

The following are his conclusions from a study of 450 cases of different operations in the kidneys :—

(1) Lumbar nephrectomy is a safer operation than abdominal nephrectomy.

(2) Primary extirpation of the kidney is indicated (*a*) in sarcoma of adult subjects, (*b*) in benign neoplasms at any age, (*c*) in the early stage of tubercular disease, (*d*) in rupture of the ureter, and (*e*) in uretal fistula.

(3) Nephrectomy should not be resorted to till after the failure of other measures : (*a*) in subcutaneous laceration of the kidney, (*b*) in protrusion of the kidney through a wound in the loin, (*c*) in recent wounds of the kidney or of the ureter, (*d*) in suppurative lesions, (*e*) in hydro-nephrosis and cysts, (*f*) in calculus of an otherwise healthy kidney, (*g*) and painful floating kidney.

(4) Nephrectomy is absolutely contra-indicated in (*a*) sarcoma of children, (*b*) in carcinoma at any age unless disease can be diagnosed at a very early age, (*c*) in advanced period of tubercular disease.

In the paper on “*Extirpation of the Kidney*,” by von Bergmann, already referred to (*Berlin Klin. Woch.*, Nos. 46, 47, 48, Nov. 1885), the lumbar method of operating is strongly recommended. Von Bergmann has operated three times for tumor of the kidney—two by the abdominal incision and one by the lumbar. The two cases operated on by the ventral incision died; the one by lumbar incision recovered. When the lumbar-incision is practised, the danger of peritonitis is avoided. Von Bergmann has excised the kidney five times for suppurative disease, with one death. In all five cases the suppuration was one-sided, there being in each case a tumor developed in the lumbar region of the affected side. In two of the cases the suppurative condition followed pregnancy. One of these died, but her condition before operation was far from good. She had high fever, rapid pulse, and was much emaciated. She died of shock four hours after the operation. The removed kidney was converted into two large pus sacs, and in the ureter an almond-shaped stone was found. In the two next cases the cause of the suppuration could not be ascertained. In both,