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2. Macrochantin

Macrochantin

Generic name: [nitrofurantoin](#) [NYE-troe-fure-AN-toyn]

Brand names: [Macrobid](#), Macrochantin

Drug class: [Urinary anti-infectives](#)



[Medically reviewed](#) by Drugs.com on May 14, 2024. Written by [Cerner Multum](#).

[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#) [FAQ](#)

What is Macrochantin?

Macrochantin is an [antibiotic](#) that is used in adults and children at least 1 month old to treat or prevent urinary tract infections caused by certain bacteria.

Macrochantin may also be used for purposes not listed in this medication guide.

Macrochantin side effects

Get emergency medical help if you have **signs of an allergic reaction** (hives, difficult breathing, swelling in your face or throat) or a **severe skin reaction** (fever, [sore throat](#), burning eyes, skin pain, red or purple skin rash with blistering and peeling).

Macrochantin can cause rare but serious lung problems. Call your doctor at once if you have: feeling short of breath on exertion, [wheezing](#), chest pain or discomfort, dry cough or hack, feeling weak or tired, loss of appetite, rapid [weight loss](#), chills, or fever.

Macrochantin may cause serious side effects. Call your doctor at once if you have:

- severe stomach pain, [diarrhea](#) that is watery or bloody (even if it occurs months after your last dose);
- pain and burning when you urinate;
- numbness, tingling, or burning pain in your hands or feet;
- pale skin, confusion or weakness; or
- **liver problems**--loss of appetite, nausea, [vomiting](#), stomach pain (upper right side), tiredness, itching, dark urine, clay-colored stools, [jaundice](#) (yellowing of the skin or eyes).

Common side effects of Macrochantin may include:

- nausea, vomiting, loss of appetite;
- dizziness, [vertigo](#) (spinning sensation), [headache](#);

- unusual or involuntary eye movements;
- lung or liver problems;
- rash, itching;
- numbness, tingling, or burning pain in your hands or feet;
- gas; or
- abnormal blood tests.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Macrodantin side effects](#) (more detail)

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Warnings

You should not take Macrochantin if you have severe kidney disease, urination problems, or a history of jaundice or liver problems caused by this medicine.

Do not take Macrochantin during late pregnancy (from 38 weeks through delivery).

Before taking this medicine

You should not take Macrochantin if you are allergic to it, or if you have:

- a history of jaundice or liver problems caused by taking Macrochantin;
- problems with urination (little or no urination); or
- severe kidney disease.

Do not take Macrochantin during late pregnancy (from 38 weeks through delivery).

Do not give Macrochantin to children younger than 1 month old.

Tell your doctor if you have or ever had:

- anemia (low red blood cells);
- [diabetes](#);
- an electrolyte imbalance or vitamin B deficiency;
- a genetic enzyme deficiency called [glucose](#)-6-phosphate dehydrogenase (G6PD) deficiency;
- any other medical condition;
- liver problems; or
- kidney disease.

It is not known if Macrochantin will harm an unborn baby. Tell your doctor if you are pregnant or plan to become pregnant.

You should not breastfeed a baby under 1 month old or who has a glucose-6-phosphate dehydrogenase (G6PD) deficiency.

How should I take Macrochantin?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Use the medicine exactly as directed.

Your dose needs may change if you switch to a different brand, strength, or form of this medicine. **Avoid medication errors by using exactly as directed on the label, or as prescribed by your doctor.**

Take with food.

Doses are based on weight in children. Your child's dose may change if the child gains or loses weight.

Shake the **oral suspension** (liquid). Measure a dose with the supplied measuring device (not a kitchen spoon).

Keep using this medicine even if your symptoms quickly improve. Skipping doses could make your [infection](#) resistant to medication. Macrochantin will not treat a [viral infection](#) (flu or a [common cold](#)).

Call your doctor if your symptoms do not improve, or if they get worse.

Macrochantin may darken your urine to a brown color. This is normal and is not harmful.

This medicine can affect the results of certain medical tests. Tell any doctor who treats you that you are using Macrochantin.

If you use this medicine long-term, you may need frequent medical tests including blood tests to check your kidney function.

Antibiotic medicines can cause diarrhea. **Tell your doctor if you have diarrhea that is watery or bloody.**

Store tightly closed at room temperature, away from moisture and heat. Protect from light. Use the **oral suspension** within 30 days. Throw away any medicine not used within that time. Do not freeze the **oral suspension**.

 [Detailed Macrochantin dosage information](#)

What happens if I miss a dose?

Take the medicine as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** take two doses at one time.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

What should I avoid while taking Macrochantin?

Ask your doctor before taking an antacid that contains magnesium trisilicate, and take only the type your doctor recommends.

What other drugs will affect Macrochantin?

Tell your doctor about all your other medicines, especially:

- [probenecid](#); or
- [sulfipyrazone](#).

This list is not complete. Other drugs may affect Macrochantin, including prescription and over-the-counter medicines, [vitamins](#), and [herbal products](#). Not all possible [drug interactions](#) are listed here.

i [Macrochantin drug interactions](#) (more detail)

Does Macrochantin interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

Macrochantin

+

Enter a drug name

Add

Frequently asked questions

- [What is "dual release" nitrofurantoin?](#)
- [What antibiotics are used to treat UTI?](#)

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Patient resources

Other brands

[Macrobid, Furadantin](#)

Professional resources

- [Macrodan tin prescribing information](#)
- [Nitrofurantoin \(AHFS Monograph\)](#)

Other brands

[Macrobid, Furadantin](#)

Related treatment guides

- [Urinary Tract Infection](#)
- [Prevention of Bladder infection](#)
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Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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[Antibiotics for a Tooth Infection](#)

[Antibiotics for UTI's](#)

DRUG STATUS

Availability

Rx Prescription only

[Pregnancy & Lactation](#)

 Risk data available

CSA Schedule*

N/A Not a controlled drug



Approval History

 Drug history at FDA



User Reviews & Ratings

5.3 / 10

[48 Reviews](#)

Images

[Macrochantin 100 mg \(MACRODANTIN 100 mg 52427-288\)](#)



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