

[Rosenow EC, Hektoen L \(1913\)](#). Treatment of pneumonia with partially autolyzed pneumococci. JAMA 61:2203-4.

### Key passages

## TREATMENT OF PNEUMONIA WITH PARTIALLY AUTOLYZED PNEUMOCOCCI \*

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We come now to the consideration of the third and largest group. The good effect of the early injections often seemed convincing, but because pneumonia is so variable in its course some sort of control is desirable. In order to do this most effectively we used the statistical method. Every second pneumonia patient in the order admitted to the Cook County Hospital of Chicago during January, February and March of 1911, 1912 and 1913, the height of each pneumonia season, was injected subcutaneously with detoxicated pneumococci at the same time as he received the usual routine treatment given to all patients with pneumonia, which was not modified in any way whatsoever. There was no selection practiced at all—every second pneumonia patient was injected, the uninjected serving as the control group. We are deeply indebted to the physicians of the hospital for their willing cooperation and encouragement. Altogether there are 294 cases for consideration in this group, 146 receiving the injections and 148 constituting the controls. Of the control group fifty-six died, a death-rate of 37.8 per cent. Of the injected group thirty-four died, a death-rate of 23.3 per cent., a total lowering of the death-rate of 14.5 per cent. in the injected group.

