

over two packages. Sometime later I received the report of this case, which was, in brief: "After the first dose distinct amelioration of the symptoms occurred, and after the second all cause for anxiety disappeared." The same gentleman consulted me regarding pneumonia in an old man nearing eighty years of age—it was early in the case, and I received no details excepting that the serum was used and the result was satisfactory.

In selecting from the cases in which I have used the serum my effort is, as far as possible, to give those which differ as much as may be as to conditions and time.

About a year after beginning to use the treatment I was called to see, in consultation, a boy of ten years; he had been ill with high temperature, but ill-defined symptoms, for several days; respiration was about 40, pulse quite rapid, and temperature 104. On very careful examination I was able to define an area of suppressed breathing, with some fine crepitation at the right base—in a few hours the physical signs became unmistakable, with a rising temperature. We had to wire for serum, which was administered the following morning; the usual course resulted; distinct relief occurred after the first injection, while the second dose was followed in a few hours by a fall of the temperature to 100, with corresponding improvement in all other symptoms, and an uneventful recovery followed.

Shortly after the last-mentioned case I saw another, through the kindness of Dr. McDonald, of Dresden. The case, as I remember it, had been in progress for at least six days; the patient, a previously healthy young lady of sixteen or seventeen, was in rather a desperate condition, extensive general bronchitis, with left-sided basal pleuro-pneumonia, respiration was very rapid, great cyanosis; rapid, feeble and unsteady pulse, temperature 103. With some doubt and hesitation we used the serum; quite marked improvement seemed to follow the next day, but symptoms remained urgent for days, and convalescence extended over weeks and months, and, indeed, was not complete for over a year. This, however, was due to the pleurisy. Intense pleural thickening developed, with the usual very slow return to normal temperature and pulse rate. The only value the serum had in this case was to modify one factor in a most serious complication, and thereby turning the scale, if it were but by a hair's breadth, in favor of life.

My series includes two other cases of pleuro-pneumonia, both in children under seven years of age; in both of these the result of the serum was prompt, but disappointing on account of the pleurisy, which caused considerable lengthening out of the fever-