychotic reactions have been reported in patients receiving fluoroquinolones, sometimes only after a single dose. In some cases these have progressed to suicidal thoughts or self-endangering behaviour including suicide attempt, sometimes after a single dose of ofloxacin (see section 4.8). In the event that a patient develops these reactions, ofloxacin should be discontinued immediately at the first signs or symptoms of these reactions and patients should be advised to contact their prescriber for advice. Alternative nonfluoroquinolone antibacterial therapy should be considered, and appropriate measures instituted.

Ofloxacin should be used with caution in patients with a history of psychotic disorder or in patients with psychiatric disorder.

- Vision disorders. If vision becomes impaired or any effects on the eyes are experienced, an eye specialist should be consulted immediately.
- Interference with laboratory tests

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

- In patients treated with ofloxacin, determination of opiates in urine may give false-positive results. It may be necessary to confirm positive opiate screens by more specific method.
- Patients with rare hereditary disorders
- Patients with rare hereditary problems of galactose intolerance, the Lapp lactase deficiency or glucose-galactose malabsorption should not take this medicine.
- Aortic aneurysm and dissection, and heart valve regurgitation/incompetence
- Epidemiologic studies report an increased risk of aortic aneurysm and dissection, particularly in elderly patients, and of aortic and mitral valve regurgitation after intake of fluoroquinolones.
- Cases of aortic aneurysm and dissection, sometimes complicated by rupture (including fatal ones), and of Regurgitation/incompetence of any of the heart valves have been reported in patients receiving fluoroquinolones.

Therefore, fluoroquinolones should only be used after careful benefit-risk assessment and after consideration of other therapeutic options in patients with positive family history of aneurysm disease or congenital heart valve disease, or in patients diagnosed with pre-existing aortic aneurysm and/or dissection or heart valve disease, or in presence of other risk factors or conditions predisposing

- For both aortic aneurysm and dissection and heart valve regurgitation/incompetence (e.g. connective tissue disorders such as Marfan syndrome or Ehlers-Danlos syndrome, Turner syndrome, Behçet's disease, hypertension, rheumatoid arthritis or additionally
- For aortic aneurysm and dissection (e.g. vascular disorders such as Takayasu arteritis or giant cell arteritis, or known atherosclerosis, or Sjögren's syndrome) or additionally
- For heart valve regurgitation/incompetence (e.g. infective endocarditis).

The risk of aortic aneurysm and dissection, and their rupture may also be increased in patients treated concurrently with systemic corticosteroids.

In case of sudden abdominal, chest or back pain, patients should be advised to immediately consult a physician in an emergency department.

Patients should be advised to seek immediate medical attention in case of acute dyspnoea, new onset of heart palpitations, or development of oedema of the abdomen or lower extremities

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

#### **4.5 Interaction with other medicinal products and other forms of interaction**

##### **Antacids, Sucralfate, Metal Cations**

Antacids containing aluminium (including sucralfate) and magnesium hydroxides, aluminium phosphate, zinc, iron, are liable to reduce the absorption of ofloxacin tablets. Ofloxacin should be administered approximately 2 hours apart from antacids.

##### **Theophylline, fenbufen or similar non-steroidal anti-inflammatory drugs**

No pharmacokinetic interactions of ofloxacin were found with theophylline in a clinical study. However, a pronounced lowering of the cerebral seizure threshold may occur when quinolones are given concurrently with theophylline, non-steroidal anti-inflammatory drugs, or other drugs, which lower the seizure threshold.

##### **Vitamin K antagonists**

Increased coagulation tests (PT/INR) and/or bleeding, which may be severe, have been reported in patients treated with ofloxacin in combination with a vitamin K antagonist (e.g. warfarin). Coagulation tests, therefore, should be monitored in patients treated with vitamin K antagonists because of a possible increase in the effect of coumarin derivatives.

##### **Probenecid, cimetidine, furosemide or methotrexate**

Probenecid decreased the total clearance of ofloxacin by 24%, and increased AUC by 16%. The proposed mechanism is a competition or inhibition for active transport at the renal tubular excretion. Caution should be exercised when ofloxacin is coadministered with drugs that affect the tubular renal secretion (such as probenecid, cimetidine, furosemide or methotrexate).

Sudden reduction in blood pressure may occur when Ofloxamet 200 is administered with hypotensive agents. In such cases, or if the drug is given concomitantly with barbiturate anaesthetics, cardiovascular function should be monitored.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### **Drugs known to prolong QT interval**

Ofloxacin, like other fluoroquinolones, should be used with caution in patients receiving drugs known to prolong the QT interval (e.g. Class IA and III antiarrhythmics, tricyclic antidepressants, macrolides, antipsychotics). (See section 4.4 QT interval prolongation).

### **Anticoagulant Therapy**

Concurrent administration with anticoagulant therapy may require adjustment of the dose of the latter as prolongation of bleeding time has been reported. In a study with phenprocoumon no interactions were noted.

### **Glibenclamide**

Ofloxacin may cause a slight increase in serum concentrations of glibenclamide administered concurrently; it is therefore recommended that patients treated concomitantly with this combination should be closely monitored.

Concomitant use with some phenylpropionic acid derived non-steroidal anti-inflammatory drugs may lead to toxicity possibly because of renal effects.

Ofloxacin may inhibit the growth of *Mycobacterium tuberculosis*, and, therefore, may give false-negative results in the bacteriological diagnosis of tuberculosis.

### **Opiates**

In patients treated with ofloxacin, determination of opiates or porphyrins in urine may give false-positive results. It may be necessary to confirm positive opiate screens by more specific method.

## **4.6 Fertility, pregnancy and lactation**

### **Pregnancy**

Based on a limited amount of human data, the use of fluoroquinolones in the first trimester of pregnancy has not been associated with an increased risk of major malformations or other adverse effects on pregnancy outcome. Animal studies have shown damage to the joint cartilage in immature animals but no teratogenic effects. Therefore Ofloxacin must not be prescribed in pregnancy or in women at risk of pregnancy.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### Breast-feeding

Ofloxacin is excreted in human breast milk in small amounts. Because of the potential for arthropathy and other serious toxicity in the nursing infant, breast feeding should be discontinued during treatment with ofloxacin.

### 4.7 Effects on ability to drive and use machines

Some adverse reactions (e.g. dizziness/vertigo, drowsiness, visual disturbance) may impair the patient's ability to concentrate and react, and therefore may constitute a risk in situations where these abilities are of special importance (e.g. driving a car or operating machinery).

### 4.8 Undesirable effect

The information given below is based on data from clinical studies and on extensive post marketing experience.


System organ class	Common ( $\geq 1/100$ to $< 1/10$ )	Uncommon ( $\geq 1/1,000$ to $< 1/100$ )	Rare ( $\geq 1/10,000$ to $< 1/1,000$ )	Very rare ( $< 1/10,000$ )	Not known (cannot be estimated from available data)*
Infections and infestations		Fungal infection, Pathogen resistance			
Blood and the lymphatic system disorders				Anaemia, Haemolytic anaemia, Leukopenia, Eosinophilia, Thrombocytopenia	Agranulocytosis, Bone marrow failure
Immune system disorders			Anaphylactic reaction*, Anaphylactoid reaction*, Angioedema*	Anaphylactic shock*, Anaphylactoid shock*	



<b>BRAND NAME:</b>		<b>OFLOXAMET 200</b>			
<b>GENERIC NAME:</b>		<b>OFLOXACIN 200 MG TABLETS</b>			
Metabolism and Nutrition disorders			Anorexia, Hypoglycaemia, coma (see section 4.4)		Hypoglycaemia in diabetics treated with hypoglycaemic agents (see Section 4.4) Hyperglycaemia
Psychiatric disorders**		Agitation, Sleep	Psychotic disorder (for		Psychotic disorder and depression with self-endangering behaviour including
		disorder, Insomnia	e.g. hallucination), Anxiety, Confusional state, Nightmares, Depression, Delirium, Memory impairment		suicidal ideation or suicide attempt (see Section 4.4) Nervousness
Nervous system disorders**		Dizziness, Headache	Somnolence, Paraesthesia, Dysgeusia, Parosmia	Peripheral sensory neuropathy* Peripheral sensory motor neuropathy*, Convulsion*, Extra-pyramidal symptoms or other disorders of muscular coordination	Tremor Dyskinesia Ageusia Syncope, Benign intracranial hypertension
Eye disorders**		Eye irritation	Visual disturbance		Uveitis
Ear and labyrinth disorders**		Vertigo		Tinnitus, Hearing loss	Hearing impaired

<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

Cardiac disorders***			Tachycardia		QT interval prolongation, Ventricular arrhythmias, torsades de pointes (reported predominantly in patients with risk factors for QT prolongation), ( see section 4.4 and 4.9)
Vascular disorders***			Hypotension		
Respiratory, thoracic and mediastinal disorders	-	Cough, Nasopharyngitis	Dyspnoea, Bronchospasm		Allergic pneumonitis, Severe dyspnoea
Gastro-intestinal disorders		Abdominal pain, Diarrhoea, Nausea, Vomiting	Enterocolitis, sometimes haemorrhagic	Pseudo-membranous colitis *	Dyspepsia, Flatulence, Constipation, Pancreatitis, stomatitis
Hepato-biliary disorders			Hepatic enzymes increased (ALAT, ASAT, LDH, gamma-GT and/or alkaline phosphatase), Blood bilirubin increased	Jaundice cholestatic	Hepatitis, which may be severe*, Severe liver injury, including cases with acute liver failure, sometimes fatal, have been reported with ofloxacin, primarily in patients with underlying liver disorders (see section 4.4).

					
<b>BRAND NAME:</b>		<b>OFLOXAMET 200</b>			
<b>GENERIC NAME:</b>		<b>OFLOXACIN 200 MG TABLETS</b>			
Skin and subcutaneous tissue disorders		Pruritus, Rash	Urticaria, Hot flushes, Hyperhidrosis, Pustular rash	Erythema multiforme, Toxic epidermal necrolysis,	Stevens-Johnson syndrome; Acute generalized exanthemous pustulosis; drug rash, Exfoliative dermatitis

\* Post marketing experience

\*\* Very rare cases of prolonged (up to months or years), disabling and potentially irreversible serious drug reactions affecting several, sometimes multiple, system organ classes and senses (including reactions such as tendonitis, tendon rupture, arthralgia, pain in extremities, gait disturbance, neuropathies associated with paraesthesia, depression, fatigue, memory impairment, sleep disorders, and impairment of hearing, vision, taste and smell) have been reported in association with the use of quinolones and fluoroquinolones in some cases irrespective of pre-existing risk factors.

\*\*\* Cases of aortic aneurysm and dissection, sometimes complicated by rupture (including fatal ones), and regurgitation/incompetence of any of the heart valves have been reported in patients receiving fluoroquinolones.

#### 4.9 Overdose

The most important signs to be expected following acute overdose are CNS symptoms such as confusion, dizziness, impairment of consciousness and seizures, increases in QT interval as well as gastrointestinal reactions such as nausea and mucosal erosions.

CNS effects including confusional state, convulsion, hallucination, and tremor have been observed in post marketing experience

In the event of overdose, symptomatic treatment should be implemented.

ECG monitoring should be undertaken, because of the possibility of QT interval prolongation. Antacids may be used for protection of gastric mucosa. A fraction of ofloxacin may be removed from the body with haemodialysis. Peritoneal dialysis and CAPD are not effective in removing ofloxacin from the body. No specific antidote exists.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

## 5.0 Pharmacological properties

### 5.1 Pharmacodynamics properties

#### Pharmacotherapeutic group:

The ATC code is **J01 MA01**.

Ofloxacin is a quinolone-carbolic acid derivative with a wide range of antibacterial activity against both gram negative and gram positive organisms. It inhibits bacterial DNA replication by blocking DNA topo-isomerases, in particular DNA gyrase.

Therapeutic doses of ofloxacin are devoid of pharmacological effects on the voluntary or autonomic nervous systems.

Fluoroquinolones have a concentration-dependent bactericidal activity, with a moderate post antibiotic effect. For this class of antimicrobials, the ratio between AUC and MIC or Cmax and MIC is predictive of clinical success.

The prevalence of resistance may vary geographically and with time for selected species and local information on resistance is desirable, particularly when treating severe infections. As necessary, expert advice should be sought when the local prevalence of resistance is such that the utility of the agent in at least some types of infections is questionable.

Resistance to ofloxacin is acquired through a stepwise process by target site mutations in both type II topoisomerases, DNA gyrase and topoisomerase IV. Other resistance mechanisms such as permeation barriers (common in *Pseudomonas aeruginosa*) and efflux mechanisms may also affect susceptibility to ofloxacin.

### 5.2 Pharmacokinetic properties

Ofloxacin is an oxyquinolone anti-infective that is well absorbed, widely distributed, slightly metabolised in liver to inactive metabolites and excreted in urinary tract with T<sub>1/2</sub> of 6 – 8 hours. Ofloxacin concentrations in the urine and at the site of urinary tract infections exceed those measured in serum by 5 to 100-fold.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

### 5.3 Preclinical Safety Data:

Toxicological studies have shown that administration of oxoquinolone antibacterial agents at doses higher than the therapeutic range can produce erosion of the cartilage in weight-bearing joints in immature animals of some species. No such lesions have been shown to occur in man to date. This product should not be prescribed for children.

## 6. Pharmaceutical Particulars

### 6.1. List of excipients

Maize Starch, Sodium Benzoate, Maize Starch, PVP K-30, Purified water, Purified Talc, Sodium Starch Glycolate, Magnesium Stearate & Insta Coat Universal (IC-U-1308) (White)

### 6.2. Incompatibilities

Not applicable.

### 6.3. Shelf life

36 Months.

### 6.4. Special precautions for storage

Store below 30<sup>0</sup> C. Protect from light.

### 6.5. Nature and contents of container

1 X 10 ALU-ALU Blister.

### 6.6. Instruction for use and handling

No special requirements.

## 7. Marketing Authorization Holder

**MAXHEAL LABORATORIES PVT. LTD.**

Plot No.2-7/80-85 SURSEZ, Sachin,

Dist. Surat (Gujarat) 394 230.

	
<b>BRAND NAME:</b>	<b>OFLOXAMET 200</b>
<b>GENERIC NAME:</b>	<b>OFLOXACIN 200 MG TABLETS</b>

**8. Marketing Authorization Number**

Not Applicable.

**9. Date of First Authorization /Renewal of the Authorization**

Not Applicable.

**10. Date of Revision of the**

Not Applicable