

and one-half degrees, he was sweating freely, and his respiration came down to 40, but his pulse remained uncountable.

At 10 o'clock on the morning of the 27th his temperature was 99°, respiration 24 and pulse 96. Notwithstanding his apparent improvement I gave him again 12 c. c. of the antitoxic serum.

His improvement was not interrupted, and on the 8th of January, 1900, he was able to return to his work.

This clinical history, showing a left pneumonia having crisis on the eight day under ordinary treatment, followed by a much severer right pneumonia which came to apparent crisis in two days, suggests that the antitoxin might have produced a much earlier crisis than the first attack would have led one to expect. Indeed, the second attack seemed to be of extraordinary severity and likely to result fatally. One must not draw conclusions from a single case, but the record of this case seems worth publishing, because it seems, in effect, to have been two attacks of pneumonia in the same subject, treated upon widely different lines, and with strikingly different results.

Through the courtesy of my friend, Dr. Geo. H. Everhart, I am able to append the following brief notes of two cases of pneumonia in which he used antipneumotoxin.

Eli P. J. was seized with a chill on January 13. When first seen on the night of January 14, he had a temperature of 103°, pulse 110, rapid respiration, cough, rusty sputa, and the physical signs of consolidation of the lower lobe of the right lung. On the following morning, the 15th, the man was in substantially the same condition, and in the evening of that day he received a hypodermic injection of 10 c. c. of antipneumotoxin. On the morning of the 16th (fourth day in bed) he was in a profuse sweat, having a temperature of 99°, and with pulse and respiration much improved. On the 20th his temperature was normal, and on the 24th was up and apparently well.

On Tuesday evening, February 1, Kate C., aged twenty years, was found ill with pneumonia, the signs of consolidation being apparent everywhere over the right lung; temperature 103°, pulse 108, respiration 40. On the morning of February 2, her temperature being at the time 103° and pulse 110, she received by hypodermic injection 10 c. c. of antitoxic serum. At the evening visit her temperature was 102°, pulse 108, respiration 33. On the morning of February 3, her temperature was normal, pulse 80 and respiration 20. She was in all respects comfortable, and remained so until the 5th, when she sat up in bed. In the evening she had a chill and a rise of temperature to 105°, with a respiration rate