

CASE 2.—Male, aged 27. Four years ago a lupoid patch developed to the right of the chin, covering an area of one and one-half inches in width, three inches in length. The ulcerated area was dissected out and followed by a course of X-ray treatment. The surface healed, leaving a scar of very firm fibrous tissue, which drew down the angle of the mouth, causing an impediment in his speech. February, 1904, an ulcer the size of a quarter developed on the right side of the scrotum. This did not heal under various methods of treatment for a period of three months. May 23rd, 1904, applied radium of low activity to the ulcerated area, and, after three applications, the same healed, and has remained healed ever since. To the old scar on the face radium of low activity was applied at four different times. This caused the firm, fibrous scar to become soft and pliable, so that the angle of the mouth is no longer drawn down to the same degree, nor is it apparent as before.

CASE 3.—A young lady, aged 22, had a large lupoid patch on her right cheek, of five centimetres in length, two and one-half centimetres in width, which has healed after twelve different cauterizations, leaving a rather rough and firm scar. Around this healed area was a rim, one centimetre in width, which was red; in many places there were denuded areas; in all there were fifteen applications of the tubes of radium, which caused the red rim to disappear and the small ulcerated areas to heal; also the firm and somewhat rough old scar became soft and pliable, so that it is but slightly noticeable.

CASE 4.—Woman, aged 71, developed a small epithelioma on her right cheek, measuring one and one-half centimetres in diameter. The glands of the neck were not infiltrated. The radium was applied nine different times and caused the depression to fill in and heal over. One year has elapsed since the last treatment, and excepting for a slight redness of the area, nothing is noticeable.

CASE 5.—Woman, aged 40, had a mole above the right supra-orbital ridge. She persistently picked at this until she says she pulled it out clear from the roots. Two and one-half months from this time I saw her. There was a deep hole where the mole had been with a diameter of two centimetres, extending down to the periosteum of the bone. The edges were highly inflamed, as well as the surrounding tissue, and there was a discharge of blood and serum. This is undoubtedly an epithelioma developed by irritating the mole. During November she received eight applications of the radium, and