Nitrofurantoin Mercury Pharma 100mg Prolonged-Release Capsules, but it will be referred to as Nitrofurantoin 100mg Prolonged-Release Capsules throughout the rest of this leaflet.

What is in this leaflet:
1. What Nitrofurantoin 100mg Prolonged-Release Capsules is and what it is used for
2. What you need to know before you take Nitrofurantoin 100mg Prolonged-Release Capsules
3. How to take Nitrofurantoin 100mg Prolonged-Release Capsules
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1. WHAT NITROFURANTOIN 100MG PROLONGED-RELEASE CAPSULES IS AND WHAT IT IS USED FOR

Nitrofurantoin (the active substance in Nitrofurantoin 100mg Prolonged-Release Capsules) is an antibiotic.

It is used to prevent and treat infections of the bladder, kidney and other parts of the urinary tract.

Nitrofurantoin should be taken at meal times with food or milk. This will help to avoid stomach upset and also to help the absorption.

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2. WHAT YOU NEED TO KNOW BEFORE YOU TAKE NITROFURANTOIN 100MG PROLONGED-RELEASE CAPSULES

DO NOT TAKE NITROFURANTOIN 100MG Prolonged-Release Capsules:

• if you are allergic to Nitrofurantoin, other nitrofurans or any of the other ingredients of this medicine (listed in section 6)
• if you have a disease of the kidneys which is severely affecting the way they work (ask your doctor if you are not sure)
• if you are in the final stages of pregnancy (labour or delivery) as there is a risk that it might affect the baby
• if you have porphyria (blood disorder)
• if in patients with G6PD (glucose-6-phosphate dehydrogenase) deficiency
• if in infants under three months of age
• if you are breast feeding a baby with suspected or known deficiency in an enzyme called G6PD (glucose-6-phosphate dehydrogenase).

Tell your doctor if you are not sure about any of the above.

Warnings and precautions

Talk to your doctor, pharmacist or nurse before taking Nitrofurantoin 100mg Prolonged-Release Capsules:

• if you have diabetes
• if you are suffering from any illness causing severe weakness
• if you have anaemia (a decrease in red blood cells causing pale skin, weakness and breathlessness); a lack of vitamin B or abnormal levels of salts in your blood (your doctor will be able to advise you).
• if you have a history of allergy, ask your doctor or pharmacist.
• if you have any problems with your kidneys.

The above conditions may increase the chance of developing a side effect which causes damage to the nerves, altered sense of feeling, like pins and needles.

• if you lack an enzyme (body chemical) called glucose-6-phosphate dehydrogenase, which causes your red blood cells to be more easily damaged (this is more common in black people and people of Mediterranean, Middle Eastern or Asian origin. Your doctor will know)
• if you have any disease of the lungs, liver or nervous system. If you need to take Nitrofurantoin for a number of months, your doctor may want to regularly check how your lungs and liver are working.
• if you have false positive results on testing your urine for glucose
• if you have urine coloured yellow or brown.
• if you experience fatigue, yellowing of the skin or eyes, itching, skin rashes, joint pain, abdominal discomfort, nausea, vomiting, loss of appetite, dark urine, and pale or gray-colored stools. It may be a sign of liver disorder.

Other medicines and Nitrofurantoin 100mg Prolonged-Release Capsules: Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

If they are taken with Nitrofurantoin their effect or the effect of Nitrofurantoin may be changed.

In particular, tell your doctor or pharmacist if you are taking any of the following medicines:

• Antacids for indigestion (e.g. magnesium trisilicate)
• Medicines for gout (e.g. probenecid or sulfinpyrazone)
• Medicines for raised pressure in the eye (glaucoma), such as carbonic anhydrase inhibitors (e.g. acetazolamide)
• Medicines which make the urine less acidic (e.g. potassium citrate mixture)
• Medicines for infections, known as quinolones
• Typhoid vaccine, which is given for the prevention of typhoid.

If you are in doubt about any of these medicines ask your doctor or pharmacist.

Nitrofurantoin 100mg Prolonged-Release Capsules with food and drink: Nitrofurantoin should be taken at meal times with food or milk. This will help to avoid starch upset and also to help the absorption.

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.

As far as it is known Nitrofurantoin may be used in pregnancy. However it should not be used during labour or delivery because there is a possibility that use at this stage may affect the baby.

If you want to breast feed, please consult with your doctor first.

Driving and using machines:

Nitrofurantoin 100mg Prolonged-Release Capsules may cause dizziness and drowsiness. You should not drive or operate machinery if you are affected this way until such symptoms go away.

Nitrofurantoin 100mg Prolonged-Release Capsules contains lactose and sucrose

• if you have any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.
Adults and children over 12 years old:

- The normal dosage depends on the type of infection you have and instructions should be written on the label provided by the pharmacist. Consult your doctor or pharmacist if these instructions are not clear.
- The recommended dose is:
  - For treatment of bladder infections: One capsule twice a day for seven days
  - For prevention of bladder infections during surgery: One capsule twice a day on the day of the operation and three days thereafter.

Use in children

Nitrofurantoin 100mg Prolonged-Release Capsules is not recommended for children under 12 years of age.

Nitrofurantoin 100mg Prolonged-Release Capsules should be taken with food or milk.

5. HOW TO STORE NITROFURANTOIN 100MG PROLONGED-RELEASE CAPSULES

- Store in the original package to protect from light and moisture.
- Do not store above 30°C (aluminium/aluminium).
- Do not store above 25°C (For capsule). If you are not sure ask your doctor or pharmacist.
- Keep this medicine out of the sight and reach of children.

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

6. HOW TO STORE NITROFURANTOIN 100MG PROLONGED-RELEASE CAPSULES

- Treat your doctor or pharmacist immediately or go to the emergency department of the nearest hospital.
- Always take any left over capsules with you, as well as the container and label, so that the medical staff know what you have taken.
- Do not double the dose to make up for a forgotten dose. If you are not sure ask your doctor or pharmacist.
- If you stop taking Nitrofurantoin 100mg Prolonged-Release Capsules:
  - You may feel better. Your doctor will tell you how long to take the treatment. Do not stop earlier than you are told, even if you feel better.
  - If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

Like all medicines, this medicine can cause side effects, although not everybody gets them. Most of you will feel better.

Method of administration

Capsules should be swallowed whole.

If you take more Nitrofurantoin 100mg Prolonged-Release Capsules than you should:

- Consult your doctor or pharmacist immediately or go to the emergency department of the nearest hospital.
- Always take any left over capsules with you, as well as the container and label, so that the medical staff know what you have taken.
- If you forget to take Nitrofurantoin 100mg Prolonged-Release Capsules:
  - Do not worry. If you remember later on that day, take that day’s dose as usual. If you miss a whole day’s dose take the normal dose on the next day. Do not take a double dose to make up for a forgotten capsule. If you are not sure ask your doctor or pharmacist.
- If you stop taking Nitrofurantoin 100mg Prolonged-Release Capsules:
  - Your doctor will tell you how long to take the treatment. Do not stop earlier than you are told, even if you feel better.
  - If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

4. POSSIBLE SIDE EFFECTS

- All medicines can cause allergic reactions although serious allergic reactions are rare. If you notice any sudden wheeziness, difficulty in breathing, swelling of the eyelids, face or lips, rash or itching (especially affecting your whole body) STOP TAKING this medicine and go to a doctor immediately.
- Please note that while taking Nitrofurantoin your urine may become coloured dark yellow or brown. This is quite normal and not a reason to stop taking the medicine.
- Other side effects are:
  - • Feeling sick (nausea) and headache
  - • Loose stools
  - • Loss of appetite, stomach ache, and being sick (vomiting)
  - • Dizziness, drowsiness
  - • Blood cells have been affected in some patients. This may result in bruising, delayed clotting of the blood or bleeding. Sore throat, fever, anaemia, and a susceptibility to colds or persistent cold
  - • Symptoms of fatigue, abdominal pain and swelling. These could be signs of a condition known as hepatitis. In rare cases, it may cause liver failure which may be fatal.
  - • Nitrofurantoin may cause the liver to become inflamed, producing jaundice (yellowing of the skin or whites of the eyes).
  - • Severe reduction in blood cells which can cause weakness, bruising or make infections more likely
  - • Blotch or purple coloration of the skin due to low oxygen levels. A condition known as cyanosis
  - • Symptoms of fever, flu, abdominal pain, diarthea, blood in your stool and weakness. These could be signs of a condition known as cutaneous vasculitis.
  - • Symptoms of fatigue, abdominal pain and swelling. These could be signs of a condition known as hepatitis. In rare cases, it may cause liver failure which may be fatal.
  - • Inflammation of kidney tissue surrounding tubules, causing renal impairment
  - • Inflammation of small blood vessel walls, causing skin lesions
  - • Liver inflammation due to turn of immune system against liver cells
  - • Inflammation of the pancreas gland (causing severe abdominal pain) and joint pains.
  - • A variety of skin rashes or reactions have occurred in some patients. These may appear as flaking skin, a red rash or fever accompanied by rapid heart rate and severe rash with blistering. Other reactions may include inflammation of salivary glands (causing facial pains), inflammation of the pancreas gland (causing severe abdominal pain) and joint pains.
  - • Raised pressure in the skull (causing severe headaches)
  - • Urinary infection by germs which are not sensitive to Nitrofurantoin.
  - • Inflammation of small blood vessel walls, causing skin lesions
  - • Liver inflammation due to turn of immune system against liver cells
  - • Inflammation of kidney tissue surrounding tubules, causing renal impairment

5. HOW TO TAKE NITROFURANTOIN 100MG PROLONGED-RELEASE CAPSULES

- Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure.
- The usual doses are:
  - • Treatment of bladder infections: One capsule twice a day for seven days
  - • Prevention of bladder infections during surgery: One capsule twice a day on the day of the operation and three days thereafter.

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 MHRA yellow card scheme website: www.mhra.gov.uk/yellowcard or search for MHRA Yellow Card in the Google Play or Apple App Store.

By reporting side effects you can help provide more information on the safety of this medicine.
6. CONTENTS OF THE PACK AND OTHER INFORMATION

What Nitrofurantoin 100mg Prolonged-Release Capsules contains:
The active substance is 100mg nitrofurantoin in each capsule.
The other ingredients are talc, corn starch, lactose, carbopol, povidone, sugar and magnesium stearate.
The capsule shell contains gelatin, quinoline yellow (E104), titanium dioxide (E171) and FD&C Blue No.2 (E132). The printing ink contains shellac, propylene glycol (E1520), titanium dioxide (E171), black iron oxide (E172), ammonium hydroxide (E527) and simethicone.

What Nitrofurantoin 100mg Prolonged-Release Capsules looks like and contents of the pack:
Nitrofurantoin 100mg Prolonged-Release Capsules has an opaque blue cap and opaque yellow body and bears the monogram “GS 100”.
The capsules are available in blister strips of 14.

Marketing Authorisation Holder:
Mercury Pharmaceuticals Ltd, Capital House, 85 King William Street, London EC4N 7BL, UK

Manufacturer:
Famar Italia S.P.A, Via Zambeletti, 25, Baranzate, 20021, Italy

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