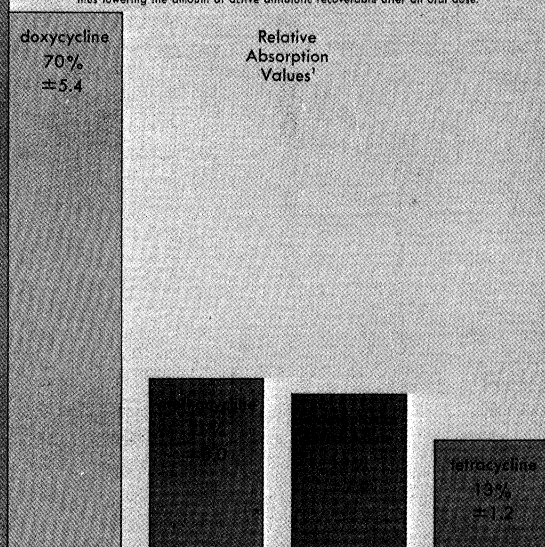


...as demonstrated by excretion studies in test animals

Urinary excretion study* indicates significantly greater G.I. absorption of Vibramycin—the percentage of the oral dose recovered in urine of 45-60 mice relative to the amount recovered after an I.V. dose is 3.3-5.4 times greater than these other tetracyclines. Oral and I.V. doses were equivalent.

*During passage through the body a fraction of each antibiotic is metabolized, thus lowering the amount of active antibiotic recoverable after an oral dose.



The variance %'s accompanying the relative absorption values represent $\pm$ one standard deviation.

A similar comparison in dogs showed less pronounced differences between the drugs tested, but supported the conclusion that, in the dog, the percentage of an oral dose which is absorbed by the gastrointestinal tract is from 2 to 4 times as large for doxycycline as for other drugs tested.