

Component 3-Terminology in Healthcare
and Public Health Settings

Unit 10-Reproductive Systems
Lecture 10b-Male Reproductive
System

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Male Reproductive System

- Objectives
 - Define, understand and correctly pronounce medical terms related to the male reproductive system
 - Describe the following in relation to the male reproductive system
 - common diseases and conditions
 - laboratory and diagnostic procedures
 - medical and surgical procedures
 - medications

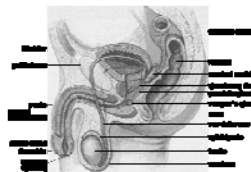
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Male Reproductive System Overview

- Testes
- Scrotum
- Network of excretory ducts
 - Epididymis
 - Ductus deferens (vas deferens)
 - Ejaculatory ducts



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Male Reproductive System Overview

- Testes
- Scrotum
- Network of excretory ducts
 - Epididymis
 - Ductus deferens (vas deferens)
 - Ejaculatory ducts
- **Seminal vesicles**
- **Prostate gland**
- **Penis**



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Disorders and Diseases of the Penis

- **Balanitis**
 - Inflammation of the skin covering the head of the penis
- **Erectile Dysfunction**
 - Inability to obtain or maintain an erection
- **Infections**
 - Chlamydia
 - Genital warts
 - Gonorrhea

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Disorders and Diseases of the Prostate

- **Prostatitis**
- **Benign prostatic hypertrophy (BPH)**
- **Prostate Cancer**
 - Rare in men under 40
 - PSA diagnostic test
 - Symptoms
 - painful or difficulty with urination
 - low back pain
 - pain with ejaculation
 - Treatment depends on stage of cancer

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Disorders and Diseases of the Testicles

- Testicular Disorders
 - Inflammation or infection
 - Symptoms
 - Lump
 - Redness
 - Pain
 - Other changes in testicle
 - Treatment depends on cause

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Disorders and Diseases of the Testicles

- Testicular Disorders
- Testicular Cancer
 - Risk factors
 - Age: mainly young men between 20-39 years
 - History of undescended testicle
 - Family history of testicular cancer
 - Symptoms
 - Pain, swelling or lumps
 - Treated by surgery, radiation or chemotherapy
 - Complications of treatment: infertility

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Combining Forms - Male

Word Part	Meaning	Key Terms
gonad/o	gonad	hypergonadism
orch/o	testis	orchitis
orchi/o	testis	orchiectomy
prostat/o	prostate	prostatectomy
spermat/o	sperm	spermatoid
test/o	testis	testitis
vas	vas deferens	vasectomy

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Unit 10

Tell me, Detective

An elderly gentleman presented to the Urology Clinic with painful urination, difficulty with urination and low back pain. The urologist ordered a prostate specific antigen (PSA) test.

What diagnosis is the physician trying to confirm?



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For additional information on content covered in this unit, please visit:

<http://www.nlm.nih.gov/medlineplus/malereproductivesystem.html>

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