

After cicatrization careful watch should be kept for the slightest sign of recurrence in the scar or the surrounding tissue, and the applications repeated if any thickening is observed. Owing to the fact that the lesions are rather deeply situated in these cases, the ultra-penetrating rays sometimes give excellent results, and the same may be said of the "cross-fire" method. The deeper tissues may be influenced without excessive superficial destruction by applying the harder penetrating Gamma rays for fifty to one



Fig. 3—Fungating Epithelioma,
before Treatment.



Fig. 4—Same patient as in Fig. 3,
after Treatment.

hundred or more hours at a time. According to the statistics, the cured cases amount to 90 per cent., and in some of them cure has already persisted for seven or eight years.

The way in which these lesions respond to treatment is so striking that one may venture to instance two cases: T. F. T., *act.* 54, referred by Dr. Bowman, of Penetanguishene, Ont., presented on October 29th, 1910, a fungating mass, as large as a fifty-cent piece, below and behind the left ear. There had been a small ulcer for about five years, but latterly the growth had been very rapid. The growth was covered with cauliflower excrescences, and projected $\frac{3}{4}$ of an inch above the surrounding skin. The edges were hard and everted, and the tissues about were quite hard, as though the growth extended to some depth. There were no enlarged glands to be felt. Under local anesthetic the vegetations were removed, and the next day radium applications were made. These were repeated for four days, and then the patient returned home. He was seen again in three weeks, at which time all that was observed was a small, healthy ulcer, one-half inch in diameter. The epithelium was growing over it, and it looked as though it should be