

wall is only digested post mortem. I feel, myself, that although abdominal pregnancy *per se* has not been demonstrated, there is no reason why it cannot occur.

A pregnancy originating as an ovarian pregnancy has not yet been proved to exist. Parry says "that if an ovarian pregnancy does occur it must be rare and will be curious; if it never occurs, so much the better." Bischoff and Barry are said to have discovered spermatozoa on the surface of the ovaries of bitches shortly after coitus. If it is possible for the spermatozoa to penetrate the wall of the ovary and produce an ovarian pregnancy, then, as a consequence of Bischoff's and Barry's observations, ovarian pregnancy should be frequently met with.

There are two conditions that must not be confounded in the classification of ectopic gestation. The first of these is pregnancy in a bifid or bicornuate uterus, and the second is a pregnancy occurring in a rudimentary uterine horn. These conditions must, however, be considered in the differential diagnosis of an ectopic gestation.

PATHOLOGICAL ANATOMY.—After the impregnated ovum has become arrested in the tube, a decidua serotina, if not a decidua vera, is formed; the chorionic villi develop. This development is beautifully shown in an early impregnated uterus of the rabbit. I have a slide prepared from such a uterus while a student in Zurich. The tubal wall, into which the chorionic villi push themselves, becomes thinned, and this is well shown in one of my specimens of unruptured tubal pregnancy. The specimen had not ruptured, but was on the point of rupturing.

Still further changes now take place. Blood vessels become increased in size and in numbers, the parts become very much congested, and the swelling of the tube, as seen in several of these specimens, closely resembles a small myoma in its interior. A decidua is formed in the interior of the uterine cavity; this decidua forms early, but is not likely to be shed until after the death of the ovum takes place or the tube has ruptured. I show here a specimen taken from a woman who died at our Union Station a few months ago. She died from intraperitoneal hemorrhage that was produced by rupture of a tube containing an ectopic gestation. Even though the pregnancy was of short duration, the decidual lining can be distinctly seen.

A tubal pregnancy is frequently injured by the rupture of its