

MENOPAUSE

The period when permanent cessation of menstruation takes place. due to decreased secretion of sex hormones, estrogen, progesterone, -45-55 years.

CAUSE: At the age of 45 years, only few primordial follicles remain in the ovary to be stimulated by FSH & LH. Now the production of estrogen & progesterone. FSH & LH are continuously increased. When all the primordial follicles reabsorbed, estrogen secretion stops.

SYMPTOMS: mid to severe.

- 1) Fatigue
- 2) Nervousness
- 3) Emotional outburst like crying & Anger
- 4) Mental depression
- 5) Insomnia
- 6) Palpitation
- 7) Vertigo
- 8) Headache
- 9) Urinary disturbance -> Urinary
- 10) Hot flashes characterized by extreme flushing of the skin. The face become red followed by sweating & exhaustion.
↳ linked with LH surge
- 11) Vasomotor Instability.

TREATMENT

Psychotherapy, HRT - (Hormone Replacement therapy)
① Contraception -> Amniocentesis.

FERTILITY CONTROL

DANGEROUS PERIOD: If sexual intercourse occurs during this period, b/w few days before & few days after ovulation there is a chance of pregnancy.

SAFE PERIOD: The period, when pregnancy does not occur all 4 to 5 days after menstrual bleeding & 5 to 6 days before the onset of next cycle.

PREGNANCY TEST

⇒ Con of HCG in urine show Result

Biological test eg:

- ⇒ Karyacaman test
- ⇒ Aschheim zondek test
- ⇒ Hogben test.

Immunological tests.

based on double antigen antibody rxn - Gravidex test

