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Course :Physiology

Department : Nursing

Assignment

Factors facilitating the movement of sperm in the female reproductive tract include:

1. The alkaline secretions of the prostate gland into the semen helps to create an alkaline environment in the acidic vagina to protect sperm in the vagina.
2. Prostaglandin present in the semen and female reproductive tract helps to facilitate myometrial contraction to help the movement of sperm towards the oviduct.
3. Oestrogen and oxytocin secreted in females help to assist myometrial contraction to facilitate the upward motility of sperm towards the oviduct.
4. Oestrogen facilitates the production of watery mucus in the cervix during ovulation to allow easy passage of sperm.