

Vibramycin owes its long half-life to slow renal clearance— $\frac{1}{2}$ that of DMCT, $\frac{1}{5}$ that of tetracycline.

Average renal clearance (As a percent of creatinine clearance) :

Vibramycin, 12.0(4)

Demethylchlortetracycline, 26.8(4)

Tetracycline, 61.0(5)

With Vibramycin—Serum levels are therapeutic around the clock(1)

The Key : Efficient absorption and long half-life.

Average serum levels of Vibramycin in humans.

And Vibramycin levels usually persist 24–36 hours after cessation of therapy

With Vibramycin—absorption relatively unaffected in the presence of food or milk.

Plasma levels of doxycycline and DMCT after oral ingestion of the drugs, fasting, and with foods in human subjects.

(Adapted from Rosenblatt, J. E., Barnett, J. E., Brodie, J. L. and Kirby, W. M. M. (4)

After the first day of therapy . . . the only one-dose-a-day tetracycline in oral form.

Vibramycin[®] doxycycline once-a-day dosage. In dosage and absorption . . . developed for efficiency.

VIBRAMYCIN[®] HYCLATE CAPSULES DOXYCYCLINE HYCLATE

Day 1	Day 2	Day 3	Subsequent days
Usual adult dosage . . . 2 caps. b.i.d. (200 mg.). 2 caps/day (100 mg.) . . . 2 caps/day (100 mg.) . . . 2 caps/day (100 mg.)			

Note: Vibramycin[®] Hyclate Capsules contain doxycycline hyclate equivalent to 50 mg. doxycycline. Available in bottles of 50.

Vibramycin[®] Monohydrate for Oral Suspension doxycycline monohydrate.

Recommended dosage for children:

First day of treatment—2 mg./lb. of body weight divided into two doses.

Subsequent days—1 mg./lb. of body weight given as single daily dose or divided into two doses.

For more severe infections—up to 2 mg./lb. of body weight.

Vibramycin Monohydrate (doxycycline monohydrate) is available as a dry power for oral suspension containing, when reconstituted, doxycycline monohydrate equivalent to 25 mg. of doxycycline/5 cc. (each teaspoonful), with a pleasant tasting, raspberry flavor: 2 oz. bottles.

Vibramycin[®] (doxycycline)—an efficient oral broad-spectrum antibiotic in terms of . . .

Serum concentrations of Vibramycin peak at a rate which approaches that of a tetracycline I.M. injection indicating the great absorption from the G.I. tract.

Long half-life and slow urinary clearance of Vibramycin allow you to prescribe it on a one-dose-a-day basis after the first day.

The lowest daily dose of any oral tetracycline.

Minimal dose related G.I. side effects.

May be administered with meals or milk without loss of activity.

In dosage and absorption . . .

Developed for Efficiency

REFERENCES

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3. Clinical data submitted to F.D.A. Available to physicians on request, Medical Department, Pfizer Laboratories.
4. Rosenblatt, J. E., Barrett, J. E., Brodie, J. L. and Kirby, W. M. M.: *Antimicrobial Agents and Chemotherapy*—1966. pp. 134–141.
5. Kunin, C. M., Dornbush, A. C. and Finland, M.: *J. Clin. Invest.* 38:1950, Nov., 1959.