

Menstrual cycle hormones

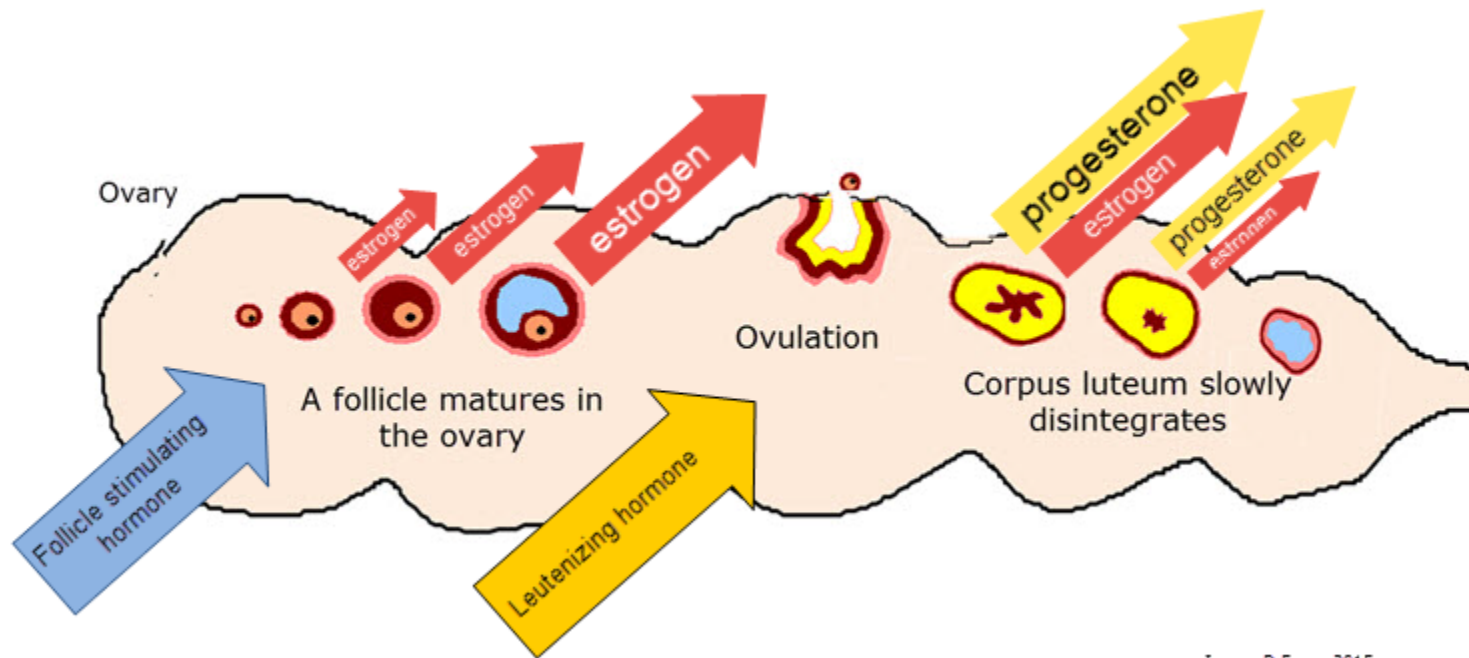


Image D.Faure 2015



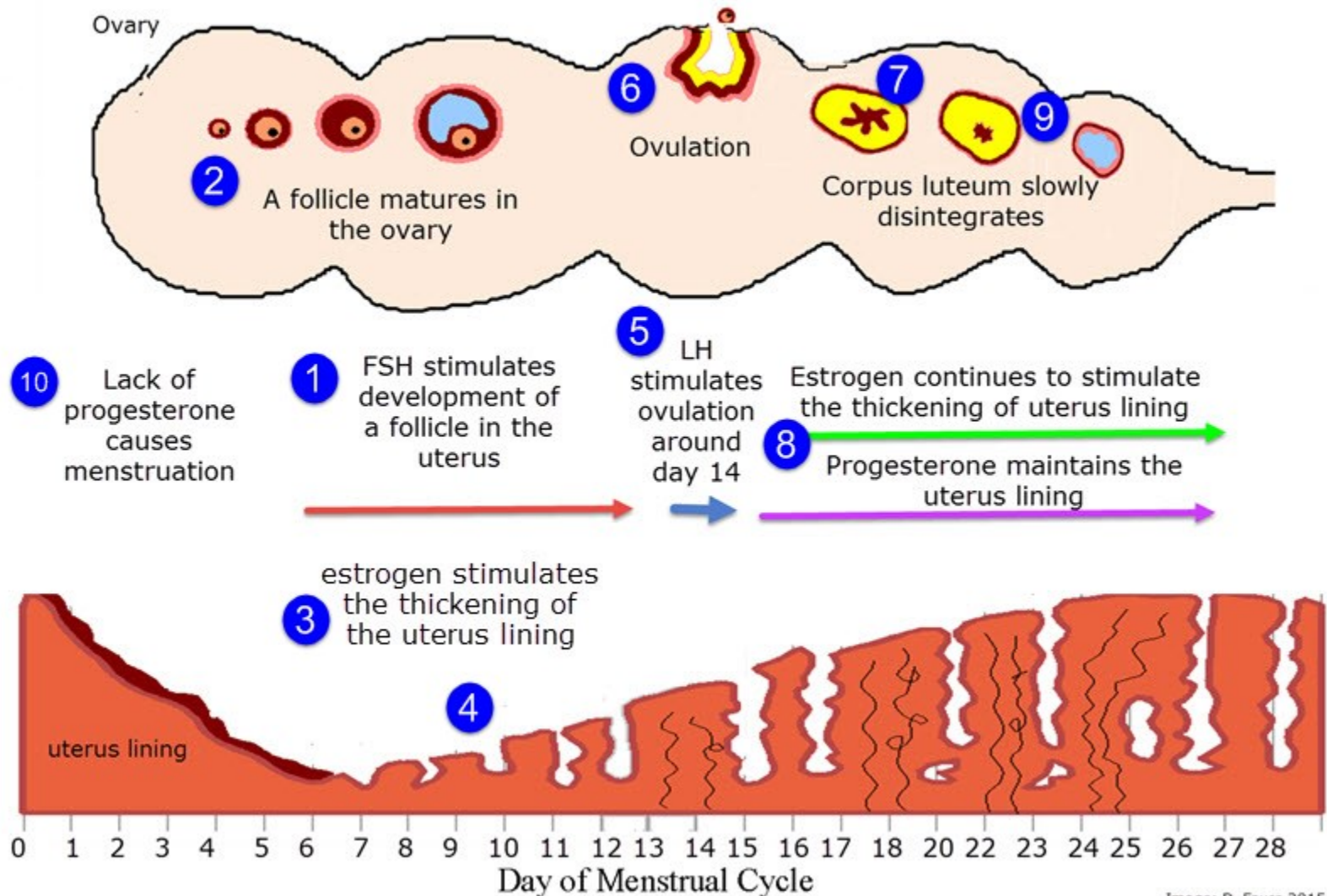
Menstrual cycle hormones

Hormone	Description
FSH	Made by the pituitary gland Promotes the development of follicles in the ovary
LH	Made in the pituitary gland Promotes ovulation & the formation of the corpus luteum
estrogen	Made by developing follicle and corpus luteum in the ovary Promotes thickening of the uterus lining
progesterone	Made by the corpus luteum Maintains the thickened uterus lining



Explain the process

Ovary, hormones and the uterus lining in the menstrual cycle



Hormone levels

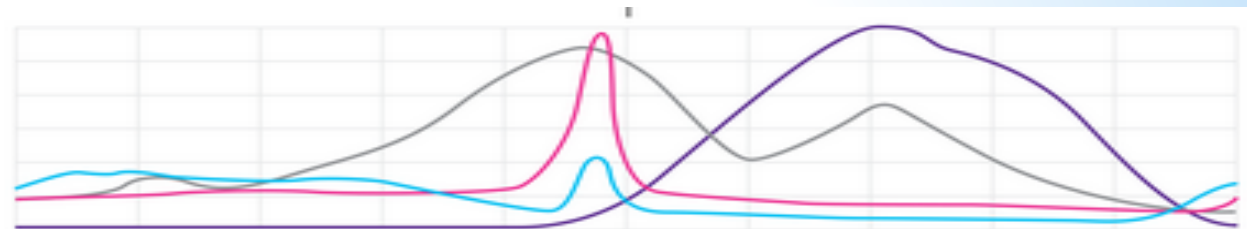
HORMONE LEVEL

FSH

LH

ESTROGEN

PROGESTERONE



OVARIAN CYCLE



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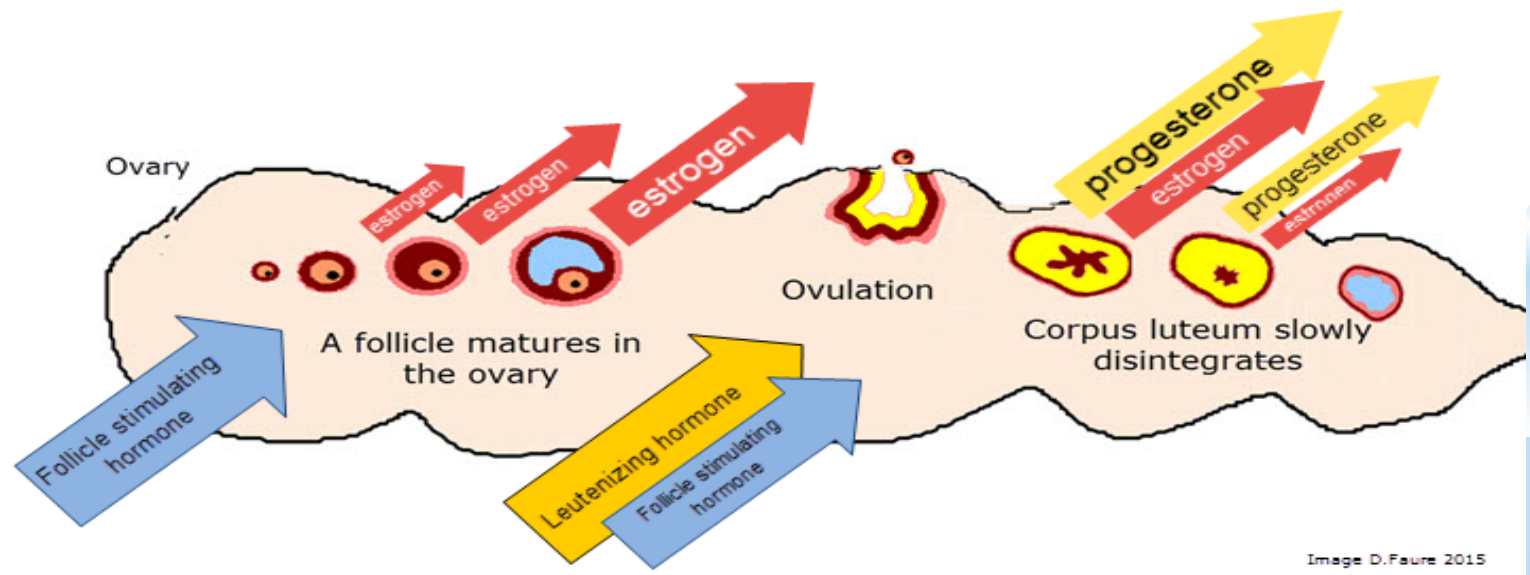


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Explained in words

1. FSH from pituitary stimulates development of a follicle.
2. Follicle in the ovary develops & secretes estrogen.
3. Estrogen promotes thickening of the uterus lining
4. Uterus lining thickens
5. LH 'spike' causes ovulation
6. Corpus luteum forms from empty follicle
7. Corpus luteum makes Progesterone and estrogen
8. Uterus lining continues to thicken and maintains thickness
9. Corpus luteum degenerates & stops making hormones
10. Low levels of estrogen and progesterone cause menstruation

