

Female's Health

The female reproductive system consists of the external and internal genital organs. They include the hypothalamus (an area in the mid brain), the pituitary gland (located at the base of the brain, directly below the hypothalamus), and the adrenal glands (located on top of the kidneys). The hypothalamus directs the interactions among the genital organs, pituitary gland, and adrenal glands. These parts of the body interact with each other by releasing hormones.

Hormones are chemical messengers that control and coordinate activities in the body. The hypothalamus produces gonadotropin-releasing hormone, which stimulates the pituitary gland to produce luteinizing hormone and follicle-stimulating hormone. These hormones stimulate the ovaries to produce the female sex hormones, estrogen and progesterone, and some male sex hormones (androgens). (Male sex hormones stimulate the growth of pubic and underarm hair at puberty and maintain muscle mass in girls as well as boys.) After childbirth, the hypothalamus signals the pituitary gland to produce prolactin, a hormone that stimulates milk production. The adrenal glands produce small amounts of female and male sex hormones.

Infertility:

Infertility is the inability of a couple to achieve a pregnancy after repeated intercourse without contraception for 1 year.

This may be due to inability of the ovaries to release an egg every month.

Causes	Symptoms	Diagnosis	Treatment
Can result from dysfunction of the part of the brain and the glands that control ovulation or dysfunction of the ovaries.	Inability to conceive	Ultrasonography	Clomiphene Plus Medroxyprogesterone
	Irregular periods	Urine tests	Human Gonadotropins
		Blood tests	

Cervical Cancer:

Cervical cancer develops in the cervix (the lower part of the uterus).

Causes	Symptoms	Diagnosis	Treatment
Results from infection with the human papillomavirus, transmitted during sexual intercourse	May cause irregular vaginal bleeding but symptoms do not occur until cancer has enlarged or spread.	Pap test	Radiation and chemotherapy
		Biopsy	Vaccination for prevention before exposure

DISCLAIMER:

The Disease and Product Information mentioned herein is for information purposes only. OBS does not encourage or support self-medication practice and recommends a medical consultation when in need and before starting any therapy.