

[Skip to main content](#)

Doxycycline Hyclate (Periostat)

??? ??????: 30 ?????2/????? 2017

In clinical trials of adult patients with periodontal disease 213 **Adverse Reactions in Clinical Trials of a bioequivalent form of doxycycline hyclate capsules:** patients received 20 mg BID over a 9 - 12 month period. The most frequent adverse reactions occurring in studies involving treatment with a bioequivalent form of doxycycline hyclate capsules or placebo are listed below:

Incidence (%) of Adverse Reactions in Clinical Trials of Doxycycline Hyclate Capsules, 20mg (Bioequivalent to Doxycycline Hyclate Tablets, 20mg) vs. Placebo

Placebo (n=215)	Doxycycline Hyclate Capsules 20 mg BID (n=213)	Adverse Reaction
56 (26%)	55 (26%)	Headache
46 (21%)	47 (22%)	Common Cold
40 (19%)	24 (11%)	Flu Symptoms
28 (13%)	14 (7%)	Tooth Ache
21 (10%)	8 (4%)	Periodontal Abscess
19 (9%)	13 (6%)	Tooth Disorder
12 (6%)	17 (8%)	Nausea
18 (8%)	7 (3%)	Sinusitis
18 (8%)	11 (5%)	Injury
5 (2%)	13 (6%)	Dyspepsia
13 (6%)	11 (5%)	Sore Throat
8 (4%)	12 (6%)	Joint Pain
8 (4%)	12 (6%)	Diarrhea
11 (5%)	11 (5%)	Sinus Congestion
11 (5%)	9 (4%)	Coughing
8 (4%)	8 (4%)	Sinus Headache
6 (3%)	8 (4%)	Rash
8 (4%)	7 (3%)	Back Pain
9 (4%)	4 (2%)	Back Ache
5 (2%)	9 (4%)	Menstrual Cramp
7 (3%)	8 (4%)	Acid Indigestion
5 (2%)	8 (4%)	Pain
6 (3%)	4 (2%)	Infection
6 (3%)	1 (<1%)	Gum Pain
5 (2%)	7 (3%)	Bronchitis
6 (3%)	2 (1%)	Muscle Pain

Note: Percentages are based on total number of study participants in each treatment group.

The following adverse reactions have been observed in patients receiving tetracyclines:**Adverse Reactions for Tetracyclines:**

: anorexia, nausea, vomiting, diarrhea, glossitis, dysphagia, enterocolitis, and inflammatory lesions (with vaginal candidiasis) in the anogenital **Gastrointestinal** region. Hepatotoxicity has been reported rarely. Rare instances of esophagitis and esophageal ulcerations have been reported in patients receiving the capsule **DOSAGE AND** forms of the drugs in the tetracycline class. Most of these patients took medications immediately before going to bed. (See Section).**ADMINISTRATION**

: maculopapular and erythematous rashes. Exfoliative dermatitis has been reported but is uncommon. Photosensitivity is discussed above. **Skin** Section).**WARNINGS** (See

Section). **WARNINGS** : Rise in BUN has been reported and is apparently dose related. (See **Renal toxicity**

: urticaria, angioneurotic edema, anaphylaxis, anaphylactoid purpura, serum sickness, pericarditis, and exacerbation of systemic lupus **Hypersensitivity reactions**
erythematosis.

: Hemolytic anemia, thrombocytopenia, neutropenia, and eosinophilia have been reported. **Blood**