

“ENDOCRINE FUNCTION TESTS”



Department of Biochemistry

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stages such as pregnancy and breastfeeding. This topic was very much interesting to the participants as it had a wider coverage.

Topic: Reproductive Hormone of Hypothalamo Pituitary and Ovarian Axis.
Assays and Interpretations.

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The topic was initiated by discussing about how the hypothalamic-pituitary-ovarian (HPO) axis should be viewed as an entity that works in concert to allow for procreation by means of cyclic production of gonadotropic and steroid hormones. Doctor also emphasized on how this cycle is tightly regulated to select a dominant follicle for ovulation, meanwhile priming the endometrium for implantation. Additionally, she also discussed about how a patient's medical history can help delineate between the various etiologies, to tailor evaluation and management. Besides, the basic evaluation which includes follicle stimulating hormone (FSH), luteinizing hormone (LH), and estradiol (E2) was also discussed.

