

Oviduct secretion, contraction of muscles are important ova down and sperm up to fertilization rejoin. Oviduct consider as sperm storage for 24 hrs.

### Factors effect sperm transport in the female G.T.

- 1-Kind of insemination ( Natural or A.I.).
- 2-Chemical , physical semen composition.
- 3-internal movement of female G.T. and its secretion.
- 4-Hormones: estrogen,progesterone and oxyicine.
- 5-PG and spasmogen in semen
- 6-Sperm movement included, shape and tail movemonet, sperm narrow head with flat face. Fast tail movement.  
In mare sperm transport to reach site with in 15 mint.  
In cow -20-30 mint. In ewe-1 0-20 mint.
- 7- Immunologicaes specl factors, Mucous uterus secretion contain Immunoglobuline (IgG,IgM and IgI) While sperm and semen contain Antigen system like species specific antigen. These Ag could lead to reduce the sperm movement i:e agglutination which inhibit sperm movement in uterus.
- 8-Genital factors ; Kind of sperm , also has effect on sperm transport i:e Ram sperm movement in side ewe uterus is more than that of goat uterus.