

# Male & Female Anatomy



## REPRODUCTIVE SYSTEMS

# Terms



- **Endocrine System** – controls the growth during childhood and the changes during puberty. It controls the chemical messengers that maintain bodily functions and promote growth.  
Ovaries (estrogen) & Testicles(testosterone)
- **Hormones** – chemical substances released into the blood stream that travel to other organs & tissues

# Puberty...What happens?



# Puberty...What happens?

Process of physical changes by which a child's body becomes an adult



- **Male**

Growth

Hairline recession

Acne

Permanent teeth

Voice

Shoulders

Hair – public, facial, chest..

Perspiration

Genitals enlarge

Sperm production

- **Female**

Growth

Acne

Permanent teeth

Hair – pubic, armpit...

Perspiration

Breasts

Waistline & hips

Menstruation/ovulation  
begins



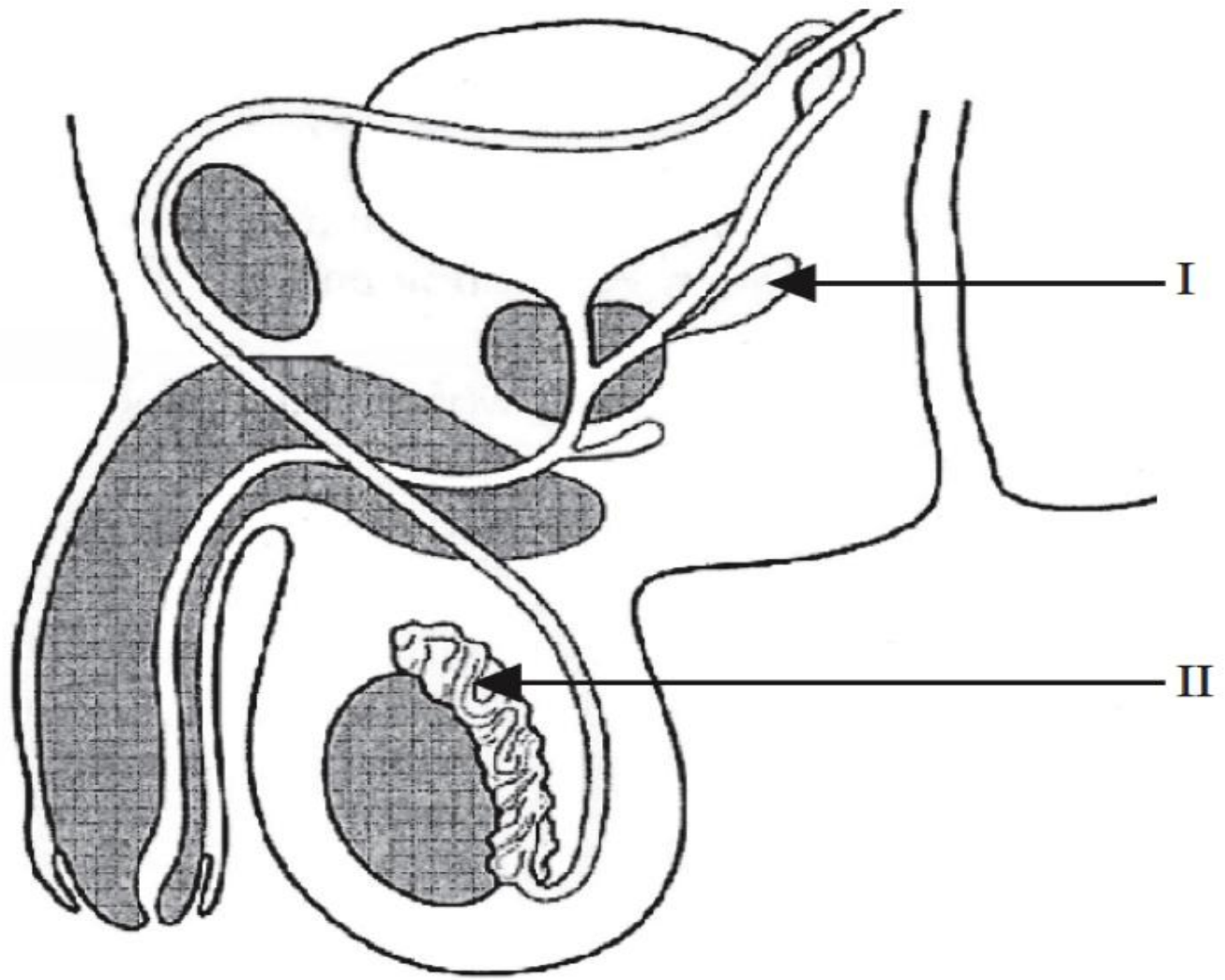
- Male & Female Anatomy worksheet
  - Pages 302 - 315

# Male



- Scrotum
- Testicles
- Testosterone
- Epididymis
- Vas Deferens
- Seminal Vesicles
- Prostate
- Cowper's Gland
- Urethra
- Penis

- Path of the Sperm



# Terms



- **Erection** – Extra blood fills tissues & blood vessels of penis hardening it
- **Ejaculation** – sperm leave the body
- **Nocturnal emissions** – “wet dreams”



# Complications



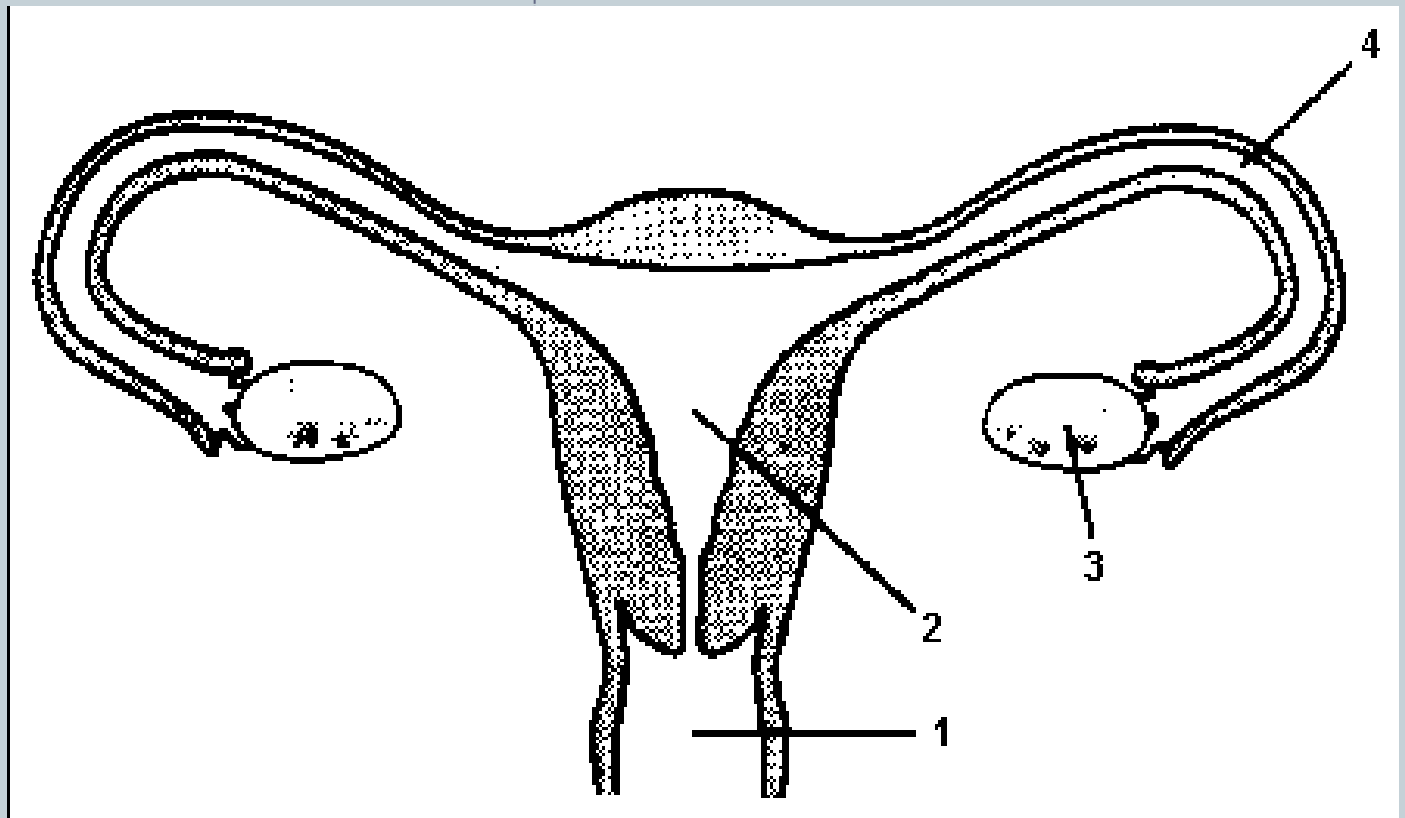
- **Cancer** – prostate & testicular
- **Enlarged prostate** – may block urination
- **Undescended testes** – do not drop into scrotum
- **Inguinal hernia** – tissue between abdomen & scrotum
- **Testicular Rupture** – a forceful blow to the testes/crushing testes against the pubic bone=surgery
  
- See a doctor for a yearly physical!!
- Self exams should be done **monthly**.

# Female



- Ovaries
- Fallopian Tubes
- Uterus
- Cervix
- Vagina

- Path of the egg



# Complications



- Cancer
- Menopause
- PMS – Pre-Menstrual Syndrome
- Toxic Shock Syndrome
- Ovarian Cysts
- Ectopic Pregnancy
  
- See a doctor for a yearly physical!!
- Self exams should be done **monthly**.