

Ciproxin® 500 mg Tablets

(ciprofloxacin)

Patient Information Leaflet

Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.

- * Keep this leaflet. You may need to read it again.
- * If you have any further questions, ask your doctor or pharmacist.
- * This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- * If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

Your medicine is called Ciproxin 500mg Tablets but will be referred as Ciproxin throughout this leaflet.

What is in this leaflet

- 1 What Ciproxin is and what it is used for
- 2 What you need to know before you take Ciproxin
- 3 How to take Ciproxin
- 4 Possible side effects
- 5 How to store Ciproxin
- 6 Contents of the pack and other information

1 What Ciproxin is and what it is used for

Ciproxin contains the active substance ciprofloxacin. Ciprofloxacin is an antibiotic belonging to the fluoroquinolone family. Ciprofloxacin works by killing bacteria that cause infections. It only works with specific strains of bacteria.

Adults

Ciproxin is used in adults to treat the following bacterial infections:

- * respiratory tract infections
- * long lasting or recurring ear or sinus infections
- * urinary tract infections
- * genital tract infections in men and women
- * gastro-intestinal tract infections and intra-abdominal infections
- * skin and soft tissue infections
- * bone and joint infections
- * to prevent infections due to the bacterium *Neisseria meningitidis*
- * anthrax inhalation exposure

Ciprofloxacin may be used in the management of patients with low white blood cell counts (neutropenia) who have a fever that is suspected to be due to a bacterial infection.

If you have a severe infection or one that is caused by more than one type of bacterium, you may be given additional antibiotic treatment in addition to Ciproxin.

Children and adolescents

Ciproxin is used in children and adolescents, under specialist medical supervision, to treat the following bacterial infections:

- * lung and bronchial infections in children and adolescents suffering from cystic fibrosis
- * complicated urinary tract infections, including infections that have reached the kidneys (pyelonephritis)
- * anthrax inhalation exposure

Ciproxin may also be used to treat other specific severe infections in children and adolescents when your doctor considered this necessary.

2 What you need to know before you take Ciproxin

Do not take Ciproxin:

- * if you are allergic to the active substance, to other quinolone drugs or to any of the other ingredients of this medicine (listed in Section 6)
- * if you are taking tizanidine (see Section 2: Other medicines and Ciproxin)

Warnings and precautions

Talk to your doctor before taking Ciproxin

- * if you have ever had kidney problems because your treatment may need to be adjusted.
- * if you suffer from epilepsy or other neurological conditions.
- * if you have a history of tendon problems during previous treatment with antibiotics such as Ciproxin.
- * if you are diabetic because you may experience a risk of hypoglycaemia with ciprofloxacin.
- * if you have myasthenia gravis (a type of muscle weakness) because symptoms can be exacerbated.
- * if you have heart problems. Caution should be taken when using Ciprofloxacin, if you were born with or have family history of prolonged QT interval (seen on ECG, electrical recording of the heart), have salt imbalance in the blood (especially low level of potassium or magnesium in the blood), have a very slow heart rhythm (called 'bradycardia'), have a weak heart (heart failure), have a history of heart attack (myocardial infarction), you are female or elderly or you are taking other medicines that result in abnormal ECG changes (see section 2: Other medicines and Ciproxin).
- * if you or a member of your family is known to have a deficiency in glucose-6-phosphate dehydrogenase (G6PD), since you may experience a risk of anaemia with ciprofloxacin.

For the treatment of some genital tract infections, your doctor can prescribe another antibiotic in addition to ciprofloxacin. If there is no improvement in symptoms after 3 days of treatment, please consult your doctor.

While taking Ciproxin

Tell your doctor immediately, if any of the following occurs **while taking Ciproxin**. Your doctor will decide whether treatment with Ciproxin needs to be stopped.

- * **Severe, sudden allergic reaction** (an anaphylactic reaction/shock, angio-oedema). Even with the first dose, there is a small chance that you may experience a severe allergic reaction with the following symptoms: tightness in the chest, feeling dizzy, sick or faint, or experiencing dizziness when standing up. **If this happens, stop taking Ciproxin and contact your doctor immediately.**
- * **Pain and swelling in the joints and tendinitis** may occur occasionally, particularly if you are elderly and are also being treated with corticosteroids. Inflammation and ruptures of tendons may occur even within the first 48 hours of treatment or up to several months after discontinuation of Ciproxin therapy. At the first sign of any pain or inflammation stop taking Ciproxin, contact your doctor and rest the painful area. Avoid any unnecessary exercise, as this might increase the risk of a tendon rupture.

- * If you suffer from **epilepsy** or other **neurological** conditions such as cerebral ischemia or stroke, you may experience side effects associated with the central nervous system. If seizure happens, stop taking Ciproxin and contact your doctor immediately.
- * You may experience symptoms of **neuropathy** such as pain, burning, tingling, numbness and/or muscle weakness. If this happens, stop taking Ciproxin and contact your doctor immediately.
- * You may experience **psychiatric reactions** the first time you take Ciproxin. If you suffer from **depression** or **psychosis**, your symptoms may become worse under treatment with Ciproxin. In rare cases, depression or psychosis can progress to thoughts of suicide, suicide attempts, or completed suicide. If this happens, contact your doctor immediately.
- * **Hypoglycemia** has been reported most often in diabetic patients, predominantly in elderly population. If this happens, contact your doctor immediately.
- * **Diarrhoea** may develop while you are taking antibiotics, including Ciproxin, or even several weeks after you have stopped taking them. If it becomes severe or persistent or you notice that your stool contains blood or mucus, stop taking Ciproxin and contact your doctor immediately, as this can be life-threatening. Do not take medicines that stop or slow down bowel movements.
- * If your **eyesight becomes impaired** or if your eyes seem to be otherwise affected, consult an eye specialist immediately.
- * Your skin becomes more **sensitive to sunlight or ultraviolet (UV) light** when taking Ciproxin. Avoid exposure to strong sunlight, or artificial UV light such as sunbeds.
- * Tell the doctor or laboratory staff that you are taking Ciproxin if you have to provide a **blood or urine sample**.
- * If you suffer from **kidney problems**, tell the doctor because your dose may need to be adjusted.
- * Ciproxin may cause **liver damage**. If you notice any symptoms such as loss of appetite, jaundice (yellowing of the skin), dark urine, itching, or tenderness of the stomach, contact your doctor immediately.
- * Ciproxin may cause a reduction in the number of white blood cells and your **resistance to infection may be decreased**. If you experience an infection with symptoms such as fever and serious deterioration of your general condition, or fever with local infection symptoms such as sore throat/pharynx/mouth or urinary problems you should see your doctor immediately. A blood test will be taken to check possible reduction of white blood cells (agranulocytosis). It is important to inform your doctor about your medicine.

Other medicines and Ciproxin

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

Do not take Ciproxin together with tizanidine, because this may cause side effects such as low blood pressure and sleepiness (see Section 2: Do not take Ciproxin).

The following medicines are known to interact with Ciproxin in your body. Taking Ciproxin together with these medicines can influence the therapeutic effect of those medicines. It can also increase the probability of experiencing side effects.

Tell your doctor if you are taking:

- * Vitamin K antagonists (e.g. warfarin, acenocoumarol, phenprocoumon or fluintione) or other oral anticoagulants (to thin the blood)
- * probenecid (for gout)
- * methotrexate (for certain types of cancer, psoriasis, rheumatoid arthritis)
- * theophylline (for breathing problems)
- * tizanidine (for muscle spasticity in multiple sclerosis)
- * olanzapine (an antipsychotic)
- * clozapine (an antipsychotic)
- * ropinirole (for Parkinson's disease)
- * phenytoin (for epilepsy)
- * metoclopramide (for nausea and vomiting)
- * cyclosporin (for skin conditions, rheumatoid arthritis and in organ transplantation)
- * other medicines that can alter your heart rhythm: medicines that belong to the group of anti-arrhythmics (e.g. quinidine, hydroquinidine, disopyramide, amiodarone, sotalol, dofetilide, ibutilide), tricyclic antidepressants, some antimicrobials (that belong to the group of macrolides), some antipsychotics.
- * zolpidem (for sleep disorders)

Ciproxin may **increase** the levels of the following medicines in your blood:

- * pentoxifylline (for circulatory disorders)
- * caffeine
- * duloxetine (for depression, diabetic nerve damage or incontinence)
- * lidocaine (for heart conditions or anaesthetic use)
- * sildenafil (e.g. for erectile dysfunction)
- * agomelatine (for depression)

Some medicines **reduce** the effect of Ciproxin. Tell your doctor if you take or wish to take:

- * antacids
- * omeprazole
- * mineral supplements
- * sucralfate
- * a polymeric phosphate binder (e.g. sevelamer or lanthanum carbonate)
- * medicines or supplements containing calcium, magnesium, aluminium or iron

If these preparations are essential, take Ciproxin about two hours before or no sooner than four hours after them.

Ciproxin with food and drink

Unless you take Ciproxin during meals, do not eat or drink any dairy products (such as milk or yoghurt) or drinks with added calcium when you take the tablets, as they may affect the absorption of the active substance.

Pregnancy and breast-feeding

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

It is preferable to avoid the use of Ciproxin during pregnancy.

Do not take Ciproxin during breast-feeding because ciprofloxacin is excreted in breast milk and can be harmful for your child.

Driving and using machines

Ciproxin may make you feel less alert. Some neurological adverse events can occur. Therefore, make sure you know how you react to Ciproxin before driving a vehicle or operating machinery. If in doubt, talk to your doctor.

Ciproxin® 500 mg Tablets

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Patient Information Leaflet (continued)

3 How to take Ciproxin

Your doctor will explain to you exactly how much Ciproxin you will have to take as well as how often and for how long. This will depend on the type of infection you have and how bad it is.

Tell your doctor if you suffer from kidney problems because your dose may need to be adjusted.

The treatment usually lasts from 5 to 21 days, but may take longer for severe infections. Always take this medicine exactly as your doctor has told you. Check with your doctor or pharmacist if you are not sure how many tablets to take and how to take Ciproxin.

- Swallow the tablets with plenty of fluid. Do not chew the tablets because they do not taste nice.
- Do try to take the tablets at around the same time every day.
- You can take the tablets at mealtimes or between meals. Any calcium you take as part of a meal will not seriously affect uptake. However, **do not** take Ciproxin tablets with dairy products such as milk or yoghurt or with fortified fruit juices (e.g. calcium-fortified orange juice).

Remember to drink plenty of fluids while you are taking this medicine.

If you take more Ciproxin than you should

If you take more than the prescribed dose, get medical help immediately. If possible, take your tablets or the box with you to show the doctor.

If you forget to take Ciproxin

Take the normal dose as soon as possible and then continue as prescribed. However, if it is almost time for your next dose, do not take the missed dose and continue as usual. Do not take a double dose to make up for a forgotten dose. Be sure to complete your course of treatment.

If you stop taking Ciproxin

It is important that you **finish the course of treatment** even if you begin to feel better after a few days. If you stop taking this medicine too soon, your infection may not be completely cured and the symptoms of the infection may return or get worse. You might also develop resistance to the antibiotic.

If you have any further questions about the use of this medicine, ask your doctor or pharmacist.

4 Possible side effects

Like all medicines, this medicine can cause side effects, although not every-body gets them.

The following section contains the most serious side effects that you can recognize yourself:

Stop taking Ciproxin and contact your doctor immediately in order to consider another antibiotic treatment if you notice any of the following serious side effects:

Rare (may affect up to 1 in 1,000 people)

- Seizure (see Section 2: Warnings and precautions)

Very rare (may affect up to 1 in 10,000 people)

- Severe, sudden allergic reaction with symptoms such as tightness in the chest, feeling dizzy, sick or faint, or experience dizziness when standing up (anaphylactic reaction/shock) (see Section 2: Warnings and precautions)
- Muscle weakness, inflammation of the tendons which could lead to rupture of the tendon, particularly affecting the large tendon at the back of the ankle (Achilles tendon) (see Section 2: Warnings and precautions)
- A serious life-threatening skin rash, usually in the form of blisters or ulcers in the mouth, throat, nose, eyes and other mucous membranes such as genitals which may progress to widespread blistering or peeling of the skin (Stevens-Johnson syndrome, toxic epidermal necrolysis).

Not known (frequency cannot be estimated from the available data)

- Unusual feelings of pain, burning tingling, numbness or muscle weakness in the extremities (neuropathy) (see Section 2: Warnings and precautions)
- A drug reaction that causes rash, fever, inflammation of internal organs, hematologic abnormalities and systemic illness (DRESS Drug Reaction with Eosinophilia and Systemic Symptoms, AGEP Acute Generalised Exanthematous Pustulosis).

Other side effects which have been observed during treatment with Ciproxin are listed below by how likely they are:

Common: (may affect up to 1 in 10 people)

- nausea, diarrhoea
- joint pain and joint inflammation in children

Uncommon (may affect up to 1 in 100 people)

- joint pain in adults
- fungal superinfections
- a high concentration of eosinophils, a type of white blood cell
- decreased appetite
- hyperactivity or agitation
- headache, dizziness, sleeping problems, or taste disorders
- vomiting, abdominal pain, digestive problems such as stomach upset (indigestion/heartburn), or wind
- increased amounts of certain substances in the blood (transaminases and/or bilirubin)
- rash, itching, or hives
- poor kidney function
- pains in your muscles and bones, feeling unwell (asthenia), or fever
- increase in blood alkaline phosphatase (a certain substance in the blood)

Rare (may affect up to 1 in 1,000 people)

- muscle pain, inflammation of the joints, increased muscle tone and cramping
- inflammation of the bowel (colitis) linked to antibiotic use (can be fatal in very rare cases) (see Section 2: Warnings and precautions)
- changes to the blood count (leukopenia, leukocytosis, neutropenia, anaemia), increased or decreased amounts of a blood clotting factor (thrombocytes)
- allergic reaction, swelling (oedema), or rapid swelling of the skin and mucous membranes (angio-oedema) (see Section 2: Warnings and precautions)
- increased blood sugar (hyperglycaemia)
- decreased blood sugar (hypoglycaemia) (see Section 2: Warnings and precautions)
- confusion, disorientation, anxiety reactions, strange dreams, depression (potentially leading to thoughts of suicide, suicide attempts, or completed suicide) (see Section 2: Warnings and precautions), or hallucinations
- pins and needles, unusual sensitivity to stimuli of the senses, decreased skin sensitivity, tremors, or giddiness

- eyesight problems including double vision (see Section 2: Warnings and precautions)
- tinnitus, loss of hearing, impaired hearing
- rapid heartbeat (tachycardia)
- expansion of blood vessels (vasodilation), low blood pressure, or fainting
- shortness of breath, including asthmatic symptoms
- liver disorders, jaundice (cholestatic icterus), or hepatitis
- sensitivity to light (see Section 2: Warnings and precautions)
- kidney failure, blood or crystals in the urine, urinary tract inflammation
- fluid retention or excessive sweating
- increased levels of the enzyme amylase

Very rare (may affect up to 1 in 10,000 people)

- a special type of reduced red blood cell count (haemolytic anaemia); a dangerous drop in a type of white blood cells (agranulocytosis) (see Section 2: Warnings and precautions); a drop in the number of red and white blood cells and platelets (pancytopenia), which may be fatal; and bone marrow depression, which may also be fatal
- allergic reaction called serum sickness-like reaction (see Section 2: Warnings and precautions)
- mental disturbances (psychotic reactions potentially leading to thoughts of suicide, suicide attempts, or completed suicide) (see Section 2: Warnings and precautions)
- migraine, disturbed coordination, unsteady walk (gait disturbance), disorder of sense of smell (olfactory disorders), pressure on the brain (intracranial pressure and pseudotumor cerebri)
- visual colour distortions
- inflammation of the wall of the blood vessels (vasculitis)
- pancreatitis
- death of liver cells (liver necrosis) very rarely leading to life-threatening liver failure (see Section 2: Warnings and precautions)
- small, pin-point bleeding under the skin (petechiae); various skin eruptions or rashes
- worsening of the symptoms of myasthenia gravis (see Section 2: Warnings and precautions)

Not known (frequency cannot be estimated from the available data)

- feeling highly excited (mania) or feeling great optimism and overactivity (hypomania)
- abnormal fast heart rhythm, life-threatening irregular heart rhythm, alteration of the heart rhythm (called 'prolongation of QT interval', seen on ECG, electrical activity of the heart)
- influence on blood clotting (in patients treated with Vitamin K antagonists)

Reporting of side effects

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme at www.mhra.gov.uk/yellowcard.

By reporting side effects, you can help provide more information on the safety of this medicine.

5 How to store Ciproxin

- * Keep out of the sight and reach of children.
- * Do not use Ciproxin after the expiry date, which is stated on the blister or carton after "EXP": The expiry date refers to the last day of the month concerned.
- * If your medicine becomes discoloured or shows any other signs of deterioration consult your pharmacist who will tell you what to do.
- * Medicines should not be disposed of down the drain or with household rubbish. Ask your pharmacist how to dispose of any medicines no longer required. These measures will help to protect the environment.

6 Contents of the pack and other information

What Ciproxin contains

Ciproxin 500 mg film-coated tablets contain the active ingredient, Ciprofloxacin.

Also contain microcrystalline cellulose, maize starch, crospovidone, colloidal silicon dioxide, magnesium stearate and purified water. The tablet film-coat consists of a mixture of hypromellose, macrogol 4000, titanium dioxide and purified water.

What Ciproxin looks like and contents of the pack

Ciproxin are white, film-coated tablets. On one side it is marked with a break line and CIP 500 and marked BAYER on the other. They are available in blister packs containing 10 Tablets

Manufacturer and Licence Holder

This medicine is manufactured by Bayer Pharma AG, D-51368, Leverkusen, Germany and is procured from within the EU and repackaged by the Product Licence Holder: Lexon (UK) Limited, Unit 18, Oxleasow Road, East Moons Moat, Redditch, Worcestershire, B98 0RE.

If you have any questions or are not sure about anything, ask your doctor or pharmacist. They will have additional information about this medicine and will be able to advise you.

POM PL 15184/1273 Ciproxin 500mg Tablets

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**Blind or partially sighted?
Is this leaflet hard to see or read?
Phone Lexon (UK) Limited,
Tel: 01527 505414 to obtain the leaflet
in a format suitable for you**

Ciprobay® 500 mg Tablets

(ciprofloxacin)

Patient Information Leaflet

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- * This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- * If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

Your medicine is called Ciprobay 500mg Tablets but will be referred as Ciprobay throughout this leaflet.

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1 What Ciprobay is and what it is used for

Ciprobay contains the active substance ciprofloxacin. Ciprofloxacin is an antibiotic belonging to the fluoroquinolone family. Ciprofloxacin works by killing bacteria that cause infections. It only works with specific strains of bacteria.

Adults

Ciprobay is used in adults to treat the following bacterial infections:

- * respiratory tract infections
- * long lasting or recurring ear or sinus infections
- * urinary tract infections
- * genital tract infections in men and women
- * gastro-intestinal tract infections and intra-abdominal infections
- * skin and soft tissue infections
- * bone and joint infections
- * to prevent infections due to the bacterium *Neisseria meningitidis*
- * anthrax inhalation exposure

Ciprofloxacin may be used in the management of patients with low white blood cell counts (neutropenia) who have a fever that is suspected to be due to a bacterial infection.

If you have a severe infection or one that is caused by more than one type of bacterium, you may be given additional antibiotic treatment in addition to Ciprobay.

Children and adolescents

Ciprobay is used in children and adolescents, under specialist medical supervision, to treat the following bacterial infections:

- * lung and bronchial infections in children and adolescents suffering from cystic fibrosis
- * complicated urinary tract infections, including infections that have reached the kidneys (pyelonephritis)
- * anthrax inhalation exposure

Ciprobay may also be used to treat other specific severe infections in children and adolescents when your doctor considered this necessary.

2 What you need to know before you take Ciprobay

Do not take Ciprobay:

- * if you are allergic to the active substance, to other quinolone drugs or to any of the other ingredients of this medicine (listed in Section 6)
- * if you are taking tizanidine (see Section 2: Other medicines and Ciprobay)

Warnings and precautions

Talk to your doctor before taking Ciprobay

- * if you have ever had kidney problems because your treatment may need to be adjusted.
- * if you suffer from epilepsy or other neurological conditions.
- * if you have a history of tendon problems during previous treatment with antibiotics such as Ciprobay.
- * if you are diabetic because you may experience a risk of hypoglycaemia with ciprofloxacin.
- * if you have myasthenia gravis (a type of muscle weakness) because symptoms can be exacerbated.
- * if you have heart problems. Caution should be taken when using Ciprofloxacin, if you were born with or have family history of prolonged QT interval (seen on ECG, electrical recording of the heart), have salt imbalance in the blood (especially low level of potassium or magnesium in the blood), have a very slow heart rhythm (called 'bradycardia'), have a weak heart (heart failure), have a history of heart attack (myocardial infarction), you are female or elderly or you are taking other medicines that result in abnormal ECG changes (see section 2: Other medicines and Ciprobay).
- * if you or a member of your family is known to have a deficiency in glucose-6-phosphate dehydrogenase (G6PD), since you may experience a risk of anaemia with ciprofloxacin.

For the treatment of some genital tract infections, your doctor can prescribe another antibiotic in addition to ciprofloxacin. If there is no improvement in symptoms after 3 days of treatment, please consult your doctor.

While taking Ciprobay

Tell your doctor immediately, if any of the following occurs **while taking Ciprobay**. Your doctor will decide whether treatment with Ciprobay needs to be stopped.

- * **Severe, sudden allergic reaction** (an anaphylactic reaction/shock, angio-oedema). Even with the first dose, there is a small chance that you may experience a severe allergic reaction with the following symptoms: tightness in the chest, feeling dizzy, sick or faint, or experiencing dizziness when standing up.
If this happens, stop taking Ciprobay and contact your doctor immediately.
- * **Pain and swelling in the joints and tendinitis** may occur occasionally, particularly if you are elderly and are also being treated with corticosteroids. Inflammation and ruptures of tendons may occur even within the first 48 hours of treatment or up to several months after discontinuation of Ciprobay therapy. At the first sign of any pain or inflammation stop taking Ciprobay, contact your doctor and rest the painful area. Avoid any unnecessary exercise, as this might increase the risk of a tendon rupture.

- * If you suffer from **epilepsy** or other **neurological conditions** such as cerebral ischemia or stroke, you may experience side effects associated with the central nervous system. If seizure happens, stop taking Ciprobay and contact your doctor immediately.
- * You may experience symptoms of **neuropathy** such as pain, burning, tingling, numbness and/or muscle weakness. If this happens, stop taking Ciprobay and contact your doctor immediately.
- * You may experience **psychiatric reactions** the first time you take Ciprobay. If you suffer from **depression** or **psychosis**, your symptoms may become worse under treatment with Ciprobay. In rare cases, depression or psychosis can progress to thoughts of suicide, suicide attempts, or completed suicide. If this happens, contact your doctor immediately.
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- * Tell the doctor or laboratory staff that you are taking Ciprobay if you have to provide a **blood or urine sample**.
- * If you suffer from **kidney problems**, tell the doctor because your dose may need to be adjusted.
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Tell your doctor if you are taking:

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Pregnancy and breast-feeding

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

It is preferable to avoid the use of Ciprobay during pregnancy.

Do not take Ciprobay during breast-feeding because ciprofloxacin is excreted in breast milk and can be harmful for your child.

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Patient Information Leaflet (continued)

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The treatment usually lasts from 5 to 21 days, but may take longer for severe infections. Always take this medicine exactly as your doctor has told you. Check with your doctor or pharmacist if you are not sure how many tablets to take and how to take Ciprobay.

- Swallow the tablets with plenty of fluid. Do not chew the tablets because they do not taste nice.
- Do try to take the tablets at around the same time every day.
- You can take the tablets at mealtimes or between meals. Any calcium you take as part of a meal will not seriously affect uptake. However, **do not** take Ciprobay tablets with dairy products such as milk or yoghurt or with fortified fruit juices (e.g. calcium-fortified orange juice). Remember to drink plenty of fluids while you are taking this medicine.

If you take more Ciprobay than you should

If you take more than the prescribed dose, get medical help immediately. If possible, take your tablets or the box with you to show the doctor.

If you forget to take Ciprobay

Take the normal dose as soon as possible and then continue as prescribed. However, if it is almost time for your next dose, do not take the missed dose and continue as usual. Do not take a double dose to make up for a forgotten dose. Be sure to complete your course of treatment.

If you stop taking Ciprobay

It is important that you **finish the course of treatment** even if you begin to feel better after a few days. If you stop taking this medicine too soon, your infection may not be completely cured and the symptoms of the infection may return or get worse. You might also develop resistance to the antibiotic.

If you have any further questions about the use of this medicine, ask your doctor or pharmacist.

4 Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them.

The following section contains the most serious side effects that you can recognize yourself:

Stop taking Ciprobay and contact your doctor immediately in order to consider another antibiotic treatment if you notice any of the following serious side effects:

Rare (may affect up to 1 in 1,000 people)

- Seizure (see Section 2: Warnings and precautions)

Very rare (may affect up to 1 in 10,000 people)

- Severe, sudden allergic reaction with symptoms such as tightness in the chest, feeling dizzy, sick or faint, or experience dizziness when standing up (anaphylactic reaction/shock) (see Section 2: Warnings and precautions)
- Muscle weakness, inflammation of the tendons which could lead to rupture of the tendon, particularly affecting the large tendon at the back of the ankle (Achilles tendon) (see Section 2: Warnings and precautions)
- A serious life-threatening skin rash, usually in the form of blisters or ulcers in the mouth, throat, nose, eyes and other mucous membranes such as genitals which may progress to widespread blistering or peeling of the skin (Stevens-Johnson syndrome, toxic epidermal necrolysis).

Not known (frequency cannot be estimated from the available data)

- Unusual feelings of pain, burning tingling, numbness or muscle weakness in the extremities (neuropathy) (see Section 2: Warnings and precautions)
- A drug reaction that causes rash, fever, inflammation of internal organs, hematologic abnormalities and systemic illness (DRESS Drug Reaction with Eosinophilia and Systemic Symptoms, AGEP Acute Generalised Exanthematous Pustulosis).

Other side effects which have been observed during treatment with Ciprobay are listed below by how likely they are:

Common: (may affect up to 1 in 10 people)

- nausea, diarrhoea
- joint pain and joint inflammation in children

Uncommon (may affect up to 1 in 100 people)

- joint pain in adults
- fungal superinfections
- a high concentration of eosinophils, a type of white blood cell
- decreased appetite
- hyperactivity or agitation
- headache, dizziness, sleeping problems, or taste disorders
- vomiting, abdominal pain, digestive problems such as stomach upset (indigestion/heartburn), or wind
- increased amounts of certain substances in the blood (transaminases and/or bilirubin)
- rash, itching, or hives
- poor kidney function
- pains in your muscles and bones, feeling unwell (asthenia), or fever
- increase in blood alkaline phosphatase (a certain substance in the blood)

Rare (may affect up to 1 in 1,000 people)

- muscle pain, inflammation of the joints, increased muscle tone and cramping
- inflammation of the bowel (colitis) linked to antibiotic use (can be fatal in very rare cases) (see Section 2: Warnings and precautions)
- changes to the blood count (leukopenia, leukocytosis, neutropenia, anaemia), increased or decreased amounts of a blood clotting factor (thrombocytes)
- allergic reaction, swelling (oedema), or rapid swelling of the skin and mucous membranes (angio-oedema) (see Section 2: Warnings and precautions)
- increased blood sugar (hyperglycaemia)
- decreased blood sugar (hypoglycaemia) (see Section 2: Warnings and precautions)
- confusion, disorientation, anxiety reactions, strange dreams, depression (potentially leading to thoughts of suicide, suicide attempts, or completed suicide) (see Section 2: Warnings and precautions), or hallucinations

- pins and needles, unusual sensitivity to stimuli of the senses, decreased skin sensitivity, tremors, or giddiness
- eyesight problems including double vision (see Section 2: Warnings and precautions)
- tinnitus, loss of hearing, impaired hearing
- rapid heartbeat (tachycardia)
- expansion of blood vessels (vasodilation), low blood pressure, or fainting
- shortness of breath, including asthmatic symptoms
- liver disorders, jaundice (cholestatic icterus), or hepatitis
- sensitivity to light (see Section 2: Warnings and precautions)
- kidney failure, blood or crystals in the urine, urinary tract inflammation
- fluid retention or excessive sweating
- increased levels of the enzyme amylase

Very rare (may affect up to 1 in 10,000 people)

- a special type of reduced red blood cell count (haemolytic anaemia); a dangerous drop in a type of white blood cells (agranulocytosis) (see Section 2: Warnings and precautions); a drop in the number of red and white blood cells and platelets (pancytopenia), which may be fatal; and bone marrow depression, which may also be fatal
- allergic reaction called serum sickness-like reaction (see Section 2: Warnings and precautions)
- mental disturbances (psychotic reactions potentially leading to thoughts of suicide, suicide attempts, or completed suicide) (see Section 2: Warnings and precautions)
- migraine, disturbed coordination, unsteady walk (gait disturbance), disorder of sense of smell (olfactory disorders), pressure on the brain (intracranial pressure and pseudotumor cerebri)
- visual colour distortions
- inflammation of the wall of the blood vessels (vasculitis)
- pancreatitis
- death of liver cells (liver necrosis) very rarely leading to life-threatening liver failure (see Section 2: Warnings and precautions)
- small, pin-point bleeding under the skin (petechiae); various skin eruptions or rashes
- worsening of the symptoms of myasthenia gravis (see Section 2: Warnings and precautions)

Not known (frequency cannot be estimated from the available data)

- feeling highly excited (mania) or feeling great optimism and overactivity (hypomania)
- abnormal fast heart rhythm, life-threatening irregular heart rhythm, alteration of the heart rhythm (called 'prolongation of QT interval', seen on ECG, electrical activity of the heart)
- influence on blood clotting (in patients treated with Vitamin K antagonists)

Reporting of side effects

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via the Yellow Card Scheme at www.mhra.gov.uk/yellowcard.

By reporting side effects, you can help provide more information on the safety of this medicine.

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- * If your medicine becomes discoloured or shows any other signs of deterioration consult your pharmacist who will tell you what to do.
- * Medicines should not be disposed of down the drain or with household rubbish. Ask your pharmacist how to dispose of any medicines no longer required. These measures will help to protect the environment.

6 Contents of the pack and other information

What Ciprobay contains

Ciprobay 500 mg film-coated tablets contain the active ingredient, Ciprofloxacin.

Also contain microcrystalline cellulose, maize starch, crospovidone, colloidal silicon dioxide, magnesium stearate and purified water. The tablet film-coat consists of a mixture of hypromellose, macrogol 4000, titanium dioxide and purified water.

What Ciprobay looks like and contents of the pack

Ciprobay are white, film-coated tablets. On one side it is marked with a break line and CIP 500 and marked BAYER on the other. They are available in blister packs containing 10 Tablets.

Manufacturer and Licence Holder

This medicine is manufactured by Bayer Pharma AG, D-51368, Leverkusen, Germany and is procured from within the EU and repackaged by the Product Licence Holder: Lexon (UK) Limited, Unit 18, Oxleasow Road, East Moons Moat, Redditch, Worcestershire, B98 0RE.

If you have any questions or are not sure about anything, ask your doctor or pharmacist. They will have additional information about this medicine and will be able to advise you.

POM PL 15184/1273 Ciprobay 500mg Tablets

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Revision date: 12/05/17

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Is this leaflet hard to see or read?
Phone Lexon (UK) Limited,
Tel: 01527 505414 to obtain the leaflet
in a format suitable for you**

Ciprofloxacin 500 mg Tablets

Patient Information Leaflet

Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.

- * Keep this leaflet. You may need to read it again.
- * If you have any further questions, ask your doctor or pharmacist.
- * This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- * If you get any side effects, talk to your doctor or pharmacist. This includes any possible side effects not listed in this leaflet. See section 4.

Your medicine is called Ciprofloxacin 500mg Tablets but will be referred as Ciprofloxacin throughout this leaflet.

What is in this leaflet

- 1 What Ciprofloxacin is and what it is used for
- 2 What you need to know before you take Ciprofloxacin
- 3 How to take Ciprofloxacin
- 4 Possible side effects
- 5 How to store Ciprofloxacin
- 6 Contents of the pack and other information

1 What Ciprofloxacin is and what it is used for

Ciprofloxacin contains the active substance ciprofloxacin. Ciprofloxacin is an antibiotic belonging to the fluoroquinolone family. Ciprofloxacin works by killing bacteria that cause infections. It only works with specific strains of bacteria.

Adults

Ciprofloxacin is used in adults to treat the following bacterial infections:

- * respiratory tract infections
- * long lasting or recurring ear or sinus infections
- * urinary tract infections
- * genital tract infections in men and women
- * gastro-intestinal tract infections and intra-abdominal infections
- * skin and soft tissue infections
- * bone and joint infections
- * to prevent infections due to the bacterium *Neisseria meningitidis*
- * anthrax inhalation exposure

Ciprofloxacin may be used in the management of patients with low white blood cell counts (neutropenia) who have a fever that is suspected to be due to a bacterial infection.

If you have a severe infection or one that is caused by more than one type of bacterium, you may be given additional antibiotic treatment in addition to Ciprofloxacin.

Children and adolescents

Ciprofloxacin is used in children and adolescents, under specialist medical supervision, to treat the following bacterial infections:

- * lung and bronchial infections in children and adolescents suffering from cystic fibrosis
- * complicated urinary tract infections, including infections that have reached the kidneys (pyelonephritis)
- * anthrax inhalation exposure

Ciprofloxacin may also be used to treat other specific severe infections in children and adolescents when your doctor considered this necessary.

2 What you need to know before you take Ciprofloxacin

Do not take Ciprofloxacin:

- * if you are allergic to the active substance, to other quinolone drugs or to any of the other ingredients of this medicine (listed in Section 6)
- * if you are taking tizanidine (see Section 2: Other medicines and Ciprofloxacin)

Warnings and precautions

Talk to your doctor before taking Ciprofloxacin

- * if you have ever had kidney problems because your treatment may need to be adjusted.
- * if you suffer from epilepsy or other neurological conditions.
- * if you have a history of tendon problems during previous treatment with antibiotics such as Ciprofloxacin.
- * if you are diabetic because you may experience a risk of hypoglycaemia with ciprofloxacin.
- * if you have myasthenia gravis (a type of muscle weakness) because symptoms can be exacerbated.
- * if you have heart problems. Caution should be taken when using Ciprofloxacin, if you were born with or have family history of prolonged QT interval (seen on ECG, electrical recording of the heart), have salt imbalance in the blood (especially low level of potassium or magnesium in the blood), have a very slow heart rhythm (called 'bradycardia'), have a weak heart (heart failure), have a history of heart attack (myocardial infarction), you are female or elderly or you are taking other medicines that result in abnormal ECG changes (see section 2: Other medicines and Ciprofloxacin).
- * if you or a member of your family is known to have a deficiency in glucose-6-phosphate dehydrogenase (G6PD), since you may experience a risk of anaemia with ciprofloxacin.

For the treatment of some genital tract infections, your doctor can prescribe another antibiotic in addition to ciprofloxacin. If there is no improvement in symptoms after 3 days of treatment, please consult your doctor.

While taking Ciprofloxacin

Tell your doctor immediately, if any of the following occurs **while taking Ciprofloxacin**. Your doctor will decide whether treatment with Ciprofloxacin needs to be stopped.

- * **Severe, sudden allergic reaction** (an anaphylactic reaction/shock, angio-oedema). Even with the first dose, there is a small chance that you may experience a severe allergic reaction with the following symptoms: tightness in the chest, feeling dizzy, sick or faint, or experiencing dizziness when standing up. **If this happens, stop taking Ciprofloxacin and contact your doctor immediately.**
- * **Pain and swelling in the joints and tendinitis** may occur occasionally, particularly if you are elderly and are also being treated with corticosteroids. Inflammation and ruptures of tendons may occur even within the first 48 hours of treatment or up to several months after discontinuation of Ciprofloxacin therapy. At the first sign of any pain or inflammation stop taking Ciprofloxacin, contact your doctor and rest the painful area. Avoid any unnecessary exercise, as this might increase the risk of a tendon rupture.

- * If you suffer from **epilepsy** or other **neurological conditions** such as cerebral ischemia or stroke, you may experience side effects associated with the central nervous system. If seizure happens, stop taking Ciprofloxacin and contact your doctor immediately.
- * You may experience symptoms of **neuropathy** such as pain, burning, tingling, numbness and/or muscle weakness. If this happens, stop taking Ciprofloxacin and contact your doctor immediately.
- * You may experience **psychiatric reactions** the first time you take Ciprofloxacin. If you suffer from depression or psychosis, your symptoms may become worse under treatment with Ciprofloxacin. In rare cases, **depression** or **psychosis** can progress to thoughts of suicide, suicide attempts, or completed suicide. If this happens, contact your doctor immediately.
- * **Hypoglycemia** has been reported most often in diabetic patients, predominantly in elderly population. If this happens, contact your doctor immediately.
- * **Diarrhoea** may develop while you are taking antibiotics, including Ciprofloxacin, or even several weeks after you have stopped taking them. If it becomes severe or persistent or you notice that your stool contains blood or mucus, stop taking Ciprofloxacin and contact your doctor immediately, as this can be life-threatening. Do not take medicines that stop or slow down bowel movements.
- * If your **eyesight becomes impaired** or if your eyes seem to be otherwise affected, consult an eye specialist immediately.
- * Your skin becomes more **sensitive to sunlight or ultraviolet (UV) light** when taking Ciprofloxacin. Avoid exposure to strong sunlight, or artificial UV light such as sunbeds.
- * Tell the doctor or laboratory staff that you are taking Ciprofloxacin if you have to provide a **blood or urine sample**.
- * If you suffer from **kidney problems**, tell the doctor because your dose may need to be adjusted.
- * Ciprofloxacin may cause **liver damage**. If you notice any symptoms such as loss of appetite, jaundice (yellowing of the skin), dark urine, itching, or tenderness of the stomach, contact your doctor immediately.
- * Ciprofloxacin may cause a reduction in the number of white blood cells and your **resistance to infection may be decreased**. If you experience an infection with symptoms such as fever and serious deterioration of your general condition, or fever with local infection symptoms such as sore throat/pharynx/mouth or urinary problems you should see your doctor immediately. A blood test will be taken to check possible reduction of white blood cells (agranulocytosis). It is important to inform your doctor about your medicine.

Other medicines and Ciprofloxacin

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

Do not take Ciprofloxacin together with tizanidine, because this may cause side effects such as low blood pressure and sleepiness (see Section 2: Do not take Ciprofloxacin).

The following medicines are known to interact with Ciprofloxacin in your body. Taking Ciprofloxacin together with these medicines can influence the therapeutic effect of those medicines. It can also increase the probability of experiencing side effects.

Tell your doctor if you are taking:

- * Vitamin K antagonists (e.g. warfarin, acenocoumarol, phenprocoumon or fluintione) or other oral anticoagulants (to thin the blood)
- * probenecid (for gout)
- * methotrexate (for certain types of cancer, psoriasis, rheumatoid arthritis)
- * theophylline (for breathing problems)
- * tizanidine (for muscle spasticity in multiple sclerosis)
- * olanzapine (an antipsychotic)
- * clozapine (an antipsychotic)
- * ropinirole (for Parkinson's disease)
- * phenytoin (for epilepsy)
- * metoclopramide (for nausea and vomiting)
- * cyclosporin (for skin conditions, rheumatoid arthritis and in organ transplantation)
- * other medicines that can alter your heart rhythm: medicines that belong to the group of anti-arrhythmics (e.g. quinidine, hydroquinidine, disopyramide, amiodarone, sotalol, dofetilide, ibutilide), tricyclic antidepressants, some antimicrobials (that belong to the group of macrolides), some antipsychotics.

Ciprofloxacin may **increase** the levels of the following medicines in your blood:

- * pentoxifylline (for circulatory disorders)
- * caffeine
- * duloxetine (for depression, diabetic nerve damage or incontinence)
- * lidocaine (for heart conditions or anaesthetic use)
- * sildenafil (e.g. for erectile dysfunction)

Some medicines **reduce** the effect of Ciprofloxacin. Tell your doctor if you take or wish to take:

- * antacids
- * omeprazole
- * mineral supplements
- * sucralfate
- * a polymeric phosphate binder (e.g. sevelamer or lanthanum carbonate)
- * medicines or supplements containing calcium, magnesium, aluminium or iron

If these preparations are essential, take Ciprofloxacin about two hours before or no sooner than four hours after them.

Ciprofloxacin with food and drink

Unless you take Ciprofloxacin during meals, do not eat or drink any dairy products (such as milk or yoghurt) or drinks with added calcium when you take the tablets, as they may affect the absorption of the active substance.

Pregnancy and breast-feeding

If you are pregnant or breast-feeding, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine.

It is preferable to avoid the use of Ciprofloxacin during pregnancy.

Do not take Ciprofloxacin during breast-feeding because ciprofloxacin is excreted in breast milk and can be harmful for your child.

Driving and using machines

Ciprofloxacin may make you feel less alert. Some neurological adverse events can occur. Therefore, make sure you know how you react to Ciprofloxacin before driving a vehicle or operating machinery. If in doubt, talk to your doctor.

Ciprofloxacin 500 mg Tablets

Patient Information Leaflet (continued)

3 How to take Ciprofloxacin

Your doctor will explain to you exactly how much Ciprofloxacin you will have to take as well as how often and for how long. This will depend on the type of infection you have and how bad it is.

Tell your doctor if you suffer from kidney problems because your dose may need to be adjusted.

The treatment usually lasts from 5 to 21 days, but may take longer for severe infections. Always take this medicine exactly as your doctor has told you. Check with your doctor or pharmacist if you are not sure how many tablets to take and how to take Ciprofloxacin

- Swallow the tablets with plenty of fluid. Do not chew the tablets because they do not taste nice.
- Do try to take the tablets at around the same time every day.
- You can take the tablets at mealtimes or between meals. Any calcium you take as part of a meal will not seriously affect uptake. However, **do not** take Ciprofloxacin tablets with dairy products such as milk or yoghurt or with fortified fruit juices (e.g. calcium-fortified orange juice).

Remember to drink plenty of fluids while you are taking this medicine.

If you take more Ciprofloxacin than you should

If you take more than the prescribed dose, get medical help immediately. If possible, take your tablets or the box with you to show the doctor.

If you forget to take Ciprofloxacin

Take the normal dose as soon as possible and then continue as prescribed. However, if it is almost time for your next dose, do not take the missed dose and continue as usual. Do not take a double dose to make up for a forgotten dose. Be sure to complete your course of treatment.

If you stop taking Ciprofloxacin

It is important that you **finish the course of treatment** even if you begin to feel better after a few days. If you stop taking this medicine too soon, your infection may not be completely cured and the symptoms of the infection may return or get worse. You might also develop resistance to the antibiotic.

If you have any further questions about the use of this medicine, ask your doctor or pharmacist.

4 Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them.

The following section contains the most serious side effects that you can recognize yourself:

Stop taking Ciprofloxacin and contact your doctor immediately in order to consider another antibiotic treatment if you notice any of the following serious side effects:

Rare (may affect up to 1 in 1,000 people)

- Seizure (see Section 2: Warnings and precautions)

Very rare (may affect up to 1 in 10,000 people)

- Severe, sudden allergic reaction with symptoms such as tightness in the chest, feeling dizzy, sick or faint, or experience dizziness when standing up (anaphylactic reaction/shock) (see Section 2: Warnings and precautions)
- Muscle weakness, inflammation of the tendons which could lead to rupture of the tendon, particularly affecting the large tendon at the back of the ankle (Achilles tendon) (see Section 2: Warnings and precautions)
- A serious life-threatening skin rash, usually in the form of blisters or ulcers in the mouth, throat, nose, eyes and other mucous membranes such as genitals which may progress to widespread blistering or peeling of the skin (Stevens-Johnson syndrome, toxic epidermal necrolysis).

Not known (frequency cannot be estimated from the available data)

- Unusual feelings of pain, burning tingling, numbness or muscle weakness in the extremities (neuropathy) (see Section 2: Warnings and precautions)
- A drug reaction that causes rash, fever, inflammation of internal organs, hematologic abnormalities and systemic illness (DRESS Drug Reaction with Eosinophilia and Systemic Symptoms, AGEP Acute Generalised Exanthematous Pustulosis).

Other side effects which have been observed during treatment with Ciproxin are listed below by how likely they are:

Common: (may affect up to 1 in 10 people)

- nausea, diarrhoea
- joint pain and joint inflammation in children

Uncommon (may affect up to 1 in 100 people)

- joint pain in adults
- fungal superinfections
- a high concentration of eosinophils, a type of white blood cell
- decreased appetite
- hyperactivity or agitation
- headache, dizziness, sleeping problems, or taste disorders
- vomiting, abdominal pain, digestive problems such as stomach upset (indigestion/heartburn), or wind
- increased amounts of certain substances in the blood (transaminases and/or bilirubin)
- rash, itching, or hives
- poor kidney function
- pains in your muscles and bones, feeling unwell (asthenia), or fever
- increase in blood alkaline phosphatase (a certain substance in the blood)

Rare (may affect up to 1 in 1,000 people)

- muscle pain, inflammation of the joints, increased muscle tone and cramping
- inflammation of the bowel (colitis) linked to antibiotic use (can be fatal in very rare cases) (see Section 2: Warnings and precautions)
- changes to the blood count (leukopenia, leukocytosis, neutropenia, anaemia), increased or decreased amounts of a blood clotting factor (thrombocytes)
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- eyesight problems including double vision (see Section 2: Warnings and precautions)
- tinnitus, loss of hearing, impaired hearing
- rapid heartbeat (tachycardia)
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- shortness of breath, including asthmatic symptoms
- liver disorders, jaundice (cholestatic icterus), or hepatitis
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