FALLOPIAN TUBE (Syno nyms: Uterine tube, o viduct)

The litterine tubes are p aired structures, measuring about 10 cm and are situated in the medial thritte-fourth of the up per fiee margin of the oad ligament, Each tube has got two op enings, one communicating with the lateral angle of the uterine cavity called uterine op ening and measures 1 mm in diameter, the other is on the Jateral end of the tube called pelvic op ening or abdo minal o situm and measures alon UT mm in diameter.

PRAT'S There are for up arts. From medial to lateral are-1) intramural or interstitial lying in the Unterline wall and messures 1.25 cm in length and Immin diameter, (2) isthmus-almo st straight and measures about 43-4 cm in length and 2 mm in diameter, (3) amp ullato hou up part and measures about 5 cm in length which ends in, (4) wide infundbulum measuring about 1.25 cm lon gwith maximum diameter of 6 mm. The aboth ornial or stumins surrounded by a number of radiating fimbridae (20-25), one of these is longer than the rest and is attached to the outer pole of the ovary called ovarian fimitial fixed. The

STRUCTURES It co nsists of three layers (1) Sero us:co nsists of p eito neum on all sides except along the line of attachment of meso salp inx, (2) Muscular, arranged in two layers of user longitudinal and inner circular, (3) Muscu us meinbrane has three difference cell by se and is thrown into longitudinal folds. The epithelium rests on a delicate vascular reticulum of connective tissue. Muscu us membrane is lined by:

(i) Co lumrar ciliated ep ithelial cells that are most p redo minant near the o varian end of the tube. These cells co mpuse 25% of the moosal cells, (ii) Secreto y oo lumrar cells are present at the istinic segment and comp ose 6 0% of ep ithelial cells, (iii) Peg cells are found in between the above two cells. They are the variant of secretor y cells. FUNCTIONS The imp or tent functions of the tubes are(1) Transp or to f the gametes, (2) To facilitate fertilization and survival of zygo te through its secretion.

teritization and sativation of 2 ygo te tino ugin its section and in a section and sativation of 2 yet by 18 from the uterine and no varian. Veno us drainage is through the pamp inflorm plexus into the ovarian veins.

LYMPHATICS. The lymp halties unal along the ovarian vessels to para-aortic no des.