

examination was made in order particularly to exclude hydro-nephrosis. The diagnosis of ovarian cyst was made and an operation recommended. Urine: specific gravity 1030; no albumen or sugar. On July 13th chloroform was given and the usual incision made in the median line. The opening revealed an enormous cyst of the left kidney, filling the whole abdomen. The peritoneum over this was incised and the tumor enucleated, the ureter cut off and tied, and the usual vessels secured with silk ligature. The operation, as in the last case, was difficult; and the wall of the cyst gave way, notwithstanding all my care, and the clear fluid escaped, much of it getting into the abdominal cavity. Warm water was passed into the abdomen, and the peritoneum adjusted over the bud of the tumor. There were no adhesions, but the bleeding was considerable and difficult to control. The patient had no bad symptoms, the silkworm gut sutures were removed on the eighth day, and the wound found healed. On the tenth day the temperature rose to 103° , pulse quickened, tongue became coated, and the abdomen swelled. These symptoms continued, the temperature varying somewhat, but always being above normal. This was followed by a discharge from the vagina, described by the sister on duty as composed of blood and pus, and very offensive. Injections of carbolyzed water were ordered twice a day, and nothing more was heard of this symptom. After this improvement took place slowly, and the patient had completely recovered by Sept. 10th, when she left the city for her home.

In the early stage, before an abdominal tumor is noticeable, hydro-nephrosis has to be diagnosed from renal abscess, perinephritic abscess, and extravasation of blood. When of small size, it may be mistaken for hydatid or serous cyst of the liver or spleen. Between hydro-nephrotic and pyo-nephrotic tumors the diagnosis is sometimes impossible. In some cases of the latter disease, however, pus appears in the urine. The treatment being similar in the last two, an error in diagnosis would not endanger the life of the patient, and no doubt in many cases suppuration is set up from accident, so that pyo-nephrosis is simply an advanced stage of hydro-nephrosis. The greatest