

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use DOXYCYCLINE HYCLATE TABLETS, safely and effectively. See full prescribing information for DOXYCYCLINE HYCLATE TABLETS.

DOXYCYCLINE HYCLATE TABLETS, for oral use
Initial U.S. Approval: 1967

INDICATIONS AND USAGE

Doxycycline hyclate tablets are tetracycline class drugs indicated for:

- Rickettsial infections (1.1)
Sexually transmitted infections (1.2)
Respiratory tract infections (1.3)
Specific bacterial infections (1.4)
Ophthalmic infections (1.5)
Anthrax, including inhalational anthrax (post-exposure) (1.6)
Alternative treatment for selected infections when penicillin is contraindicated (1.7)
Adjunctive therapy for acute intestinal amebiasis and severe acne (1.8)
Prophylaxis of malaria (1.9)

To reduce the development of drug-resistant bacteria and maintain the effectiveness of doxycycline hyclate tablets and other antibacterial drugs, doxycycline hyclate tablets should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria. (1.10)

DOSE AND ADMINISTRATION

- Important Administration Instructions for doxycycline hyclate tablets
Doxycycline hyclate tablets (150 mg) can be broken into two-thirds or one-third to provide a 50 mg and 100 mg strength, respectively. (2.1)
Dosage in Adults for doxycycline hyclate tablets
The usual dosage is 200 mg on the first day of treatment (administered 100 mg every 12 hours) followed by a maintenance dose of 100 mg daily. (2.1)
In the management of more severe infections (particularly chronic infections of the urinary tract), 100 mg every 12 hours is recommended. (2.1)

- Dosage in Pediatric Patients for doxycycline hyclate tablets
For all pediatric patients weighing less than 45 kg with severe or life-threatening infections (e.g., anthrax, Rocky Mountain spotted fever), the recommended dose is 2.2 mg per kg of body weight administered every 12 hours. Pediatric patients weighing 45 kg or more should receive the adult dose. (2.2)
For pediatric patients with less severe disease (greater than 8 years of age and weighing less than 45 kg), the recommended dose is 4.4 mg per kg of body weight divided into two doses on the first day of treatment, followed by a maintenance dose of 2.2 mg per kg of body weight (given as a single daily dose or divided into two doses. For pediatric patients weighing over 45 kg, the usual adult dose should be used. (2.13)

See Full Prescribing Information for additional indication specific dosage information and important administration instructions for doxycycline hyclate tablets. (2.1, 2.4, 2.5)

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DOSAGE FORMS AND STRENGTHS

- Doxycycline hyclate tablets: 75 mg and 150 mg (functionally scored) (3)

CONTRAINDICATIONS

Doxycycline hyclate tablets are contraindicated in persons who have shown hypersensitivity to any of the tetracyclines. (4)

WARNINGS AND PRECAUTIONS

- The use of drugs of the tetracycline-class during tooth development (last half of pregnancy, infancy and childhood to the age of 8 years) may cause permanent discoloration of the teeth (yellow-gray-brown). (2.2, 5.1)
Clostridium difficile-associated diarrhea (CDAD) has been reported. Evaluate patients if diarrhea occurs. (5.2)
Photosensitivity manifested by an exaggerated sunburn reaction has been observed in some individuals taking tetracyclines. Limit sun exposure. (5.3)
Overgrowth of non-susceptible organisms, including fungi, may occur. If such infections occur, discontinue use and institute appropriate therapy. (5.4)

ADVERSE REACTIONS

Adverse reactions observed in patients receiving tetracyclines include anorexia, nausea, vomiting, diarrhea, rash, photosensitivity, urticaria, and hemolytic anemia. (6)

To report SUSPECTED ADVERSE REACTIONS, contact Mayne Pharma at 1-844-825-8500, or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- Patients who are on anticoagulant therapy may require downward adjustment of their anticoagulant dosage. (7.1)
Avoid co-administration of tetracyclines with penicillin. (7.2)
Absorption of tetracyclines, including doxycycline hyclate tablets is impaired by antacids containing aluminum, calcium, or magnesium, bismuth subsalicylate and iron-containing preparations. (7.3)
Concurrent use of tetracyclines, including doxycycline hyclate tablets may render oral contraceptives less effective. (7.4)
Barbiturates, carbamazepine and phenytoin decrease the half-life of doxycycline. (7.5)

USE IN SPECIFIC POPULATIONS

- Tetracycline-class drugs can cause fetal harm when administered to a pregnant woman, but data for doxycycline are limited. (5.6, 8.1)
Tetracyclines are excreted in human milk; however, the extent of absorption of doxycycline in the breastfed infant is not known. Doxycycline hyclate tablets used during nursing should be avoided if possible. (8.3)

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 05/2017

- In the management of more severe infections (particularly chronic infections of the urinary tract), 100 mg every 12 hours is recommended.
For certain selected specific indications, the recommended duration of dosage and duration of doxycycline hyclate tablets in adult patients are as follows:

- 1. Straptococcal infections, therapy should be continued for 10 days.
2. Uncomplicated urethral, endocervical, or rectal infection caused by Chlamydia trachomatis: 100 mg by mouth twice a day for 7 days.
3. Uncomplicated gonococcal infections in adults (except anorectal infections in men): 100 mg, by mouth, twice a day for 7 days. As an alternate single visit dose, administer 300 mg stat followed in one hour by a second 300 mg dose.
4. Nongonococcal urethritis (NGU) caused by C. trachomatis and U. urealyticum: 100 mg by mouth twice a day for 7 days.
5. Syphilis - early: Patients who are allergic to penicillin should be treated with doxycycline 100 mg by mouth twice a day for 2 weeks.
6. Syphilis of more than one year's duration: Patients who are allergic to penicillin should be treated with doxycycline 100 mg by mouth twice a day for 4 weeks.
7. Acute epididymo-orchitis caused by N. gonorrhoeae: 100 mg by mouth, twice a day for at least 10 days.
8. Acute epididymo-orchitis caused by C. trachomatis: 100 mg, by mouth, twice a day for at least 10 days.

Dosage in Pediatric Patients

- For all pediatric patients weighing less than 45 kg with severe or life threatening infections (e.g., anthrax, Rocky Mountain spotted fever), the recommended dosage of doxycycline hyclate tablets is 2.2 mg per kg of body weight administered every 12 hours. Pediatric patients weighing 45 kg or more should receive the adult dose [see Warnings and Precautions (5.1)].
For pediatric patients with less severe disease (greater than 8 years of age and weighing less than 45 kg), the recommended dosage schedule of doxycycline hyclate tablets is 4.4 mg per kg of body weight divided into two doses on the first day of treatment, followed by a maintenance dose of 2.2 mg per kg of body weight (given as a single daily dose or divided into twice daily doses). For pediatric patients weighing over 45 kg, the usual adult dose should be used.

Dosage for Prophylaxis of Malaria

For adults, the recommended dose of doxycycline hyclate tablets is 100 mg daily. For pediatric patients 8 years of age and older, the recommended dosage of doxycycline hyclate tablets is 2 mg per kg of body weight administered once daily. Pediatric patients weighing 45 kg or more should receive the adult dose.

Prophylaxis should begin 1 or 2 days before travel to the malarious area. Prophylaxis should be continued daily during travel in the malarious area and for 4 weeks after the traveler leaves the malarious area.

Dosage for Inhalational Anthrax (Post-Exposure)

For adults, the recommended dosage is 100 mg of doxycycline hyclate tablets, by mouth, twice a day for 60 days.

For pediatric patients weighing less than 45 kg, the recommended dosage of doxycycline hyclate tablets is 2.2 mg per kg of body weight, by mouth, twice a day for 60 days. Pediatric patients weighing 45 kg or more should receive the adult dose.

DOSAGE FORMS AND STRENGTHS

Doxycycline hyclate tablets: 75 mg and 150 mg (functionally scored) (3)
Doxycycline hyclate tablets, 75 mg are round, convex, blue colored, film-coated tablets, debossed with 75 on one side and plain on the other (each tablet contains 75 mg doxycycline as 86.6 mg doxycycline hyclate).
Doxycycline hyclate tablets, 150 mg are oval-shaped, convex, mossy-green, film-coated tablets. Each side of the functionally scored tablet has two parallel score lines for splitting into 3 equal portions with "m" debossed on each portion of one side of the tablet, and no debossing on the other (each tablet contains 150 mg doxycycline as 173.2 mg doxycycline hyclate).

CONTRAINDICATIONS

Doxycycline hyclate tablets are contraindicated in persons who have shown hypersensitivity to any of the tetracyclines.

WARNINGS AND PRECAUTIONS

- Tooth Development
The use of drugs of the tetracycline-class during tooth development (last half of pregnancy, infancy and childhood to the age of 8 years) may cause permanent discoloration of the teeth (yellow-gray-brown). This adverse reaction is more common during long-term use of the drugs but it has been observed following repeated short-term courses. Enamel hypoplasia has also been reported. Use doxycycline hyclate tablets in pediatric patients 8 years of age or less only when the potential benefits are expected to outweigh the risks in severe or life-threatening conditions (e.g., anthrax, Rocky Mountain spotted fever), particularly when there are no alternative therapies.

Clostridium difficile Associated Diarrhea
Clostridium difficile associated diarrhea (CDAD) has been reported with use of nearly all antibacterial agents, including doxycycline hyclate tablets, and may range in severity from mild diarrhea to fatal colitis. Treatment with antibacterial agents alters the normal flora of the colon leading to overgrowth of C. difficile.

C. difficile produces toxins A and B which contribute to the development of CDAD. Hypertoxin producing strains of C. difficile cause increased morbidity and mortality, as these infections can be refractory to antibacterial therapy and may require colectomy. CDAD must be considered in all patients who present with diarrhea following antibacterial use. Careful medical history is necessary since CDAD has been reported to occur two months after the administration of antibacterial agents.

If CDAD is suspected or confirmed, ongoing antibiotic use not directed against C. difficile may need to be discontinued. Appropriate fluid and electrolyte management, protein supplementation, antibacterial treatment of C. difficile, and surgical evaluation should be instituted as clinically indicated.

Photosensitivity

Photosensitivity manifested by an exaggerated sunburn reaction has been observed in some individuals taking tetracyclines. Patients apt to be exposed to direct sunlight or ultraviolet light should be advised that this reaction can occur with tetracycline drugs, and treatment should be discontinued at the first evidence of photosensitivity.

Potential for Microbial Overgrowth

Doxycycline hyclate tablets may result in overgrowth of non-susceptible organisms, including fungi. If such infections occur, discontinue use and institute appropriate therapy.

Intracranial Hypertension

Intracranial hypertension (IH, pseudotumor cerebri) has been associated with the use of tetracyclines including doxycycline hyclate tablets. Clinical manifestations of IH include headache, blurred vision, diplopia, and vision loss; papilloedema can be found on funduscopic. Women of childbearing age who are overweight or have a history of IH are at greater risk for developing tetracycline associated IH. Concomitant use of isotretinoin and doxycycline hyclate tablets should be avoided because isotretinoin is also known to cause pseudotumor cerebri.

Although IH typically resolves after discontinuation of treatment, the possibility for permanent visual loss exists. If visual disturbance occurs during treatment, prompt ophthalmologic evaluation is warranted. Since intracranial pressure can remain elevated for weeks after drug cessation patients should be monitored until they stabilize.

Delayed Skeletal Development

All tetracyclines form a stable calcium complex in any bone-forming tissue. A decrease in fibula growth rate has been observed in premature given oral tetracycline in doses of 25 mg per kg every six hours. This reaction was shown to be reversible when the drug was discontinued.

Results of animal studies indicate that tetracyclines cross the placenta, are found in fetal tissues, and can have toxic effects on the developing fetus (often related to retardation of skeletal development). Evidence of embryotoxicity also has been noted in animals treated early in pregnancy. Tetracycline-class drugs can cause fetal harm when administered to a pregnant woman, but data for doxycycline are limited. If any tetracycline is used during pregnancy or if the patient becomes pregnant while taking these drugs, the patient should be apprised of the potential hazard to the fetus.

Antianabolic Action

The antianabolic action of the tetracyclines may cause an increase in BUN. Studies to date indicate that this does not occur with the use of doxycycline in patients with impaired renal function.

Incomplete Suppression of Malaria

Doxycycline offers substantial but not complete suppression of the asexual blood stages of Plasmodium strains. Doxycycline does not suppress P. falciparum's sexual blood stage gametocytes. Subjects completing this prophylactic regimen may still transmit the infection to mosquitoes outside endemic areas.

Development of Drug-Resistant Bacteria

Prescribing doxycycline hyclate tablets in the absence of a proven or strongly suspected bacterial infection or a prophylactic indication is unlikely to provide benefit to the patient and increases the risk of the development of drug-resistant bacteria.

FDA-Approved Patient Labeling

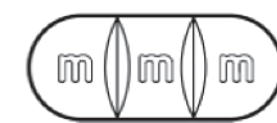
Instructions for Use
Doxycycline hyclate tablets
for oral use

Read this Instructions for Use before you start using doxycycline hyclate tablets and each time you get a refill. There may be new information. This information does not take the place of talking to your healthcare provider about your medical condition or treatment.

Note:

- Your healthcare provider may need to change your dose of doxycycline hyclate tablets during treatment as needed.
Doxycycline hyclate tablets can be taken whole or broken at scored lines.
Doxycycline hyclate tablets are marked with scored lines and may be broken at these scored lines to provide the following doses:

150 mg treatment (take the entire whole tablet)



Full Tablet Top View



Full Tablet Side View



Full Tablet Side View (with Thumb and Index Finger)

100 mg treatment (take two-thirds of the tablet)



Two-thirds Tablet Top View



Two-Thirds Tablet Side View (with Thumb and Index Finger)

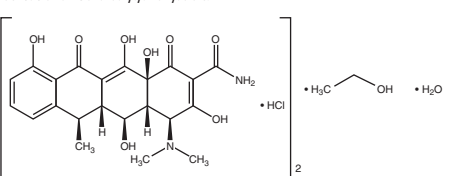


Figure 1: Structure of Doxycycline Hyclate
Doxycycline hyclate is a yellow crystalline powder soluble in water and in solutions of alkali hydroxides and carbonates.
Doxycycline hyclate tablets:
Doxycycline hyclate tablets are available as 75 mg and 150 mg tablets. Each 75 mg tablet contains 86.6 mg of doxycycline hyclate equivalent to 75 mg of doxycycline. Each 150 mg tablet contains 173.2 mg of doxycycline hyclate equivalent to 150 mg of doxycycline.

11.9375"

50 mg treatment (take one-third of the tablet)



One-Third Tablet Top View



One-Third Tablet Side View



One-Third Tablet Side View (with Thumb and Index Finger)

How to break your doxycycline hyclate tablets:

- Hold the tablet between your thumb and index finger close to the scored line for your dose of doxycycline hyclate tablets as shown above.
• Apply enough pressure to break the tablet at the scored line.
• Do not break the doxycycline hyclate tablets in any other way.

Manufactured by:
Mayne Pharma
Greenville, NC 27834



05/2017
61295

This Instructions for Use has been approved by the U.S. Food and Drug Administration.

Rx only

11.9375"

Inactive ingredients in the tablet formulation are: croscarmellose sodium, magnesium stearate, microcrystalline cellulose and sodium lauryl sulfate. Film-coating contains: FD&C Blue No. 1 (75 mg), FD&C Blue No. 2 (150 mg), FD&C Yellow No. 6 (75 mg), iron oxide yellow (150 mg), polyethylene glycol, polyvinyl alcohol, talc and titanium dioxide.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Doxycycline is a tetracycline-class antimicrobial drug [see Microbiology (12.4)].

12.3 Pharmacokinetics

Absorption

Doxycycline hyclate tablets: Following administration of a single 300 mg dose to adult volunteers, average peak plasma doxycycline levels were 3.0 mcg per mL at 3 hours, decreasing to 1.18 mcg per mL at 24 hours. The mean Cmax and AUC0-24 of doxycycline are 24% and 15% lower, respectively, following single dose administration of doxycycline hyclate tablets, 150 mg tablets with a high fat meal (including milk) compared to fasted conditions. The clinical significance of these decreases is unknown.

Excretion

Tetracyclines are concentrated in bile by the liver and excreted in the urine and feces at high concentrations and in a biologically active form.

Excretion of doxycycline by the kidney is about 40% per 72 hours in individuals with a creatinine clearance of about 75 mL per minute. This percentage may fall as low as 1% per 72 hours to 5% per 72 hours in individuals with a creatinine clearance below 10 mL per minute. Studies have shown no significant difference in the serum half-life of doxycycline (range 18 to 22 hours) in individuals with normal and severely impaired renal function. Hemodialysis does not alter the serum half-life.

12.4 Microbiology

Mechanism of Action

Doxycycline inhibits bacterial protein synthesis by binding to the 30S ribosomal subunit. Doxycycline has bacteriostatic activity against a broad range of Gram-positive and Gram-negative bacteria.

Resistance

Cross resistance with other tetracyclines is common.

Antimicrobial Activity

Doxycycline has been shown to be active against most isolates of the following microorganisms, both in vitro and in clinical infections [see Indications and Usage (1)].

Gram-negative Bacteria

Acinetobacter species

Bartonella bacilliformis

Brevitella species

Campylobacter fetus

Enterobacter aerogenes

Escherichia coli

Francisella tularensis

Haemophilus ducreyi

Haemophilus influenzae

Klebsiella granulomatis

Klebsiella species

Neisseria gonorrhoeae

Shigella species

Vibrio cholerae

Yersinia pestis

Gram-positive Bacteria

Bacillus anthracis

Listeria monocytogenes

Streptococcus pneumoniae

Anaerobic Bacteria

Clostridium species

Fusobacterium fusiforme

Propionibacterium acnes

Other Bacteria

Nocardiae and other aerobic Actinomycetes species

Borrelia recurrentis

Chlamydia psittaci

Chlamydia trachomatis

Mycoplasma pneumoniae

Rickettsia species

Treponema pallidum

Treponema pallidum subspecies pertenue

Ureaplasma urealyticum

Parasites

Balantidium coli

Entamoeba species

Plasmodium falciparum*

*Doxycycline has been found to be active against the asexual erythrocytic forms of Plasmodium falciparum, but not against the gametocytes of P. falciparum. The precise mechanism of action of the drug is not known.

Susceptibility Testing Methods

When available, the clinical microbiology laboratory should provide cumulative reports of in vitro susceptibility test results for antibacterial drugs used in local hospitals and practice areas to the physician as periodic reports that describe the susceptibility profile of nosocomial and community-acquired pathogens. These reports should aid the physician in selecting an antibacterial drug for treatment.

Dilution Techniques

Quantitative methods are used to determine antibacterial minimum inhibitory concentrations (MICs). These MICs provide estimates of the susceptibility of bacteria to antimicrobial compounds. The MICs should be determined using a standardized test method 5.7.10. The MIC values should be interpreted according to criteria provided in Table 1.

Diffusion Techniques

Quantitative methods that require measurement of zone diameters can also provide reproducible estimates of the susceptibility of bacteria to antimicrobial compounds.

The zone size should be determined using a standardized test method 5.7.10. This procedure uses paper disks impregnated with 30 mcg doxycycline to test the susceptibility of bacteria to doxycycline. The disk diffusion interpretive criteria are provided in Table 1.

Anaerobic Techniques

For anaerobic bacteria, the susceptibility to doxycycline can be determined by a standardized test method 5.11. The MIC values obtained should be interpreted according to the criteria provided in Table 1.

Table 1: Susceptibility Test Interpretive Criteria for Doxycycline

Table with 3 columns: Pathogen, Minimal Inhibitory Concentrations (mcg/mL), and Disk Diffusion Zone Diameters (mm). Rows include Acinetobacter spp., Bacillus anthracis, Brucella species, Enterobacteriaceae, Francisella tularensis, Nocardiae and other aerobic Actinomycetes species, Streptococcus pneumoniae, Vibrio cholerae, and Yersinia pestis.

1 Organisms susceptible to tetracycline are also considered susceptible to doxycycline. However, some organisms that are intermediate or resistant to tetracycline may be susceptible to doxycycline.
2 The current absence of resistance isolates precludes defining any results other than "Susceptible". If isolates yielding MIC results other than susceptible, they should be submitted to a reference laboratory for further testing.
3 Incubation in 5% CO2 may be required for growth of some strains of Brucella spp., especially B. abortus. Incubation of broth MIC tests in CO2 may decrease the MIC of tetracyclines, usually by one doubling dilution.

Doxycycline susceptibility testing interpretive criteria for anamniotes, Haemophilus influenzae, Mycoplasma pneumoniae, Neisseria gonorrhoeae, and Ureaplasma urealyticum have not been established. Isolates of these species that are susceptible to tetracycline are also considered susceptible to doxycycline.

A report of Susceptible (S) indicates that the antimicrobial drug is likely to inhibit growth of the pathogen if the antimicrobial drug reaches the concentration usually achievable at the site of infection. A report of Intermediate (I) indicates that the result should be considered equivocal, and, if the microorganism is not fully susceptible to alternative, clinically feasible drugs, the test should be repeated. This category implies possible clinical applicability in body sites where the drug product is physiologically concentrated or in situations where high dosage of drug can be used. This category also provides a buffer zone that prevents small uncontrolled technical factors from causing major discrepancies in interpretation. A report of Resistant (R) indicates that the antimicrobial drug is not likely to inhibit growth of the pathogen if the antimicrobial drug reaches the concentration usually achievable at the infection site; other therapy should be selected.

Quality Control

Standardized susceptibility test procedures require the use of laboratory controls to monitor and ensure the accuracy and precision of the supplies and reagents used in the assay, and the techniques of the individuals performing the tests. Standard doxycycline powders should provide the following range of MIC values noted in Table 2. For the diffusion technique using the 30 mcg doxycycline disk, the criteria noted in Table 2 should be achieved.

Table 2: Acceptable Quality Control Ranges for Doxycycline

Table with 3 columns: QC Strain, Minimal Inhibitory Concentration (mcg per mL), and Zone Diameter (mm). Rows include Enterococcus faecalis ATCC 29212, Escherichia coli ATCC 25922, Eggerthella lenta ATCC 43055, Staphylococcus aureus ATCC 25923, Streptococcus pneumoniae ATCC 49619, and Bacteroides thetaiotaomicron ATCC 29741.

* ATCC is the American Type Culture Collection

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Long-term studies in animals to evaluate carcinogenic potential of doxycycline hyclate tablets have not been conducted.

However, a 2 year carcinogenicity study with doxycycline administered daily by oral gavage to adult rats (20, 75, 200 mg/kg/day) demonstrated an increase in uterine polyps in female rats at 200 mg/kg/day (10 times the maximum recommended daily adult dose of doxycycline hyclate tablets based on body surface area comparison) with no change in tumor incidence in male rats at the same dose. A 2 year carcinogenicity study with doxycycline administered daily by oral gavage to adult male (maximum dose 150 mg/kg/day) and female (maximum dose 300 mg/kg/day) mice showed no changes in tumor incidence, at approximately 4 and 7 times the maximum recommended daily adult dose of doxycycline hyclate tablets, based on a body surface area comparison, respectively.

Mutagenesis and fertility studies have not been conducted with doxycycline hyclate tablets.

Mutagenesis studies with doxycycline demonstrated no potential to cause genetic toxicity in an in vitro point mutation study with mammalian cells or in an in vivo micronucleus assay in CD-1 mice. However, data from an in vitro mammalian chromosomal aberration assay conducted in CHO cells suggest that doxycycline is a weak clastogen. Oral administration of doxycycline to Sprague-Dawley rats showed adverse effects on fertility and reproduction including increased time for mating, reduced sperm motility, velocity and concentration as well as increased pre and post implantation loss. Reduced sperm velocity was seen at the lowest dosage tested, 50 mg/kg/day which is 2.5 times the maximum recommended daily adult dose of doxycycline hyclate tablets. Although doxycycline impairs the fertility of rats when administered at sufficient dosages, the effect of doxycycline hyclate tablets on human fertility is unknown.

Hyperpigmentation of the thyroid has been produced by members of the tetracycline class in the following species: in rats by oxytetracycline, doxycycline, tetracycline P.O., and methacycline; in minipigs by doxycycline, minocycline, tetracycline P.O., and methacycline; in dogs by doxycycline and minocycline; in monkeys by minocycline.

Minocycline, tetracycline P.O., methacycline, doxycycline, tetracycline base, oxytetracycline HCl, and tetracycline HCl, were goitrogenic in rats fed a low iodine diet. This goitrogenic effect was accompanied by high radioactive iodine uptake. Administration of minocycline also produced a large goiter with high radioactive iodine uptake in rats fed a relatively high iodine diet.

Treatment of various animal species with this class of drugs has also resulted in the induction of thyroid hyperplasia in the following: in rats and dogs (minocycline); in chickens (chlortetracycline); and in rats and mice (oxytetracycline). Adrenal gland hyperplasia has been observed in goats and rats treated with oxytetracycline.

Results of animal studies indicate that tetracyclines cross the placenta and are found in fetal tissues.

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16 HOW SUPPLIED/STORAGE AND HANDLING

How Supplied

Doxycycline hyclate tablets, 75 mg are round, convex, blue colored, film-coated, tablets debossed with "75" on one side of the tablet and plain on the other. Each 75 mg tablet contains 86.6 mg of doxycycline hyclate equivalent to 75 mg of doxycycline.

Bottles of 60 tablets: NDC 51862-695-06
Doxycycline hyclate tablets, 150 mg are oval-shaped, convex, mossy-green, film-coated tablets. Each side of the functionally scored tablet has two parallel score lines for splitting into 3 equal portions with "m" debossed on each portion of one side of the tablet, and no debossing on the other. Each 150 mg tablet contains 173.2 mg of doxycycline hyclate equivalent to 150 mg of doxycycline.

Bottles of 60 tablets: NDC 51862-696-06

Storage

Store at 20° to 25°C (68° to 77°F) excursions permitted to 15° to 30°C (59° to 86°F) [See USP Controlled Room Temperature]. Protect from light and moisture. Dispense in a tight, light-resistant container as defined in the USP using a child-resistant closure.

Perf. line
(Does not print)