



Assisted Reproductive Technologies:

- Assisted reproductive technology (ART) is the technology used to achieve pregnancy in procedures such as fertility medication, artificial insemination, in vitro fertilization and surrogacy.
- Fertility therapies where eggs and sperm are manipulated
- Involve surgically removing eggs from women and combining them with sperm in the laboratory



Methods of Assisted Reproductive Technology





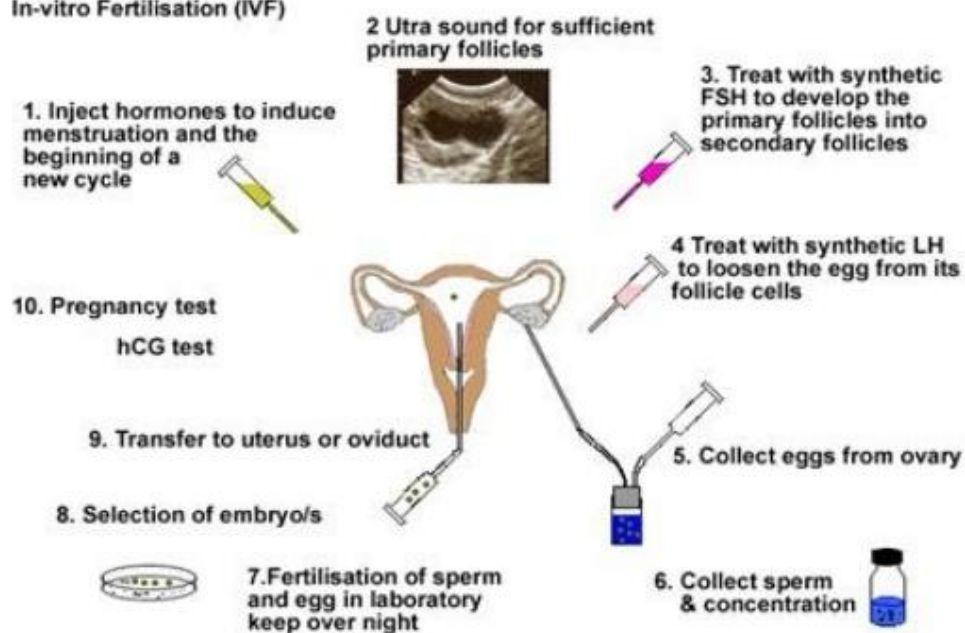
Definition:

IVF (in vitro fertilization) is a method in which egg cells are fertilized by sperm cells outside the mother's womb (in vitro).

The resulting embryos are then transferred back into the uterus.



In-vitro Fertilisation (IVF)





STEPS IN IVF

- Follicle suppression
- Controlled ovarian hyper stimulation
- Aspiration of eggs from follicles
- Fertilization, incubation and selection of embryos
- Embryo transfer
- Pregnancy test