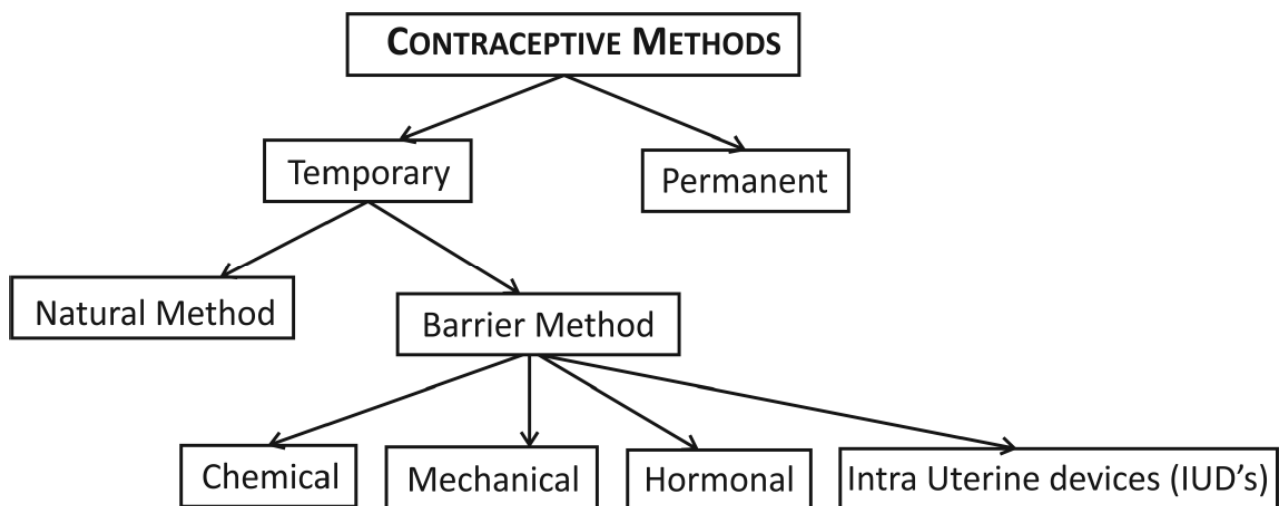


03

TNPSC GROUP II / IIA MAINS SCERT - SCIENCE & TECHNOLOGY QUESTION WITH ANSWER

3. Birth Control Methods & Medical termination of Pregnancy

- "Birth Control - Voluntary use of contraceptive procedure to prevent fertilization or prevent Implanation of fertilized egg in Uterus".



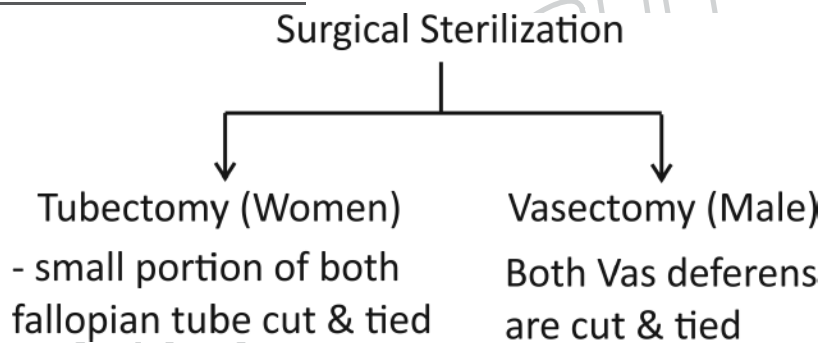
1. Natural Method : Prevent meeting of sperm with oocum

- Periodic Abstienence / Rhythm Method :
 - Ovulation occurs at 14th day of mentural cycle
 - Occum services for 2 days.
 - Sperm remains a live for 72 yrs hours
 - Avoid coitus during that period.
- Continuous abstinence
 - Not to have coitus for a definite period
- Coitus Interrupts
 - Withdrawing penis before ejaculation
- Location amenortiea
 - Menstural cycle resumes 6 to 8 weeks after delivery.
 - The delay in oxarian cycle for 6 months during forest - feeding called lactation Amenorhia.
 - Suppressing release of GnRH (Gonadotropin Releanging term)

2. Barrier Method

- a) Chemical barrier
 - Foaming tablets, melting suppositories, jellies & creams
- b) Mechanical Barrier
 - Condoms to prevent entry of ejaculated semen into female reproductive tract.
 - Diaphragms, cervical caps & vaults - for female
- c) Hormonal barrier
 - Oral contraceptives Eg. Saheli
 - Inhibits Secretion of FSH & LH hormones
- d) Intrauterine devices (IUD's)
 - Inserted by medical experts in Uterus
 - Copper releasing IUD's, Hormone releasing IUD's & non mediated IUD's
 - 95 to 99% success rate
 - Remain in uterus for 5 to 10 yrs.

3. Permanent Birth Control Methods



Medical Termination of Pregnancy (MTP)

- Voluntary (Intentional termination of pregnancy in a non surgical / Non Invasive way.
- Riskiness
- a. Extremely safe - upto 12 weeks (1st trimester)
 - b. No impact on women's fertility
 - c. Abortion during 2nd trimester - Foetus becomes intimately associated with maternal tissue - risky

Legal Aspect

- a. GOI legalized MTP in 1971
- b. Restrictions - Sex discrimination & Illegal female foeticides.

Impact

- a. MTP by unqualified quacks - unsafe & fatal
- b. MTP of 1st conception may have serious psychological consequences.