

about two inches in diameter, extending into the vaginal wall. The left side was more involved than the right, and in order to remove the growth completely, an extensive dissection would have been required, and probably the removal of the left ureter.

"The uterus was fixed on the left side, and examination by bi-manual method caused a good deal of pain. The body of the uterus was not enlarged.

"In view of the extensive operation which would have been necessary, and the uncertainty of complete removal, radium treatment was advised."

Treatment was accordingly instituted, and from August 15th to October 7th, with two weeks' intermission, a strong radium plaque was placed against the cervix for twelve hours every night. The discharge ceased after the first few applications. The pain disappeared, and the bladder condition improved. On October 7th, a tube containing one centigram of pure bromide of radium in a catheter was inserted into the uterus for fifteen hours. The patient then returned home. Examinations made from time to time had shown a continuous improvement and lessening of the area of ulceration. On November 30th, she reported, and Dr. Cleland again examined her and reported as follows:

"On Nov. 30th, the raw surface was reduced to an area about half an inch in diameter, which showed no tendency to bleed as formerly. The uterus was more moveable, but still somewhat fixed on the left side. The patient reported herself as suffering no pain nor discomfort of any kind, and as having gained about 15 pounds in weight. The improvement in the local condition was almost marked, and an operation could now be undertaken with more certainty of success. But, owing to the improvement under the radium treatment, it seems advisable to continue it for some time yet."

#### EXOPHTHALMIC GOITRE.

Dr. Abbe was the first to employ radium in the treatment of this condition. This was effected by making incisions into the thyroid gland, into which radium tubes were inserted. A great decrease in the size of the gland followed, with amelioration of the nervous symptoms, and this result has continued. Dr. Wickham, of Paris, has also successfully treated cases by the plaques, with "cross-fire."

A case which presented itself recently has given us an opportunity to observe the action of radium in this condition.

Mrs. M., æt. 31, noticed a small lump at the root of the neck five years ago. Local applications were used, but there was no change one way or the other. One month ago it began to grow, particularly