

This disease caused the death of one woman in seven and one man in ten after the age of 35 years. In man the heredity of the disease had not been proven. So far no solid proof has been advanced to confirm the older views of the potency of heredity.

Wide observation goes to prove that cancer is mainly caused by repeated irritation of a part. This accounts for the fact that certain occupations tend to cause the disease in certain parts of the body. In like manner, portions of the body often irritated frequently suffer.

Cancer can be transferred from one animal to another of the same species. The process is not, however, a process of infection, but an actual transplantation, comparable to the transplantation of plants in a garden. All the forms of cancer common to men occur in mice, yet during the last twelve years healthy mice, young and old, had been housed with mice naturally suffering from cancer and mice inoculated with it without there resulting in any case a higher frequency of cancer among those healthy mice than occurred in mice not so exposed.

The property of progressive growth is the characteristic of cancer which must be controlled if a cure is to be found. Every animal tissue produces, when growing, resistance to its growth. Growth is accompanied by resistance. When the growth of a tumor becomes very rapid it simply means that this power to produce resistance has been lost. It is erroneous to suppose that a stimulus to growth is necessary to a cancer; the truth is that continuous growth becomes possible because of the loss of a hindrance to growth. The whole problem focuses itself into the question of the study of growth and of the forces which correlate it and control it in the human body.

Two interesting facts have emerged. It is certain that an increase of cancer is not taking place in some parts of the body, while a large increase, on the other hand, is recorded for other parts. The question of diagnosis has, however, to be considered. The second fact is that in certain localities—face, lips and breast—disease increases up to the end of life, but in others after attaining to a maximum growth the disease falls off to the end of life.

THE HEALTH OFFICIALS' CONVENTION.

The convention of the health officials of Ontario, which was recently held in Toronto, was a decided success. Many questions of real interest were discussed, and a forward spirit prevailed throughout. One hardly realizes how much progress has been made along sanitary lines of late years. Food, milk, abattoirs, sewage, over-crowding, rail-