

Howard Morrow. The patient was an elderly woman with an epithelioma of the cutaneous surface of the upper lip that had been troubling her for years, and that, before consulting me, had been hurnt out with some caustic. She got a couple of treatments from me, and as I then left town for my vacation, Dr. Morrow took her in charge. It was understood between us that the tube was to be approached as near the lesion as possible, and it was important to get a good result. The reaction was severe. The treatment was begun in the last week in August, and continued during the first week in September, 1902. On my arrival home early in October, there still was a distinct margin of epitheliomatous infiltration running parallel with the



Fig. 3.—The same patient after treatment by curetting, burning out with chromic acid and arsenical paste, and the use of the X-ray. The X-ray has knocked off the hair above the ear.

vermillion border of the right side of the upper lip, and the mucous membrane, at a "hare-lip-like" notch, the result of a scar from a previous operation, was a much lighter red than on the normal portions of the lip. Nevertheless, the principle was adhered to, that a large dosage of X-ray should be given, and then the treatment entirely stopped, so that no further X-ray was given. The lesion kept on improving steadily for fully a year after stopping the treatment, until now the lip looks as normal as scar tissue can. As before mentioned, this case