

placed in bottles filled with Van Swieten's solution or carbolic lotion. At the moment of use it is once again plunged into boiling water.

M. Terrillon covers the points of suture with a layer of iodol or iodoform ointment, and strongly recommends the practice.—(*Le Progrès Médicale*)—*Annals of Surgery*.

EXTENSIVE CARBUNCLES TREATED BY ETHER; RAPID CONVALESCENCE. By Edmund Owen (London). The patient, a thin, unhappy looking man, aged 55 years, a carpenter by trade, was admitted on December 9th, 1887, for carbuncles over each shoulder blade. They had been developing for about three weeks. The long diameter of the right sore was five inches; the skin was much undermined; a large central slough was bathed in offensive pus. The left sore was rather larger than the right, but the slough was more adherent. The man was utterly prostrated. Under ether, the sloughs were removed and the sores scraped out, the undermined skin was trimmed and the surface which it covered thoroughly cleaned out with Volkmann's spoon. The wounds were then washed with 1-1000 sublimate solution, and dusted with iodoform and covered with moist perchloride gauze and pads of blue wool. The man made a rapid recovery.—(*Lancet*)—*Annals of Surgery*.

SULPHURIC ETHER IN HEART AFFECTIONS. —In enfeebled conditions of the heart, sulphuric ether has for a long time been used both internally and also by subcutaneous injections. I have myself been convinced, in many cases of hearts weakened by acute disease, of the excellent effects of subcutaneous ether injections: the pulse immediately after the injection becomes stronger, fuller and slower. The effect, however, is generally not of long duration. Not long ago, von Bamberber reported a case in the *Wiener Klin. Wochenschrift*, where in a patient with fatty heart, the dyspnoea, which had increased to a dangerous extent, and the marked symptoms of congestion, all disappeared after the hypodermia injection of a single Pravaz syringe of ether. Högerstedt also recommends, in the *Petersb. Med. Wochenschrift*, the ether injections in insufficiency of the heart.

The results of the ether injection depends, of course, upon the strength or capabilities of the heart muscle. In advanced cases of heart debility, if the general causes on which it depends cannot be overcome or, at least, mitigated, or when the causes have resulted in great degeneration of the heart muscle, then the effect of the ether injection is either *nil* or slight, and of short duration. At the best, under such circumstances, life can only be prolonged by assisting the enervated heart-power. When, however, weakness of the heart suddenly occurs, evidently dependent upon atony or dilatation, with, at the same time, a sufficiency of healthy muscular fibres, then it is only necessary to exert a powerful impulse in order to bring about increased contraction, and thus quickly restore the normal equilibrium. In such cases ether exerts a marvellous and even life-restoring action.—*Dr. M. Heitler, in Centralblatt für Therapie*.

### Therapeutical Notes.

R Petrolei. ....

Balsami. peruv. .... aa ʒii.

Ol. lauri ..... gtt. viij.

Ft. liniment. ℥

In pediculi pubis to be applied with a camel's hair pencil.

R Hydrarg. biniodid. ....

Potass iod. .... aa 1 part.

Aq. distill. .... 1000 parts.

℥

To be used as a steam inhalation in tuberculosis.—*Miquel & Rueff*.

R Potass sozoiodol. .... gr. xv.

Lanolini. .... ʒv.

Vaselini alb. .... ʒss.

A dressing for wounds. ℥

R Trypsini. .... 200 parts.

Sodæ. bicarb. .... 200 "

Hydrarg. bichlor. .... 1½ "

Glycerinæ ..... 400 "

Aq. rosar. .... 3000 " ℥

A steam inhalation in diphtheria of children.