

Get Consumer Health Updates on Drugs.com

In partnership with



View Updates

ADVERTISEMENT



enter a search term

Search

Browse all medications A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Advanced Search Phonetic Search

Drugs A to Z Pill Identifier Interactions Checker News & Alerts Health Professionals Community

Mednotes

Drugs A to Z Drugs by Condition Drugs by Class Side Effects Dosage Pregnancy Natural Products Vet Drugs Symptom Checker Harvard Health Topics

Home > Drugs by Condition > U > Urinary Tract Infection > Doxycycline > MedFacts

Print Save or Share

Sign In or Register

Forgot password?

username

password

Sign In

# Doxycycline Hyclate

Pronunciation: DOX-i-SYE-kleen HYE-klate

Generic Name: Doxycycline Hyclate

Brand Name: Examples include Vibra-Tabs and Vibramycin

Ads by Google

Dosing Information

www.PfizerPro.com Get Dosing Info & Other Resources for a Pfizer Medication.

Symptoms of GERD

www.AcidRefluxLife.com/GERD Learn more about the Symptoms of GERD. Sign up today. Save up to \$55

"10 Best Acne Treatments"

www.AcneTreatmentsOnline.com/Top-10 Eliminate Acne in 7 Days or Less! 2011's Top Acne Treatments Revealed

## Related Doxycycline Information



Approval History  
Drug history at FDA



Pregnancy Category  
Positive evidence of risk



Availability  
Prescription only



CSA Schedule  
Not a controlled drug



This document is intended to supplement, not substitute the expertise and judgement of your physician, pharmacist or other healthcare professional. It should not be construed to indicate that the use of the drug is safe, appropriate or effective for you. Consult your healthcare professional before taking this drug.

Reviews Average User Rating

105 User Reviews 7.3 Rate it!

Related Pages

Pregnancy & Breastfeeding Drug Interactions  
Dosage Information Drug Images  
Support Group Q & A

Drug Class

Miscellaneous antimalarials  
Tetracyclines

ADVERTISEMENT



Related Drugs

Urinary Tract Infection  
ciprofloxacin, amoxicillin, doxycycline, Levaquin, Augmentin, sulfamethoxazole/trimethoprim, More...

Acne  
doxycycline, clindamycin topical, erythromycin topical, tetracycline topical, minocycline, More...

Bacterial Infection  
ciprofloxacin, amoxicillin, doxycycline, cephalexin, metronidazole, Levaquin, More...

## Doxycycline Hyclate is used for:

Treating certain bacterial infections. It may be used in combination with other medicines to treat acne or certain amoeba infections. It may be used to prevent certain types of malaria in travelers who will be visiting malaria-infected areas for less than 4 months. It may also be used to prevent or slow the progression of anthrax after exposure.

Doxycycline Hyclate is a tetracycline antibiotic. It works by slowing the growth of bacteria. Slowing the bacteria's growth allows the body's immune system to destroy the bacteria.

## Do NOT use Doxycycline Hyclate if:

- you are allergic to any ingredient in Doxycycline Hyclate or to another tetracycline (eg, minocycline)
- you are taking acitretin, isotretinoin, or a penicillin (eg, amoxicillin)
- you have recently received or will be receiving a live oral typhoid vaccine

ADVERTISEMENT



Contact your doctor or health care provider right away if any of these apply to you.

## Before using Doxycycline Hyclate:

Some medical conditions may interact with Doxycycline Hyclate. Tell your doctor or pharmacist if you have any medical conditions, especially if any of the following apply to you:

- if you are pregnant, planning to [become pregnant](#), or are breast-feeding
  - if you are taking any prescription or nonprescription medicine, herbal preparation, or dietary supplement
  - if you have allergies to medicines, foods, or other substances
  - if you have diarrhea, a history of lupus, or the blood disease porphyria
- Some MEDICINES MAY INTERACT with Doxycycline Hyclate. Tell your health care provider if you are taking any other medicines, especially any of the following:

- Barbiturates (eg, phenobarbital), carbamazepine, hydantoins (eg, phenytoin), iron, or urinary alkalinizers (eg, sodium bicarbonate) because they may decrease Doxycycline Hyclate's effectiveness
- Acitretin, anticoagulants (eg, warfarin), digoxin, isotretinoin, methotrexate, or methoxyflurane because the side effects and toxic effects may be increased by Doxycycline Hyclate
- Live oral typhoid vaccine, hormonal birth control (eg, [birth control pills](#)), or penicillins (eg, amoxicillin) because their effectiveness may be decreased by Doxycycline Hyclate

This may not be a complete list of all interactions that may occur. Ask your health care provider if Doxycycline Hyclate may interact with other medicines that you take. Check with your health care provider before you start, stop, or change the dose of any medicine.

Ads by Google

### Acne Injections

Injections for cystic acne. Board Certified Physician. Free consults.  
[www.ThriveMedSpa.com/Acne](http://www.ThriveMedSpa.com/Acne)

### Acne Drug Urgent Recall

With over 25yrs experience & \$1B in claims, Goldenberg Heller can help  
[GoldenbergHeller.com/AcneDrugLawyer](http://GoldenbergHeller.com/AcneDrugLawyer)

### "They" Knew the Risks

Manufacturers Sold Dangerous Acne Drug - Call Exp Attorneys For Help!  
[IBDandCrohns.com](http://IBDandCrohns.com)

## How to use Doxycycline Hyclate:

Use Doxycycline Hyclate as directed by your doctor. Check the label on the medicine for exact dosing instructions.

- Take Doxycycline Hyclate by mouth with or without [food](#). If stomach upset occurs, take with food to reduce stomach irritation.
- Do not take an antacid that has aluminum, calcium, or magnesium in it; bismuth-containing products; iron; urinary alkalinizers (eg, sodium bicarbonate); or multivitamins with minerals within 2 hours before or 2 hours after you take Doxycycline Hyclate.
- To clear up your infection completely, take Doxycycline Hyclate for the full course of treatment. Keep taking it even if you feel better in a few days.
- Drink plenty of fluids with Doxycycline Hyclate to wash it down and avoid the risk of throat irritation.

### Related Video



#### Diabetes

Why managing blood sugar is so important.

▶ Click to Play



Rosacea  
doxycycline, metronidazole topical, Vibramycin, Doryx, MetroGel, Lotemax, More...

▶ 48 more conditions...

### FDA Consumer Updates

- [FDA Intends to Remove Unapproved Drugs from Market](#)
- [Beware of Fraudulent Weight-Loss 'Dietary Supplements'](#)
- [A Guide to Safe Use of Pain Medicine](#)
- [The Possible Dangers of Buying Medicines Over the Internet](#)

[More FDA Updates...](#)

### Drug Images



Doxycycline hyclate 20 mg



Doxycycline hyclate 50 mg

🔍 [View all 75 images](#)

### Get Updates by Email

Email me about doxycycline systemic:

News and Warnings related to this drug

Also send the Drugs.com monthly newsletter  
FDA Medwatch Alerts for all medications

### Related News and Articles

#### [Smarten Up About Antibiotics, CDC Urges](#)

18 Nov 2010

Knowing when t can help fight the rise of deadly "superbugs," say experts at the U.S. Centers for Disease Control and Prevention. About half of antibiotics ...

- Do not use Doxycycline Hyclate if it is outdated or has been stored incorrectly.
- If you are taking Doxycycline Hyclate to prevent malaria, you should begin to take it 1 to 2 days before you travel to the malaria-infected area. You will need to keep taking it for 4 weeks after you leave the area. Discuss any questions with your doctor.
- If you miss a dose of Doxycycline Hyclate, take it as soon as possible. If it is almost time for your next dose, skip the missed dose and go back to your regular dosing schedule. Do not take 2 doses at once.

Ask your health care provider any questions you may have about how to use Doxycycline Hyclate.

## Important safety information:

- Be sure to use Doxycycline Hyclate for the full course of treatment. If you do not, the medicine may not clear up your infection completely. The bacteria could also become less sensitive to this or other medicines. This could make the infection harder to treat in the future.
- Doxycycline Hyclate only works against bacteria; it does not treat viral infections (eg, the common cold).
- Long-term or repeated use of Doxycycline Hyclate may cause a second infection. Tell your doctor if signs of a second infection occur. Your medicine may need to be changed to treat this.
- If you are taking Doxycycline Hyclate to prevent malaria, please note that no malaria medicine, including Doxycycline Hyclate, guarantees protection against malaria. Stay in well-screened areas, use mosquito nets, cover the body with clothing, and use insect repellent to avoid being bitten by mosquitoes.
- Hormonal birth control (eg, birth control pills) may not work as well while you are using Doxycycline Hyclate. To prevent pregnancy, use an extra [form of birth control](#) (eg, condoms).
- Doxycycline Hyclate may cause you to become sunburned more easily. Avoid the sun, sunlamps, or tanning booths until you know how you react to Doxycycline Hyclate. Use a sunscreen or wear protective clothing if you must be outside for more than a short time.
- Mild diarrhea is common with antibiotic use. However, a more serious form of diarrhea (pseudomembranous colitis) may rarely occur. This may develop while you use the antibiotic or within several months after you stop using it. Contact your doctor right away if stomach pain or cramps, severe diarrhea, or blood stools occur. Do not treat diarrhea without first checking with your doctor.
- Do not take more than the recommended dose or take Doxycycline Hyclate for longer than prescribed without checking with your doctor.
- Tell your doctor or dentist that you take Doxycycline Hyclate before you receive any medical or [dental care](#), emergency care, or surgery.
- Doxycycline Hyclate may interfere with certain lab tests. Be sure your doctor and lab personnel know you are taking Doxycycline Hyclate.
- Lab tests, including liver function, kidney function, and complete blood cell counts, may be performed while you use Doxycycline Hyclate. These tests may be used to monitor your condition or check for side effects. Be sure to keep all doctor and lab appointments.
- Use Doxycycline Hyclate with extreme caution in CHILDREN younger than 10 years old who have diarrhea or an infection of the stomach or bowel.
- Doxycycline Hyclate should not be used in CHILDREN younger than 8 years old; permanent yellow-gray-brown [tooth](#) discoloration may occur.
- **PREGNANCY** and **BREAST-FEEDING**: Doxycycline Hyclate has been shown to cause harm to the fetus. If you think you may be pregnant, contact your doctor. You will need to discuss the benefits and risks of using Doxycycline Hyclate while you are pregnant. Doxycycline Hyclate is found in breast milk. Do not breast-feed while taking Doxycycline Hyclate.

## Possible side effects of Doxycycline Hyclate:

All medicines may cause side effects, but many people have no, or minor, side effects. Check with your doctor if any of these most COMMON side effects persist or become bothersome:

### A Radical Plan To Save Antibiotics

7 Sep 2010

From Guardian Web (September 7, 2010) What are we to do about the diminishing power of antibiotics - once the miracle drugs that looked set to end ...

### Antibiotic Resistance Can Last a Year, Review Finds

19 May 2010

Some patients who take antibiotics may become resistant to them and stay that way for as long as a year, a new review finds. The researchers analyzed 24 ...

### Low-Dose Antibiotics May Promote Drug Resistance

15 Feb 2010

U.S. scientists have discovered another way that improper antibiotic use can lead to the development of dangerous multidrug-resistant ...

### Antibiotics Bought Easily on the Internet

2 Feb 2010

Consumers who decide on their own that they need antibiotics can easily find and buy the medications on the Internet, without the benefit of a prescription, ...

## Related Questions & Answers

- [Doxy Lemmon - Can Doxycycline 100mg be taken to help infections of the gums of the mouth?](#)
- [Doxy Lemmon - can I drink caffeine with the anti-biotic?](#)

[▶ More doxycycline systemic questions](#)

#### ADVERTISEMENT

#### [Lower Your Blood Pressure - The All Natural Way](#)

The only non-drug medical device clinically proven to lower blood pressure [www.resperate.com](#)

#### [\\$350,000 in Life Insurance](#)

Protect Your Family Today. Coverage as low as \$13.04/month. Free Quote Here [BestQuoteMarket.com](#)

#### [Weight Loss Medicine](#)

Immediate weight loss - reduces fat absorption - less fat means less pounds [www.pharmcom.com](#)

Loss of appetite; nausea; sensitivity to sunlight; vomiting.

Seek medical attention right away if any of these SEVERE side effects occur:

Severe allergic reactions (rash; hives; itching; difficulty breathing; tightness in the chest; swelling of the [mouth](#), face, lips, or tongue; unusual hoarseness); bloody stools; chest pain; dark urine; decreased urination; fever, chills, or sore throat; moderate to severe sunburn; severe diarrhea; severe or persistent headache; stomach pain or cramps; throat irritation; trouble swallowing; unusual bruising or bleeding; unusual joint pain; unusual tiredness; vaginal irritation or discharge; vision changes; yellowing of the skin or eyes.

This is not a complete list of all side effects that may occur. If you have questions about side effects, contact your health care provider. Call your doctor for medical advice about side effects. To report side effects to the appropriate agency, please read the [Guide to Reporting Problems to FDA](#).

---

[Ads by Google](#)

[Treat Acne](#)

Smoothbeam Laser for Severe Acne and Acne Scars. See Photos Online  
[www.lakeviewderm.com/acne-treatment](http://www.lakeviewderm.com/acne-treatment)

[Superbugs vs. antibiotics](#)

Misuse of antibiotics breeds drug-resistant diseases  
[www.saveantibiotics.org](http://www.saveantibiotics.org)

[Diarrhea Causes & Cures](#)

Explore The Causes & Treatment Options For Diarrhea From Experts.  
[HealthDesk.com](http://HealthDesk.com)

---

## If OVERDOSE is suspected:

Contact 1-800-222-1222 (the American Association of Poison Control Centers), your local [poison control center](#), or emergency room immediately.

Proper storage of Doxycycline Hyclate:

Store Doxycycline Hyclate at room temperature, between 59 and 86 degrees F (15 and 30 degrees C). Store away from heat, moisture, and light. Do not store in the bathroom. Keep Doxycycline Hyclate out of the reach of children and away from pets.

## General information:

- If you have any questions about Doxycycline Hyclate, please talk with your doctor, pharmacist, or other health care provider.
- Doxycycline Hyclate is to be used only by the patient for whom it is prescribed. Do not share it with other people.
- If your symptoms do not improve or if they become worse, check with your doctor.
- Check with your pharmacist about how to dispose of unused medicine.

This information is a summary only. It does not contain all information about Doxycycline Hyclate. If you have questions about the medicine you are taking or would like more information, check with your doctor, pharmacist, or other health care provider.

---

Issue Date: March 2, 2011

Database Edition 11.1.1.003

Copyright © 2011 Wolters Kluwer Health, Inc.

---

[Ads by Google](#)

[ZENMED® Acne Solution](#)

Rid Your Skin of Acne With ZenMed®'s Acne Therapy System!  
[ZENMED.com/Acne](http://ZENMED.com/Acne)

[How To Stay Asleep](#)

Try This Unique Formula. All Natural, Safe, and Effective

[www.PeakLife.com/TrySomnapure](http://www.PeakLife.com/TrySomnapure)

 [Printable Version](#)  [Email](#) [Recommend](#)  [Tweet](#)  [Save or Share](#)

## More Doxycycline Hyclate resources

- [Doxycycline Hyclate Dosage](#)
- [Doxycycline Hyclate Use in Pregnancy & Breastfeeding](#)
- [Drug Images](#)
- [Doxycycline Hyclate Drug Interactions](#)
- [Doxycycline Hyclate Support Group](#)
- [105 Reviews for Doxycycline Hyclate - Add your own review/rating](#)

**Professional** [Doxycycline Hyclate Monograph](#) (AHFS DI)

**Professional** [Doxycycline Professional Patient Advice](#) (Wolters Kluwer)

**Professional** [Doxycycline Monograph](#) (AHFS DI)

**Professional** [Doxycycline Prescribing Information](#) (FDA)

**Advanced** [Adoxa Advanced Consumer](#) (Micromedex) - Includes Dosage Information

**Professional** [Doryx Prescribing Information](#) (FDA)

**Professional** [Monodox Prescribing Information](#) (FDA)

**Concise** [Oracea Consumer Overview](#)

**Professional** [Oracea Prescribing Information](#) (FDA)

**Professional** [Periostat Prescribing Information](#) (FDA)

**Professional** [Vibramycin Prescribing Information](#) (FDA)

## Compare Doxycycline Hyclate with other medications

- |  |  |
|--|--|
| • <a href="#">Acne</a>                                     | • <a href="#">Actinomycosis</a>                      |
| • <a href="#">Amebiasis</a>                                | • <a href="#">Anthrax</a>                            |
| • <a href="#">Anthrax Prophylaxis</a>                      | • <a href="#">Bacterial Infection</a>                |
| • <a href="#">Bartonellosis</a>                            | • <a href="#">Bronchitis</a>                         |
| • <a href="#">Brucellosis</a>                              | • <a href="#">Bullous Pemphigoid</a>                 |
| • <a href="#">Chlamydia Infection</a>                      | • <a href="#">Cholera</a>                            |
| • <a href="#">Cutaneous Bacillus anthracis</a>             | • <a href="#">Ehrlichiosis</a>                       |
| • <a href="#">Enterocolitis</a>                            | • <a href="#">Epididymitis, Sexually Transmitted</a> |
| • <a href="#">Gastroenteritis</a>                          | • <a href="#">Granuloma Inguinale</a>                |
| • <a href="#">Inclusion Conjunctivitis</a>                 | • <a href="#">Lyme Disease</a>                       |
| • <a href="#">Lyme Disease, Arthritis</a>                  | • <a href="#">Lyme Disease, Carditis</a>             |
| • <a href="#">Lyme Disease, Erythema Chronicum Migrans</a> | • <a href="#">Lyme Disease, Neurologic</a>           |
| • <a href="#">Malaria</a>                                  | • <a href="#">Lymphogranuloma Venereum</a>           |
| • <a href="#">Meliodosis</a>                               | • <a href="#">Malaria Prevention</a>                 |
| • <a href="#">Nongonococcal Urethritis</a>                 | • <a href="#">Mycoplasma Pneumonia</a>               |
| • <a href="#">Pelvic Inflammatory Disease</a>              | • <a href="#">Ornithosis</a>                         |
| • <a href="#">Pemphigus</a>                                | • <a href="#">Pemphigoid</a>                         |
| • <a href="#">Plague</a>                                   | • <a href="#">Periodontitis</a>                      |
| • <a href="#">Pneumonia</a>                                | • <a href="#">Pleural Effusion</a>                   |
| • <a href="#">Prostatitis</a>                              | • <a href="#">Proctitis</a>                          |
| • <a href="#">Rabbit Fever</a>                             | • <a href="#">Psittacosis</a>                        |
| • <a href="#">Rickettsial Infection</a>                    | • <a href="#">Rheumatoid Arthritis</a>               |
| • <a href="#">Skin Infection</a>                           | • <a href="#">Rosacea</a>                            |
|  | • <a href="#">STD Prophylaxis</a>                    |

[Syphilis. Early](#)

[Syphilis. Latent](#)

• [Tertiary Syphilis](#)

• [Trachoma](#)

• [Upper Respiratory Tract Infection](#)

• [Urinary Tract Infection](#)

Q enter a search term

Search

[Ads by Google](#)

[Malaria](#)

[Doxycycline](#)

[Side Effects](#)

[Diarrhea Treat](#)

Support

About Drugs.com

Your Privacy

- [Advertise With Us](#)
- [Frequently Asked Questions](#)
- [Pharmaceutical Companies](#)
- [Widgets for your Website](#)
- [Content Submissions](#)
- [About Drugs.com](#)
- [Contact Us](#)
- [Sitemap](#)

Follow us on:  

Drugs.com provides accurate and independent information on more than 24,000 prescription drugs, over-the-counter medicines & natural products. This material is provided for educational purposes only and is not to be used for medical advice, diagnosis or treatment.

Data sources include Micromedex™ (updated Feb 3rd, 2011), Cerner Multum™ (updated Mar 18th, 2011), Wolters Kluwer™ (updated Mar 5th, 2011) and others. To view content sources and attributions, refer to our [editorial policy](#).

Copyright © 2000-2011 Drugs.com. All rights reserved.



**TRUSTe**  
CERTIFIED PRIVACY  
Verify Here



We comply with the HONcode standard for trustworthy health information.  
[Verify here](#)



Ad Choices

[Terms of Use](#) · [Privacy Policy](#)

(web4)