

It naturally follows that the examination of the nose, accessory cavities, larynx and chest for foreign bodies will be greatly facilitated; while diagnosis of lesions in the soft tissues will be improved. Coils of any size will now be capable of exciting Crookes' tubes hitherto beyond their range. The interrupter is practically an ordinary cell, consisting of dissimilar metals in an acid solution. As a rule the one is made of lead and the other of platinum, the former being large and the latter very small.

Wehnelt describes the principle involved as follows: "If a current be sent by means of the electrodes of unequal surface through an electrolyte, the electro-motive force applied being considerably greater than the counter-electro-motive force of polarization, well-known light and heat phenomena may be observed on the electrode with the smaller surface. The latter is called 'active electrode.'"

Suprarenal Gland of the Sheep.

M. D. Lederman (*Laryngoscope*, April, 1899) believes that the extract of the suprarenal gland of the sheep has established a permanent position for itself in the therapeutic armamentarium of the rhinologist. By its use bloodless operations upon the nasal septum can be accomplished, and the "fear of blood" sentiment often met with in neurotic patients can be removed by the conscientious statement that little, if any, blood will be lost during the operation.

The difficulties heretofore met with in the preparation of the desiccated gland, can now, in a great measure, be removed. It is well known that the watery solutions rapidly become putrid and unfit for use. The addition of antiseptics, while they retard putrefaction, unfortunately interferes with the hemostatic properties of the gland.

After many experiments Lederman has found a 25 per cent. solution of glycerine in water to be a very satisfactory menstruum for solution of the gland; and glycerine itself, being somewhat antiseptic, prevents putrefaction without retarding the physiological action of the gland.

His method of application has been to apply the glycerowatery extract by means of cotton applications before and immediately after the application of cocaine. Constitutional symptoms of cocainism are thus avoided. Two or three applications of the suprarenal extract are sufficient. After its use the swollen mucous membrane rapidly assumes a contracted appearance, and an ischemic condition exists.

In next performing the operation very little blood will escape. Reaction, however, sometimes occurs and it is always judicious to insert a nasal tampon for twenty-four hours after-