

DR. deTREVILLE: What Dr. Gaensler has said is a just criticism. We went into this recognizing that we were working in the dark. There was no micro-nodulation of the type that you would see in the ILO standard films. None of these would have been considered "positive" for early fibrosis. What we were seeking was any evidence of the type of dust pattern described by Gardner (quoted in Johnstone's Occupational Medicine and Industrial Hygiene, C. V. Mosby Co., St. Louis, 1948, p. 339):

"The mere aggregation of particles themselves... increases the density of the delicate connective tissues about the vessels ... (which may be observed in such cases to be)... heavier than normal. As a great many kinds of dust produce such changes, exaggerated linear markings are common findings in persons employed in industry. There is nothing specific about such a pattern to indicate its cause and it is rarely associated with clinical findings...."

DR. PHILIP ENTERLINE (University of Pittsburgh): I would like to both agree and disagree with Dr. Mancuso's comment. First, I agree that any working population is a selected group of individuals, and there are many hazards in drawing conclusions. On the other hand, this picture is different from the picture you would find if you examined a group of people working with asbestos, or groups of coal miners, or dozens of other studies of working populations which have these same selective biases operating. This study of fiber glass workers does not appear to show any significant disease. I do not see how 226 people could have such normal lungs unless they are really pretty healthy—more healthy than workers in some other industries where similar studies have been done.

DR. deTREVILLE: Let me say that there are diagnoses that the radiologists have put on here and we have classified these and sent these into Dr. Ciocco. We have not yet worked these up. These are the things that Dr. Wright looked for—abnormalities of any type from the standpoint of healed tuberculosis and that sort of thing.

FROM THE AUDIENCE: Those did occur in this as you would expect in any study of the general population?

DR deTREVILLE: Oh yes, these did occur.

DR. LEE B. GRANT (PPG Industries, Inc.): My concern is about the reporting of such a study. The literature is already confused enough.

DR deTREVILLE: I think the important thing here is that Dr. Ciocco asked a question about the published study on the employees studied by Dr. Wright, in that there appeared to be the same thing that had been pointed out earlier: the employees in some of the dustier areas seem