

ing physicians, were accepted. The period ranged from one to seven days for the antitoxin cases, and averaged 2.67. As the incubative period of diphtheria is very uncertain, and as the evidence of the attack is largely governed by the resistance of the patient, and the solicitude of his friends, I do not think that much reliance can be placed on these figures. The initial severity of the disease was also somewhat confused with its subsequent course, which leaves the statistics on this point open to question.

The information gained under some of the headings can be at once disposed of. Thus the records of temperature did not show any marked differences between the series of cases, nor were there any unfavorable symptoms immediately ascribable to the serum, nor did rashes supervene. The observations as to changes in the daily appearance of the membrane were not regularly kept up, and in any case were difficult to characterize and follow, except as to final disappearance.

As a matter of fact there were 113 injections administered, but thirteen of the cases were not true diphtheria, as proved by the absence of the specific bacillus. The totals of the other cases furnish the following percentages:

	ANTITOXIN.	NON-ANTITOXIN.
Total cases of proved diphtheria.....	100	100
Males.....	52	49
Females.....	48	51
Average age (years).....	5.42	5.64
Duration of sickness on admission (days).....	2.67	3.36
Type:		
Pharyngeal (cases).....	53	46
Laryngeal (cases).....	13	9
Nasal (cases).....	1	1
Naso-pharyngeal (cases).....	20	33
Laryngo-nasal (cases).....	9	9
Laryngo-naso-pharyngeal (cases).....	4	2
Character:		
Mild (cases).....	60	50
Severe (cases).....	30	32
Very severe (cases).....	10	18
Disappearance of membrane (days).....	8.0	9.1
Duration of hospital term (days).....	25.5	24.0
Occurrence of paralysis.....	8	1
Deaths (including moribund cases).....	19	16
Moribund cases (died within twenty-four hours)	6	3
Average duration of fatal cases (days).....	6.0	6.6

The antitoxin used was that of two leading American manufacturers, and the quantities administered were such as were generally recommended to be used at the time when the experiments were made. In one case only 500 cubic units were employed; in another ten times that quantity was injected. The average of the hundred cases was 1,122 units.