

## Policies Repository



**Policy Title** Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™)

**Policy Number** FS.CLIN.68

*Application of Pharmacy Policy is determined by benefits and contracts. Benefits may vary based on product line, group or contract. Some medications may be subject to precertification, age, gender or quantity edits. Individual member benefits must be verified.*

*This Pharmacy Policy document describes the status of pharmaceutical information and/or technology at the time the document was developed. Since that time, new information relating to drug efficacy, interactions, contraindications, dosage, administration routes, safety or FDA approval may have changed. If the Medical/Pharmacy Reviewer is aware of any new information on the subject of this document, please provide it promptly to the Medical/Pharmacy Policy Department. This information may include new FDA approved indications, withdrawals or other FDA alerts. This type of information is relevant not only when considering whether this Policy should be updated, but also when applying it to current requests for coverage.*

*Members are advised to use participating pharmacies in order to receive the highest level of benefits.*

**Policy** Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™) is indicated for the treatment of the following:

- Rocky mountain spotted fever, typhus fever and the typhus group, Q fever, rickettsial-pox, and tick fevers caused by Rickettsiae
- Respiratory tract infections caused by Mycoplasma pneumoniae
- Psittacosis (ornithosis) caused by Chlamydia psittaci
- Lymphogranuloma venereum caused by Chlamydia trachomatis
- Trachoma, Inclusion conjunctivitis and Uncomplicated urethral, endocervical or rectal infections in adults caused by Chlamydia trachomatis
- Nongonococcal urethritis caused by Ureaplasma urealyticum
- Relapsing fever due to Borrelia recurrentis
- Chancroid caused by Haemophilus ducreyi
- Plague due to Yersinia pestis (formerly Pasteurella pestis)
- Tularemia due to Francisella tularensis (formerly Pasteurella tularensis)
- Cholera caused by Vibrio cholerae (formerly Vibrio comma)
- Campylobacter fetus infections caused by Campylobacter fetus (formerly Vibrio fetus)
- Brucellosis due to Brucella species (in conjunction with streptomycin)
- Bartonellosis due to Bartonella bacilliformis
- Granuloma inguinale caused by Calymmatobacterium granulomatis
- Escherichia coli
- Enterobacter aerogenes (formerly Aerobacter aerogenes)
- Shigella species
- Acinetobacter species (formerly Mima species and Herellea species)
- Respiratory tract infections caused by Haemophilus influenzae
- Respiratory tract and urinary tract infections caused by Klebsiella species

- Upper respiratory infections caused by Streptococcus pneumoniae (formerly Diplococcus pneumoniae)
- Skin and skin structure infections caused by Staphylococcus aureus
- Anthrax due to Bacillus anthracis, including inhalational anthrax (post-exposure): to reduce the incidence or progression of disease following exposure to aerosolized Bacillus anthracis
- Uncomplicated gonorrhea caused by Neisseria gonorrhoeae
- Syphilis caused by Treponema pallidum
- Yaws caused by Treponema pertenu
- Listeriosis due to Listeria monocytogenes
- Vincent's infection caused by Fusobacterium fusiforme
- Actinomycosis caused by Actinomyces israelii
- Infections caused by Clostridium species

The use of Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™) requires prior authorization (ie, clinical pharmacy and/or Medical Director review).

### Policy Description

**Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™)** contains TheraTears® Nutrition (omega-3 supplement with vitamin E) which supports thin meibomian gland oils and healthy un-inflamed eye lids, iHeat™ Warm Compress System which is portable self-heating for patient convenience and compliance and Doxycycline monohydrate. Doxycycline is a bacteriostatic antibiotic which exert antimicrobial effect by reversibly binding to the 30S subunit of the bacterial ribosome, preventing the binding of aminoacyl transfer RNA and inhibiting protein synthesis and thus cell growth. It is active against a wide range of gram-positive and gram-negative organisms.

### Policy Guideline Inclusion

**Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™)** is approved when the following inclusion criteria is met:

- Documentation of intolerance to all formulations of doxycycline and demonstration of clinical need for compress system

### Policy Guideline Exclusion

**Doxycycline monohydrate 75 mg capsules convenience kit (Nutridox™)** is denied when the following exclusion criteria is found:

- No documentation of intolerance to all formulations of doxycycline and demonstration of clinical need for compress system

### Policy List of Applicable Drugs

Brand Name	Generic Name
Nutridox	Doxycycline monohydrate

### Dosing and Administration

Refer to the specific manufacturer's prescribing information for administration and dosage details for each specific agent.

### Policy References

Nutridox™ (doxycycline monohydrate). In: Facts and Comparisons [online through Facts and Comparisons Online]. Indy, IN: Walter Kluwer Health Inc. Accessed February 13, 2009.

Nutridox™ (doxycycline monohydrate). In: Drugdex [online through Micromedex Healthcare Series]. Greenwood Village, CO: Thomson Micromedex. Accessed February 13, 2009.

Nutridox™ (doxycycline monohydrate). Woburne, MA; Advanced Vision Research, Inc 2008.

### Policy Link to Related Policies

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