

improvement and lessening of the area of ulceration. On November 30th, she reported, and Dr. Cleland again examined her and reported as follows:

"On November 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 movable, 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 most 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., *et.* 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 on the right side. The tumor protruded and began to cause distress in breathing, speaking and swallowing. At the same time she began to feel tired, with loss of energy and appetite. Examination showed enlargement of the isthmus and right lobes of the thyroid, the tumor being quite hard in consistency. The circumference of the neck was 15 inches. The pulse rate was slightly increased.

Applications of radium plaques have been made and already within three weeks there has been marked improvement. The