

Hepatitis-b and HIV are transmitted easily by simply sharing the injections, syringes, or the surgical tools. It can also be transmitted through transfusion of blood from an infected person to another, or even in the developing fetus if the mother is suffering from STDs.

STDs when detected early, then are curable except for Hepatitis-B, HIV infections, and genital herpes.

Some common symptoms for STDs include itching, slight pain, fluid discharge, swellings, etc.

The STDs are asymptomatic for a long time in individuals thus leading to late detection of the disease making it incurable for the Individuals

The STDs result in various complications that include abortions, pelvic inflammatory diseases (PID), ectopic pregnancies, stillbirths, infertility, or even cancer of the reproductive tract. STDs act as a barrier to achieving a healthy society. Thus, in the case of STDs, the prime importance is given to prevention, early detection, and then the cure of these diseases under reproductive healthcare programmes.

Steps to prevent STDs:

- (i) To avoid sex with strangers/multiple partners
- (ii) Use condoms during coitus must be checked.
- (iii) If a slight irritation is observed contact an expert or a qualified doctor for early detection of disease and get treatment on time.

4.5: Infertility:

The inability to produce children even after the process of unprotected coitus is called infertility.

The reasons leading to infertility can be physical, diseases, congenital, immunological, drugs, or even psychological.

It is noticed that in the society mainly women are blamed for being childless but the problem can be in either of the male or the female.

The disorders of infertility can be treated sometimes with the help of the specialized health care units like infertility clinics and if these treatments are not effective then the couples can opt for Assisted Reproductive Technology (ART).

- (i) In-vitro Fertilisation (IVF): The process involves the method of fusion of gametes outside the body mainly in the laboratories where the conditions that are similar to the body are maintained. The fertilized zygote formed will then be divided and