

multilocular varieties drainage must also be kept up to permit escape of the fluid effused subsequent to the operation. The aim is thus to obliterate the sac by exciting adhesive inflammation of its walls.

Thick-walled fibro-cysts are often very rebellious. Following the above treatment I have introduced a solution of zinc sulphate through a tube which carries a positive platinum wire, and employed 50m.a. to 75m.a. for ten or twelve minutes. I have also used a zinc positive electrode.

When the contents of a cyst are not sufficiently fluid to pass through the canula, some of the saline solution should be forced in, and currents of 50m.a. to 100m.a., or, if the patient will tolerate it, and it is necessary, 150m.a. to 200m.a. employed. This will liquefy the contents, which may be withdrawn immediately or at the following *séance* eight or ten days later.

Puncture of the thyroid, apart from electrical treatment, is not devoid of danger. Considerable dexterity is required, and a slight error may prove disastrous. When in addition to this we consider the power of the agent employed, it will easily be understood that great care is requisite both during and subsequent to the operation. Cleanliness and strict antisepsis are imperative. Drainage should not be unnecessarily prolonged.

With regard to exophthalmic goitre, I have nothing novel to offer. I meet very few genuine cases, and think that the Fellows fully appreciate the value of galvanization of the sympathetic and other electrical methods.

I have modified the canula and attachment of the Potain aspirator by enlarging the lumen to permit the easy passage of No. 3 drainage tubing. I have had the tube of the canula constructed of platinum. It may thus be used with the positive pole; and I have added a second stopcock, which renders it independent of the reservoir.

As the use of chemical solutions corrodes

metal parts, I employ for injection a second bottle, with tubes of glass leading to and from it. I have also furnished it with a third tube to facilitate the introduction of the solution. Provision is also made for emptying the sac after treatment without polluting the contents of reservoir.

The possession and care of the necessary apparatus, and the ability to employ it skilfully, minute acquaintance with fundamental laws, and a proper estimation of the power of this agent, are only a few of the factors which militate against the electrical treatment of goitre by the general practitioner, and he will be wise if he resist the temptation to use it.

Finally, the keynote of success is discrimination.

Society Proceedings.

MONTREAL MEDICO-CHIRURGICAL SOCIETY.

Stated Meeting, November 2nd, 1894.

G. P. GIRDWOOD, M.D., PRESIDENT, IN THE CHAIR.

Case of Primary Carcinoma of the Liver.—Dr. MARTIN read for Dr. Adami the report on this case as follows.

During the last session of the Society I brought before the Montreal Medico-Chirurgical Society a case of true adenoma affecting the liver of a woodchuck, and arising primarily, as its structure amply demonstrated, from the parenchyma of that organ.

I have now to describe you a case of very similar nature in the human liver, only here the adenoma has taken on a malignant character, and secondary growths have developed elsewhere.

The specimen was obtained at a post-mortem made at the Royal Victoria Hospital on September 4th. The subject from whom it was obtained, J. B., aged 45, entered the hospital under Dr. Stewart, complaining of weakness and loss of flesh, with pain and swelling in the abdomen. He had been addicted to good living and excessive use of alcohol, and there was a doubtful specific history. About a year before admission there had been a violent attack of jaundice, from which patient gradually recovered.

The liver dulness extended from the fifth rib