Following his formal presentation, Dr. Hamlin showed a number of lantern slides demonstrating characteristic roentgenological patterns of a number of the commoner pulmonary conditions resulting from exposure to various industrial dusts and fume. These included such conditions as silicosis and siderosis as well as their differential diagnosis. The importance of differentiating these two conditions was shown since silicosis is a disabling condition resulting from the inhalation of uncombined silicon dioxide that predisposes to tuberculosis, while siderosis results from a pigmentation of the lung due to inert iron oxide. The latter is hard to distinguish from that of silicosis and is frequently mistaken for it. Improper diagnosis therefore has a threefold effect. It produces unnecessary apprehension on the part of the employee, causes him financial loss through changing his life time occupation to other work and deprives the employer of the services of a skilled workman. Hence, everyone suffers needlessly. A number of unrelated chest conditions were presented which simulate the pattern of silicosis and which are frequently confused with it.

The type of dust produced by certain plant operations was illustrated and the way the bad conditions have been corrected was demonstrated by "before" and "after" photographs of actual jobs in the plants.

Dr. Hamlin invited the nurses to visit the Medical Department on Thursday, September 16 if their return reservations permitted. Nineteen were able to make the visit. They were escorted through the medical and hygiene sections and the various procedures such as what happens to the histories, x-rays and other reports, were explained. This was a new experience and those present expressed the opinion that they now had a much greater appreciation of the work carried on by the Department. They were quite frank in stating that it would afford a much better understanding of details and policies which heretofore had seemed unimportant or misunderstood.

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