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position. cervical mucus, and change in the cervical elevation of basal body temperature, fertile are better primary indicators, including slight secondary sign of ovulation; however, there A variable amount of abdominal pain women. Mittelschmerz may be used as a mittelschmerz— accompanies ovulation in some

## **ANOVULATION AND HORMONES**

is induced. multiple pregnancy may increase when ovulation follicles and multiple ovulations. The incidence of agent, resulting in maturation of several ovarian administration of gonadotropins or an ovulatory women, ovulation can be induced by the Some women do not ovulate because of an inadequate release of gonadotropins. In some

## ANOVULATORY MENSTRUAL CYCLES

- proliferative phase until menstruation begins. not progress to the luteal phase; it remains in the luteum forms. Consequently, the endometrium does usual, but ovulation does not occur and no corpus In anovulatory cycles, the endometrial changes are minimal; the proliferative endometrium develops as
- gland; this inhibits secretion of gonadotropinreleasing hormone, follicle-stimulating hormone, and luteinizing hormone. ovulation by acting on the hypothalamus and pituitary progesterone (pregnancy hormone), suppresses The estrogen in oral contraceptives with or without