

Menstrual cycle: In a life cycle, a woman's body is vulnerable to a variety of changes. Influence of the pituitary and ovarian hormones: Follicle-stimulating hormone (FSH) and luteinizing hormone (LH) are secreted by the anterior pituitary. After ovulation, the ruptured follicle develops into the corpus luteum, which secretes progesterone, hence the level of progesterone increases in the luteal phase. Progesterone is required for the maintenance of the endometrium for implantation. (Luteal phase) In the absence of fertilisation, corpus luteum regresses and progesterone level decreases. LH induces ovulation.