

allowed to remain in the abdomen. Moreover, it prevents pregnancy at any future time in a crippled woman.

Lately the operation has been twice performed by Prof. Spath. In the first the mother and child survived, but the second was unsuccessful, as also was a third performed by Prof. Bran, except that the child was saved.

From *Lyon Medical*.

#### USEFULNESS OF THE HOT BATH IN METRORRHAGIA.

The first conception of this method of treating metrorrhagia belongs to a Dijon professor, Dr. Salgues, and its popularization is due to M. Tarnier. The baths should be of a temperature of 33° to 35° centigrade (91.4 to 95° Fahr.) and of from twenty to thirty minutes' duration. They should be repeated every day until the hæmorrhage no longer recurs. Their action is moreover very rapid, and oftentimes one or two baths will suffice to put an end to fluxes which, up to that time, had resisted all known hæmostatics. M. Tarnier, and after him, Prof. Bailly, have employed this means, especially in the metrorrhagias which occur as sequels of accouchement. M. Bailly does not resort to them during the first few days after labour; but beginning on the 10th day he thinks their employment rational, and he adduces, in support of his opinions, two very interesting observations. He attributes the efficacy of the hot bath under such circumstances to the fluxion which the application of the moist heat produces on the cutaneous surface; this fluxion having as a necessary consequence the relief of the congestion, and the rendering anæmic, the internal organs.—*Bull. Gen. de Therap.*

#### OVARIOTOMY, BY KARL V. ROKITANSKY, JUN.

Karl v. Rokitsansky, Jun., of Vienna, takes the following precautions:—Before the operation the room is thoroughly aired for at least two days. The patients take several warm baths to excite the cutaneous functions, and the bowels are regulated. Some hours before the operation the rectum is emptied by an injection. Relative to the instruments and utensils, the most scrupulous care is exercised

as to cleanliness. The instruments are dipped in carbolized oil 5% before use. The sponges, which are used solely for these operations, are kept in a covered jar filled with 5% carbolic solution from one ovariectomy to another. A quarter of an hour before anæsthesia, which is always done with pure chloroform, a subcutaneous injection of atropine sulph. 0.005, morph. muriat. 0.07 is given. Before the operation the abdomen is washed with carbolized lotion 2%. The wound being closed with sutures is dressed with lint soaked in 2% carbolized oil, carbolized tow and a flannel bandage. The dressing is changed on the second to the fifth day. The first two weeks the patient has a room to herself; and the first five days has a special nurse. The three or four first days liquid nourishment—soup, milk, rice or barley water,—forms the diet. After the fourth day roast meat; after the ninth or tenth day gradually the usual diet is resumed.—(*Wiener Med. Presse.*)

#### EXPERIMENTS ON THE PRODUCTION OF SUGAR IN THE LIVER.

BY CLAUDE BERNARD.

A stream of water is caused to pass through the vena porta until the sugar and the glycose are completely washed out of the liver. The ferment, which is still present in large quantity, is obtained by cutting the liver into small pieces and pouring on it five times its weight of glycerine, macerating it for two or three hours, and filtering. The glycerine will contain the ferment from which it can be separated by alcohol. Claude Bernard was convinced by experiment that this ferment had the same properties as the diastase of barley.

From *Lyon Medical*.

#### A VERY SIMPLE MEANS OF CARRYING NITRATE OF SILVER INTO THE UTERINE CAVITY.

Prof. Pajot says:—I take a piece of lamina about two millimetres in diameter, dip it into a very concentrated solution of gumarabic, roll it in a very fine powder of melted nitrate of silver and allow it to dry. I thus obtain an unbreakable pencil of the ordinary size, which may be carried as deeply as there can be any need, and in all directions. It is mounted on the ordinary caustic holder.