

*Case of Diabetes Mellitus.—Pulmonary Complications. Death and Autopsy.*—Under Dr. Ross. Reported by Mr. J. A. F. GILLES.

J. W., æt. 26, joiner, was admitted into the Montreal General Hospital under Dr. Fenwick, on the 1st September, 1876. He complained of great weakness, thirst, and frequent micturition.

Family history good. No tubercular or other hereditary taint. Has never indulged in excessive use of alcoholic drinks.

He dates the commencement of his present illness to about nine months ago, at which time he noticed that he was often very thirsty. At that time his appetite was good, but not voracious. He soon began to pass an increased quantity of water, getting up often six or seven times in a night.

Oct. 1st.—Was transferred to Dr. Ross whose term of service began. He is now considerably emaciated. The muscles feel soft and flabby; the skin is harsh, dry and rough; the countenance dull and careworn. There is slight œdema of the ankles. Tongue large, dry and foul, gums red, tender and somewhat swollen. His breath has very markedly the peculiar chloroform or violet-like odour. Pulse weak, about 65; temperature 97° F. He passes from 12 to 18 pints of water every 24 hours, of very pale, slightly feverish tinge, and an odour like that from the breath. Specific gravity 1040. All the sugar tests applied give most positive results, viz: Fehling's, Potash, Trommer's, and the Fermentation. Allowed to stand a few days in temperature of 70° to 80°, it does not decompose but turns sour and smells of vinegar. It contains no albumen. His appetite varies, but is generally good, and occasionally excessive. Bowels pretty regular—sometime has diarrhœa. Lungs normal. Sight not impaired. He suffers much from continued thirst, and drinks from 10 to 16 pints of water in the twenty-four hours, besides milk. Has been taking 4 pints of milk, chop and two eggs. Pot. bromid gr. xv. Tr. Calumb 3ss three times a day.

3rd.—Not much change. Diarrhœa has been troublesome, and required astringents to control it. The urine of 1st. Oct. tested for the amount of sugar pr oz. by comparing the specific