

CBL Case Semester – I

6th Week

LEARNING OBJECTIVE

1. What is menstrual cycle.
2. What are the phases of menstrual cycle.
3. What are the hormones released during the cycle how they effect and controlled.
4. Explain histological changes in ovary and endometrium.

13 year old girl has come to the doctor's office with her mother. Her mother is worried about irregularity in the menstrual cycle. She says that the cycles are infrequent that is occurring every 5 to 6 weeks, she also complains that sometimes the bleeding continues for 10-15 days. Her mother is very anxious and seeks advice.

On history mother explains the doctor that:

Menarche was 6 months back

She is at present in the 12th day of her current menstrual cycle

Secondary sexual characters are well developed

Her blood reports show:

FSH 10.5 IU/L N=(6.42 IU/L)

Estrogen 100 IU/L N=(149.74 IU/L)

LH 1.00 IU/L N=(3.96 IU/L)

Progesterone 0.01 IU/L N=(0.64 IU/L)