

morphonuclear leucocytes. The gland epithelium at such points is also cuboidal or flat. We also have stems of stroma projecting into some of the glands. These stems are covered over by one layer of epithelium, and the stroma cells are so swollen that they might very readily be mistaken for placental tissue. Some of the glands are gathered in groups and are surrounded by parallel and circular layers of muscle fibres.

The left tube is the seat of a typical tubal pregnancy.

**D i a g n o s i s .**—Subperitoneal and interstitial uterine myomata; pregnancy in the left Fallopian tube; diffuse adenomyoma in the right uterine horn, showing decidual formation and also gland hypertrophy.

This is a most instructive case. We have in many instances been able to trace the extension of the gland elements in the adenomyoma from the uterine mucosa. In this case we have an adenomyoma of the uterine horn and the stroma elements surrounding the glands have taken on a sympathetic decidual development, just exactly as does the uterine mucosa at times when tubal pregnancy exists. This is another point convincing us that even where we are unable to trace the direct continuity between the uterine mucosa and the gland elements in an adenomyoma they are in all probability derived from the same source, because they react in precisely the same manner as does the normal uterine mucosa; and, furthermore, they pour out their quota of menstrual blood at the period, as is evidenced by the fact that many of the glands are filled and markedly dilated with blood either recent or old.