



Reproductive System.

• Gauriisharma929@gmail.com

You notice that some students changed a lot over the summer but others hardly changed at all. Although you and your class-mates are about the same ages, you are at different stages of physical development. Your reproductive systems are at different stages of development, too.

Male Reproductive System

Adult males have many body characteristics that differ from adult females. Men usually have more body hair, deeper voices, and larger, more muscular bodies than women do. These features develop as boys get older and their reproductive systems grow toward maturity.

Male Reproductive Organs

The testes are inside a baglike structure called the scrotum. It hangs outside the male's body cavity, which keeps the testes slightly cooler than the rest of the body. Normal human body temperature is too warm for sperm production. The cooler temperature in the scrotum enables sperm production. **Organs of Sperm Production** The testes contain tightly coiled tubes called seminiferous tubules. Sperm travel from seminiferous tubules to a storage organ within the scrotum called the epididymis connects to muscular ducts or tubes called the vas deferens **Organs of Sperm Transfer** The male organ that transfers sperm to a female's reproductive tract is a penis. During sexual activity, sperm move from the vas deferens into a short ejaculation duct that connects to a tube called the urethra. The urethra extends to the end of the penis and carries sperm out of the body. The urethra also carries urine, but ejaculation and urination never occur at the same time.

When a male is sexually excited, the tissues of the penis fill with blood. This extra blood causes an erection, or firming of the penis. An erection is needed for the penis to enter a female's reproductive tract. During an ejaculation, sperm leave the epididymus, enter the vas deferens, move to the urethra, travel down the urethra, and out the end of the penis. It is important to know that sperm can leave the penis without the male's knowledge, either before ejaculation or during sexual activity that does not result in ejaculation.