

#### 4 TREATMENT OF TUBERCULOSIS IN SANATORIA.

Number of patients giving positive results, by ages :

	16-20	21-30	31-40	41-50	51-60	61-70	Total
Male....	11	24	15	13	6	0	69
Female.....	12	32	20	9	6	1	80
Totals .....	23	56	35	22	12	1	149

Table showing number of positive cases, arranged according to duration of symptoms when specimens were submitted :

	1 month and under	1-2 mo's	2-3 mo's	3-6 mo's	6-12 mo's	1-2 yrs.	2 years and more	No data	Total
Male....	5	4	10	11	16	8	8	7	69
Female..	2	3	11	19	25	7	10	3	80
Total ..	7	7	21	30	41	15	18	10	149

Roughly, the disease had existed in these up to two years; on an average, for fifteen months. It may be said that until very recently the larger proportion of cases of consumption were not diagnosed until the physical signs were well advanced. Dr. S. G. Bonney, Professor of Medicine in the University of Denver, has recently written regarding 546 selected cases in private practice, and states that "388 or 71 per cent. arrive in Colorado with distinct evidence of tubercular infection in each lung," also that "the total average period of delay from the time of definite onset of the disease was a little over eighteen months." Dr. S. Edwin Solly, of Colorado Springs, says that of one hundred successive cases

In 48 cases treated as soon as diagnosed .....	24 were in 1st stage
	14 " 2nd "
	14 " 3rd "
In 52 cases not treated for several months or	14 " 1st "
even years after onset .....	17 " 2nd "
	21 " 3rd "

Statistics still more valuable for practical purposes and more comparable to the results of the laboratory returns already referred to, are those of the Hanseatic Insurance Co., carried on under the Workmen's Compulsory Insurance Laws in Germany, where, of 1,541 cases treated between 1893 and 1897, 30.9 per cent. were slightly affected; while of the Bremen Insurance Co. in 1896, 279 patients were treated at the Reichburg Sanatorium, of whom 23.9 per cent. were slightly affected, 32.7 per cent. were moderately affected, and 43.6 were seriously affected. The Gravenhurst (Ont.) authorities have stated that not more than 1 in 8 cases, examined for admission, are in the first stage of the disease. But, further, Dr. Trudeau, of the Saranac Lake Sanatorium, in his last article published this year, states that about 33 per cent. of the 1,200 cases treated within the last three years were in the incipient stage. Thus, taking the more