

operation. They were in good condition, and were bathed in the thin fluid which was found within the tumor. The uterus, as far as can be judged from the upper six inches sent, presents the usual appearances of the organ shortly after delivery. The wall is about one and a half inches thick; its vessels contain but little blood. The endometrium is loosely attached and yellow; under the microscope it shows marked fatty change. No endometritis of any description. The placental site (posterior) looks normal. The external surface of the uterus shows traces of old adhesions which have been torn through. No signs of recent inflammation, the peritoneum being smooth, glistening and pale. Some traces of old adhesions about the appendages, but the tubes are not obstructed and are free from any suppurative condition. The part of the tumor which was sent is an uneven, irregular mass as big as both fists. It consists of a firm elastic tissue, arranged in nodular masses, bound together by trabeculae and riddled with spaces or cavities of varying sizes and shapes. These cavities communicate freely with one another and with the surface of the specimen. A few are still closed, and when incised are seen to be filled with a thin, pale, opaque fluid, which has a slippery feel like synovia, and is not at all sticky. The fluid was not examined microscopically, but gave the impression of being chiefly serous in nature, and its opacity seemed due to detritus and fatty matter in suspension, not sinking to the bottom like cellular elements do. The walls of these spaces are smooth, glistening and slippery. They do not show any traces of present breaking down or necrosis, nor do they show traces of productive inflammation, but appear merely to be formed by a slow process of degeneration of the solid parts of the tumor with dilatation of the lymph spaces. Microscopic examination confirms this view, as the lining membrane is seen to consist of a thin zone of flattened cells, no granulations being seen. Microscopically the tumor is a myoma.