The Survival Time Studies, while involving a limited number of organisms, resemble the clinical situation in that the infection is well established before antibiotics are administered.

The conclusion:

1. An important factor in protecting test animals is the rapidly attained therapeutic concentrations of Vibramycin. (Mice infected with Staph. aureus are generally moribund about four hours after inoculation.)

2. Even at a fraction of the dosage of other tetracycline antibiotics tested,

Vibramycin provided a greater and more persistent chemotherapeutic effect.

With Vibramycin^R (doxycycline)—Excellent therapeutic results in humans [over 90% clinical success rate]:

Diagnostic group	n Magelike	i de	Clinical re	sponse	lage greaters.	Percent
Viagnostic group	Favorat	le	Роо	r Ni san	Total	success
Lower respiratory infections. Upper respiratory infections. Soft-tissue infections. Genitourinary infections. Venereal (gonococcal infections).	ali new Men w	172 143 133 57 175	ne vine vær i Gud – næse	11 11 8 19	183 154 141 76 189	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Miscellaneous infections		711		66 66	777	9

Note: For criteria used in evaluating results of therapy, see end of brochure.

Summary of side effects in patients treated with Vibramycin^R (doxycycline) not all of whom met the criteria established for efficacy:

Side Effect	Number of cases	Side Effect—Continued	Number of cases
。Nausea			
Vomiting Diarrhea		Glossitis Stomatitis	
Photosensitivity	7	Nail discoloration	
Dermatitis	4	어느 어느 이 그런 하는 어떻게 되었다.	4 (25.93)

As with other tetracyclines, elevation of SGOT or SGPT values, anemia, neutropenia, eosinophilia or elevated BUN have been reported, the significance of which is not known at this time.

With Vibramycin^R—Minimal untoward reactions in the lower G.I. tract as confirmed by the occurrence of only 8 cases among the patients treated,

The Key: efficient absorption:

Since absorption of Vibramycin is high, a minimal quantity of antibiotic is left in the G.I. tract. This would suggest the possibility of a lesser likelihood of monilial or bacterial overgrowth. Vibramycin:

With Vibramycin^B (doxycycline)—Lowe degree of binding with calcium than any other tetracycline analogue.

Per cent of binding with calcium (Based on in vitro studies) with equal

amounts of each antibiotic:

7thua mada			19.
Vibramycin Oxytetracycline	 	 	36.
dethacycline			
etracycline	 		39.
lemethylchlor-tetr		 44.	74

This study would suggest that less Vibramycin is bound to bones or teeth. With Vibramycin^R (doxycycline)—The lowest effective dose—once a day after the first day

The Key: Long half-life:

Half-life of Vibramycin is significantly longer than that of other agents-

based on single dose studies: Doxycyline 15.1 hours (4)

Demethylchlortetacycline, 12.7 hours (4)

Tetracycline, 8.2 hours (5)

With multiple dosing, the cumulative half-life has been reported to be approximately