

Wm. T. Bull, December 29, 1898, with the following history : One year before he noticed a filling up of the right nostril, and was treated for some time by a throat and nose specialist at one of the clinics, for a polypus. September 28th, 1898, he was operated upon at the New York Hospital, and as much of the tumor as possible removed. It grew again very rapidly after the operation, and when I first saw him it had reached the size of half an egg. The cavity of the right nostril was filled, there was marked bulging of the nose and some bulging of the antrum. He had frequent and severe hemorrhages. He was admitted to my service at the New York Cancer Hospital, January 9, 1899, and the toxins were given daily. Injections were made into the tumor and the doses increased to the point of causing three or four severe reactions a week followed by a temperature of 103° to 105° . The tumor diminished very markedly in size, the hemorrhages stopped, and portions of the tumor filling the nasal cavity sloughed out. With a view of increasing chances of success, a few weeks after the beginning of the treatment, I tied the right external carotid artery. The improvement continued until the middle of March, when there was almost no trace of the tumor remaining. The patient was sent home for two weeks ; but during this interval the tumor began to increase in size. Although he was readmitted to the hospital and the treatment was resumed, we were never able to entirely control the disease. There was steadily although slow increase in size, until the fall of 1899, when the tumor grew with great rapidity, and the injections were stopped. The increase of growth was far more rapid after the cessation of the treatment, and he died not long afterward in another hospital, from shock and hemorrhage following operation of excision of the carotid arteries.

Case 3. Recurrent sarcoma of the cheek, following trauma.—Mrs. L., aged 40 years, was referred to me by Dr. C. M. Thomas of Spokane Falls, March 8th, 1898, with the following history. The patient was in good health until June, 1897, when she received a blow from a fist upon her left cheek. A swelling appeared at once at the site of the injury and never entirely disappeared. After a few weeks it began to grow slowly, and seemed to be situated between the skin and the mucous membrane. On February 4th, 1898, it had reached the size of half a hen's egg, when it was removed by Dr. Thomas.

The patient thinks it did not again recur until about November, 1898. When I first saw her, March 8th, 1898, physical examination showed a cicatrix extending from the angle of the mouth on left side backward $2\frac{1}{2}$ inches.