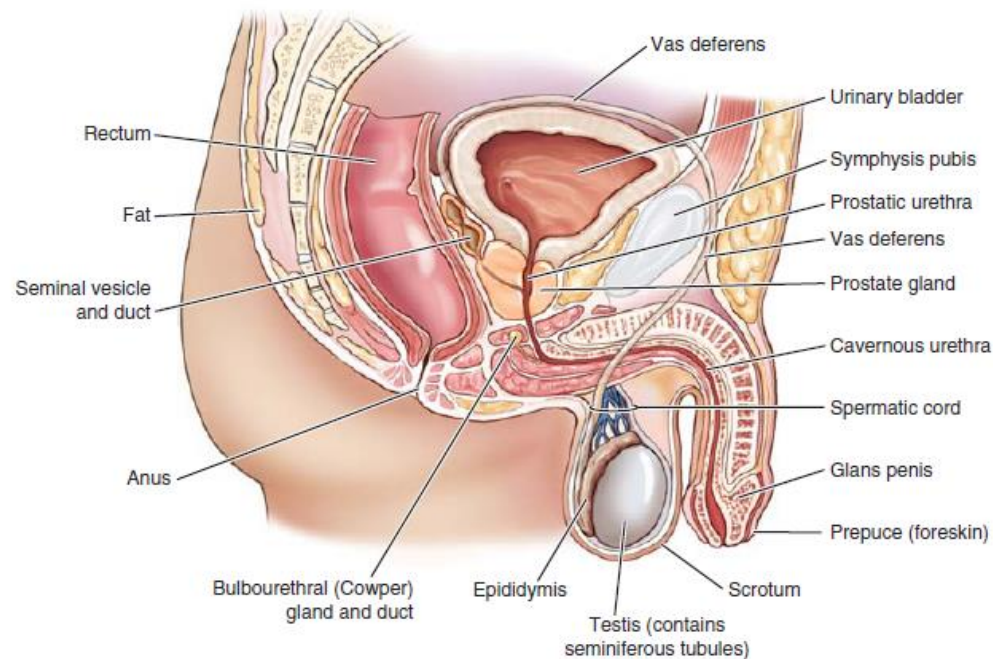


Chapter 7

Male Reproductive System



Chapter 7

Objective 1: Pronounce organs and anatomic structures of the male reproductive system.

Organs (1 of 2)

The organs of the male reproductive system include the ***external*** genitalia:

- the penis
- scrotum, within which are contained the testes and an initial section of the vas deferens

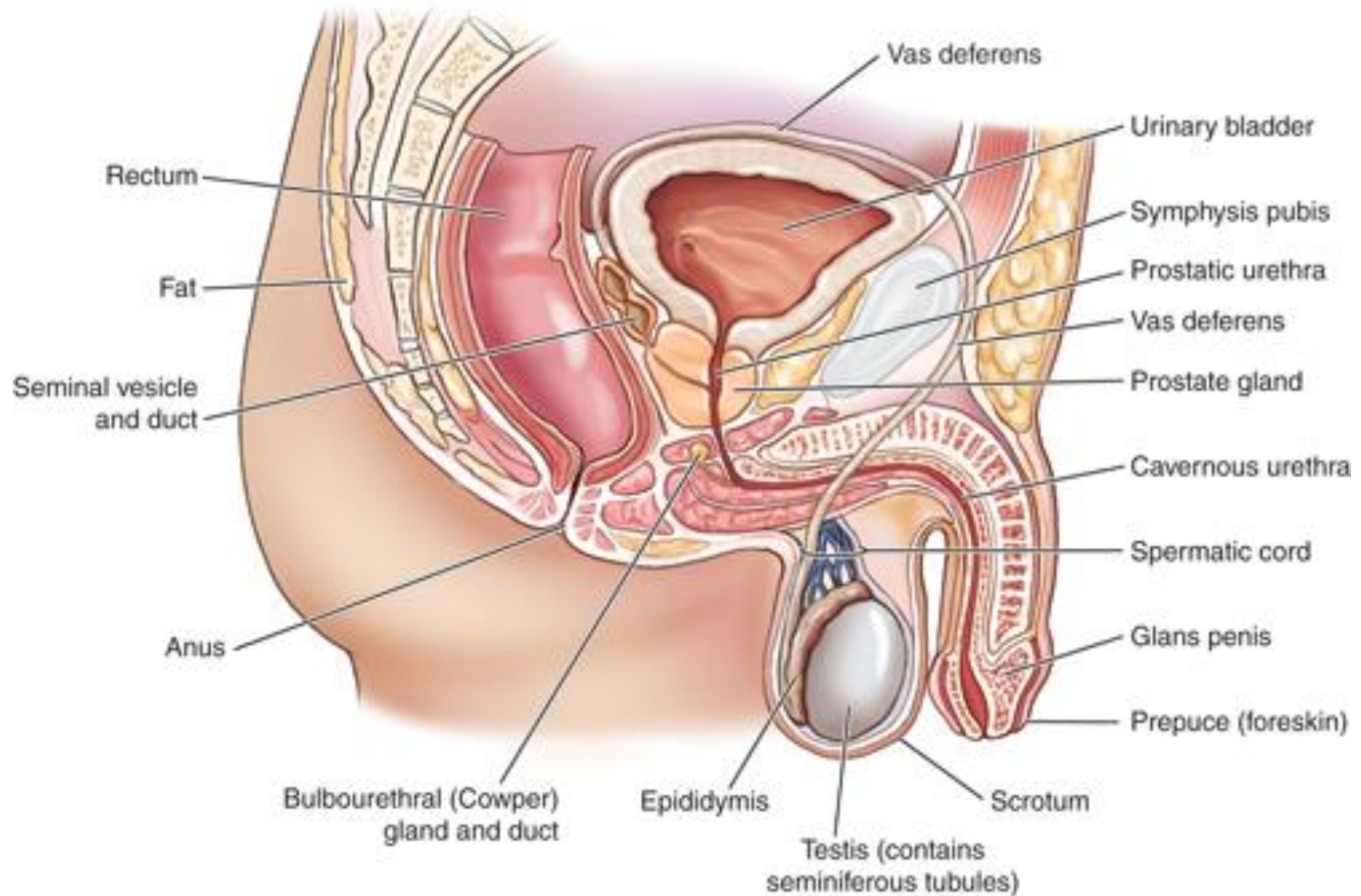
Organs (2 of 2)

Internally, the male pelvis includes:

- a major portion of the vas deferens
- the seminal vesicles
- the prostate gland

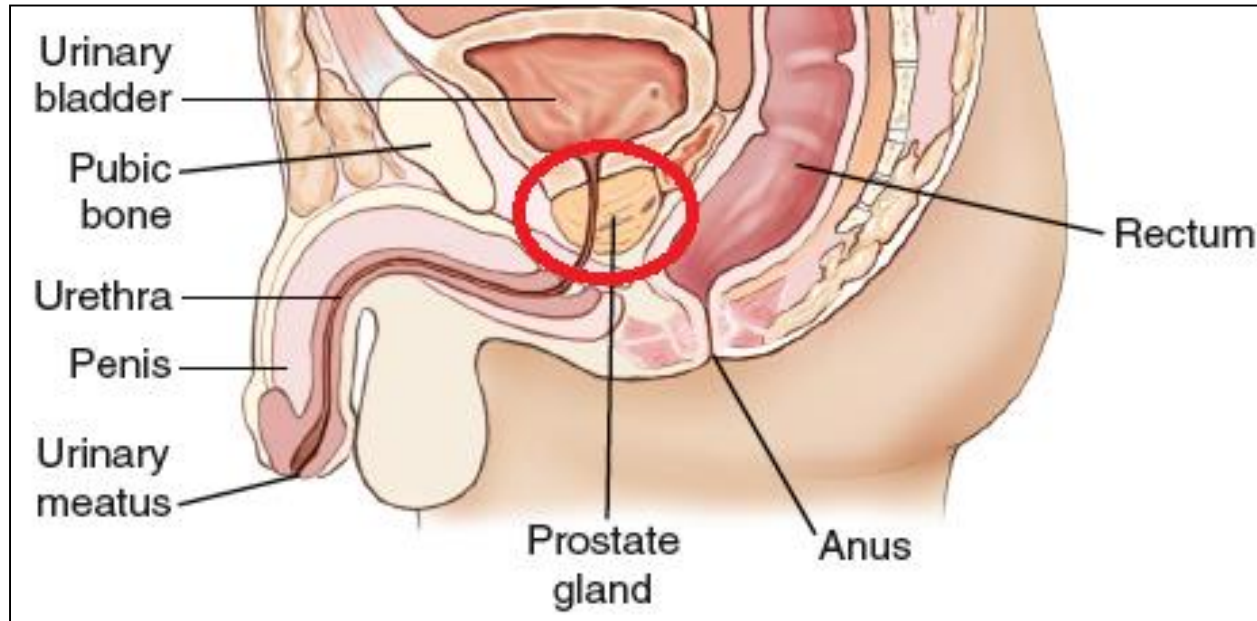
The penis and urethra are shared with the urinary system.

Male Reproductive Organs



Male Reproductive System

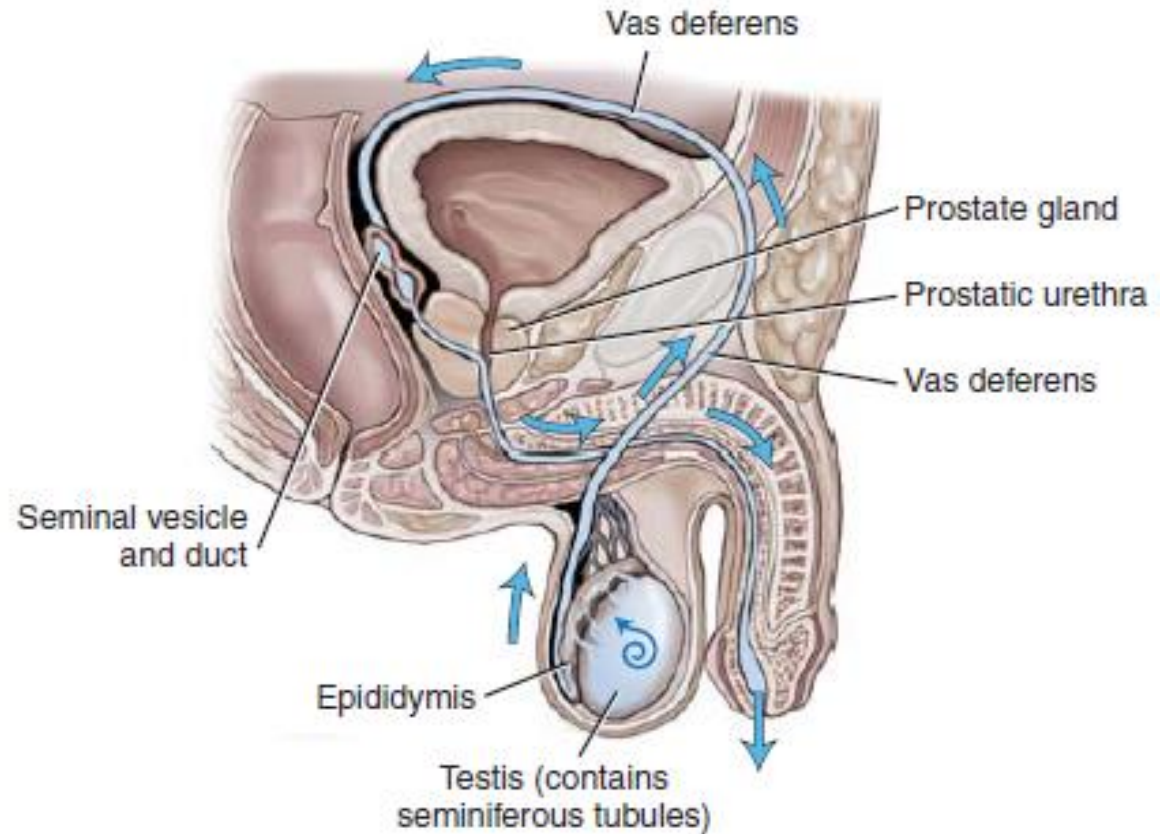
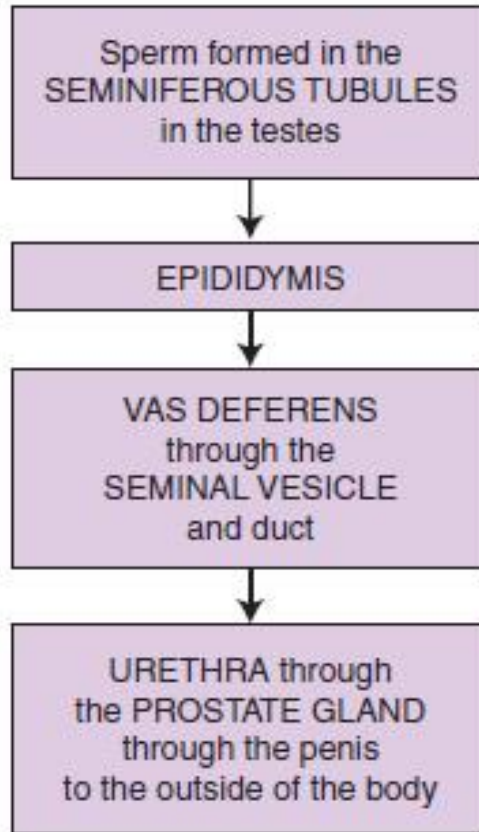
Prostate Gland: Spelling



PROSTATE
(PROS-tāt)

PROSTRATE
(PROS-trāt)

Origination and Transportation of Sperm



Pronounce Male Reproductive System Organs and Anatomic Structures Review

Select the pronunciation of the anatomic structure defined.

ANSWER CHOICES

(PĒ-nis) (TES-tēs) (tes-TOS-te-rōn) (spurm) (PRE-pūs) (SKRŌ-tem)

1. sac containing the testes and epididymis
2. fold of skin covering the glans penis in uncircumcised males
3. microscopic male germ cell
4. principal male sex hormone
5. primary male sex organs
6. male organ of urination and coitus

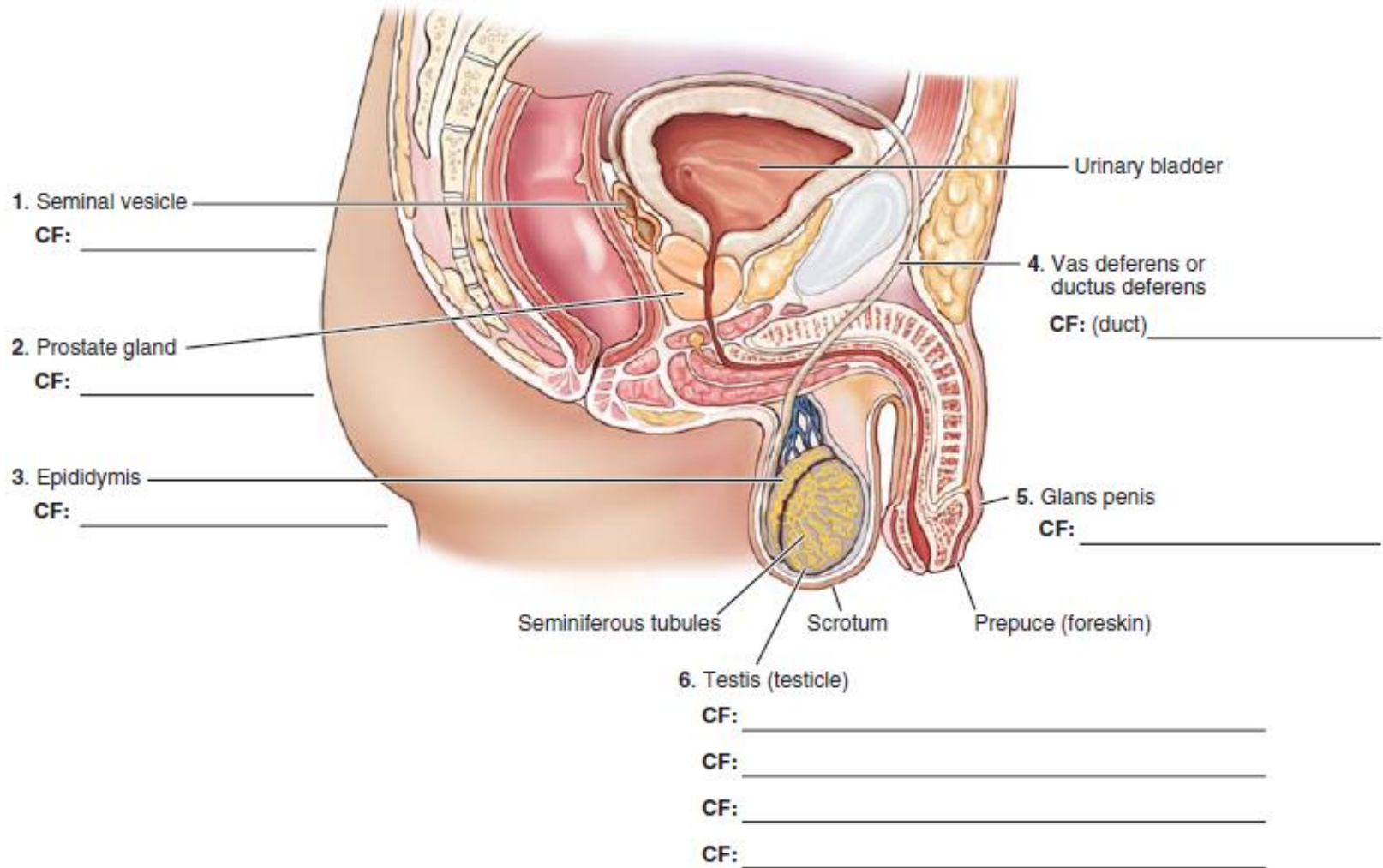
ANSWERS

1. (SKRŌ-tem)
2. (PRE-pūs)
3. (spurm)
4. (tes-TOS-te-rōn)
5. (TES-tēs)
6. (PĒ-nis)

Chapter 7

Objective 2: Define and spell word parts related to the male reproductive system.

Review Question



Suffix

- **-ism** meaning “state of”

In the condition of an undescended testis, the medical term **CRYPTORCHIDISM** makes use of “ism” to denote “state of.”



2. The *arrow* shows the path the testis takes in its descent to the scrotal sac before birth.

What is the meaning of the combining form CRYPT/O?

HIDDEN

Review Question

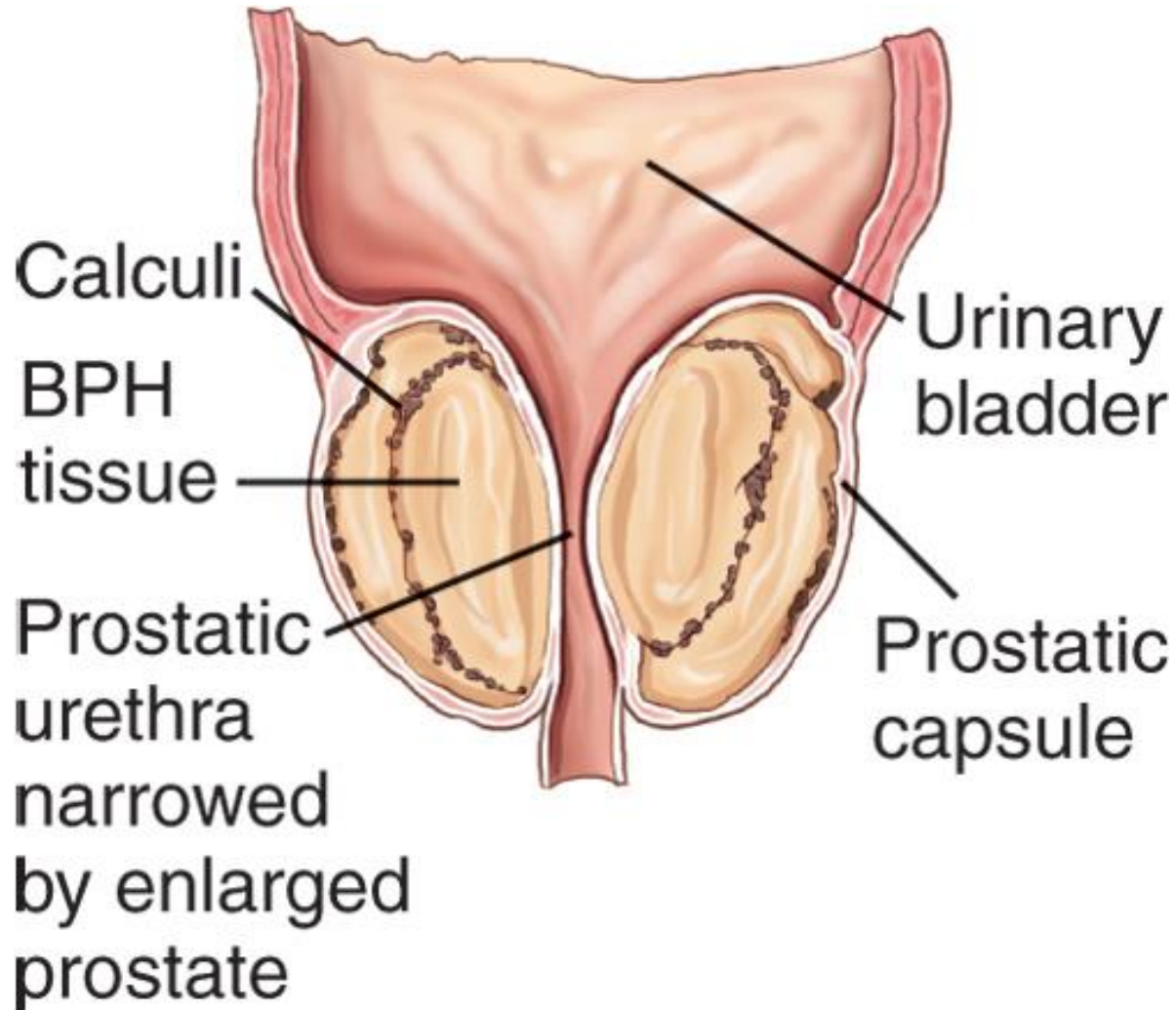
Orchid/o, orchi/o, and orch/o are all combining forms for testis, testicle.

- a) True
- b) False

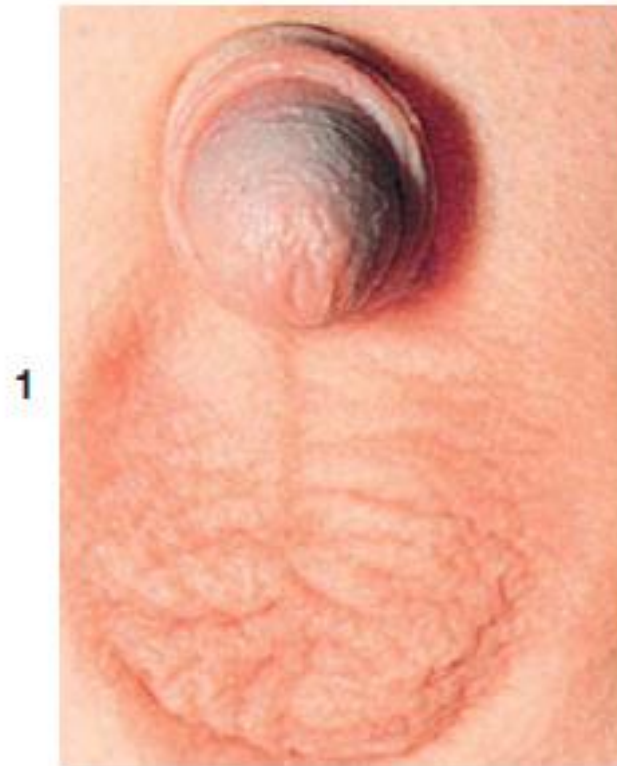
Chapter 7

Objective 3: Define, pronounce, and spell disease and disorder terms related to the male reproductive system.

Benign Prostatic Hyperplasia



Review Question



1. **crypt** **orchid** **ism**
hidden / testis / state of

Review Question

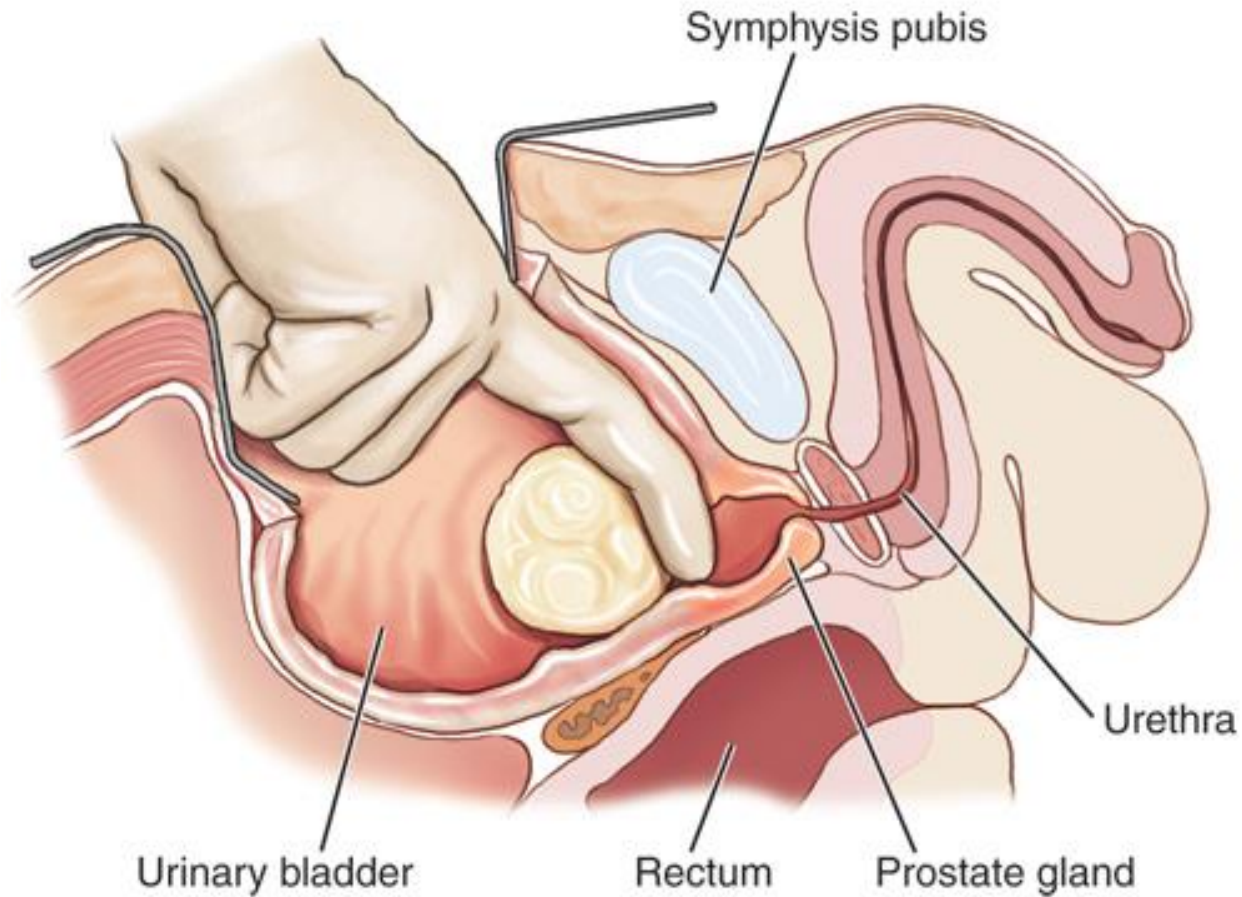
Which of the following means discharge from the prostate gland?

- a) phimosis
- b) hydrocele
- c) prostatorrhea
- d) prostatitis

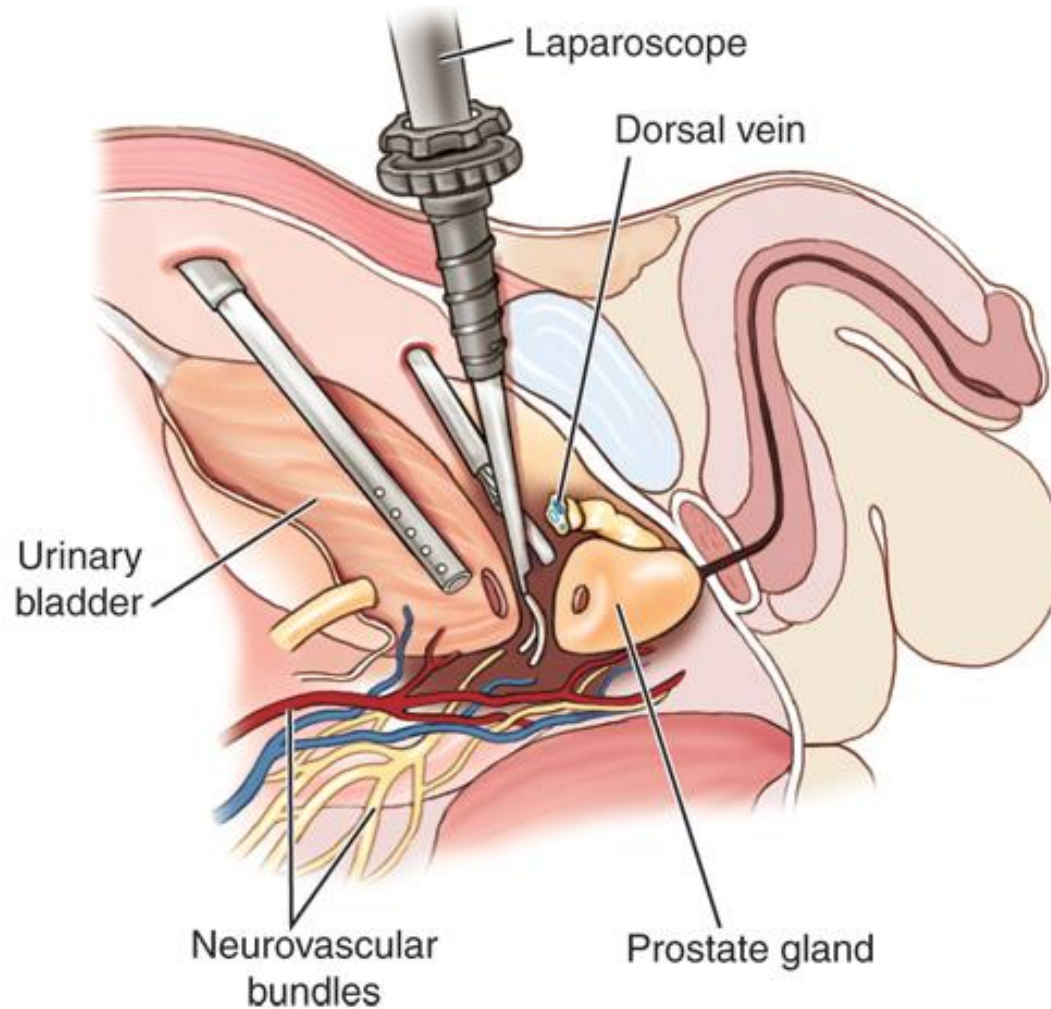
Chapter 7

Objective 4: Define, pronounce, and spell surgical terms related to the male reproductive system.

Simple Prostatectomy Large Incision Surgery

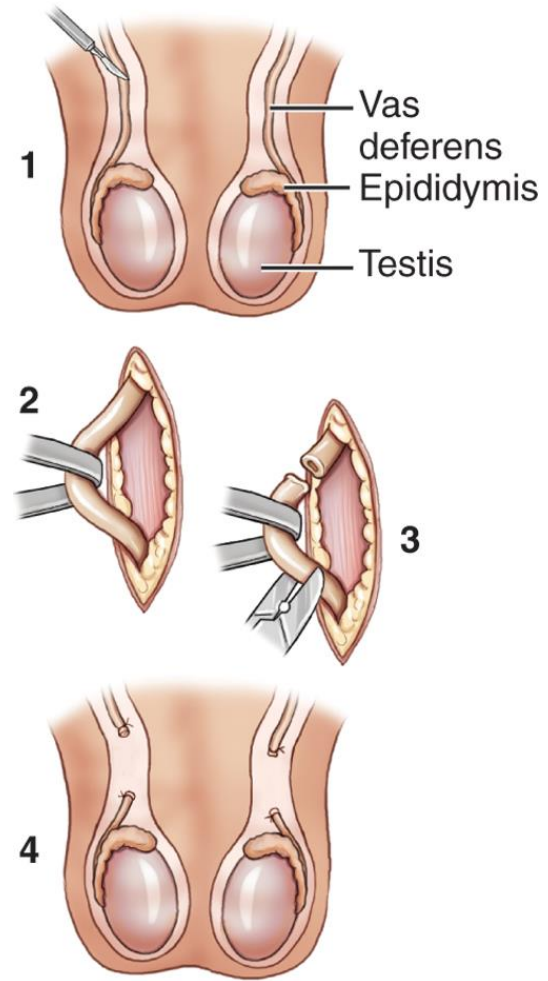


Radical Prostatectomy (RP)



Vasectomy

1. Incision is made into the covering of the vas deferens
2. Vas is exposed
3. Segment of vas deferens is excised
4. Vas deferens is replaced and skin is sutured



Review Question

Which of the following is the surgical removal of all or part of the foreskin of the penis?

- a) vasectomy
- b) vesiculectomy
- c) circumcision
- d) hydrocelectomy

Chapter 7

Objective 5: Define, pronounce, and spell diagnostic terms related to the male reproductive system.

Diagnostic Terms

Not Built from Word Parts

Diagnostic imaging

- multiparametric MRI
- transrectal ultrasound (TRUS)

Laboratory

- prostate-specific antigen (PSA)
- semen analysis

Other

- digital rectal examination (DRE)

Chapter 7

Objective 6: Define, pronounce, and spell complementary terms related to the male reproductive system.

List of Male and Female Sexually Transmitted Diseases

- chlamydia
- genital herpes
- gonorrhea
- human immunodeficiency virus
- human papillomavirus
- syphilis
- trichomoniasis

Chapter 7

Objective 7: Interpret the meaning of abbreviations related to the male reproductive system.

Abbreviations Review

Name the medical terms associated with these abbreviations.

<u>Abbreviation</u>	<u>Term</u>
1. BOO	1. bladder outlet obstruction
2. PVP	2. photoselective vaporization of the prostate
3. HPV	3. human papillomavirus
4. PSA	4. prostate-specific antigen
5. STI	5. sexually transmitted infection

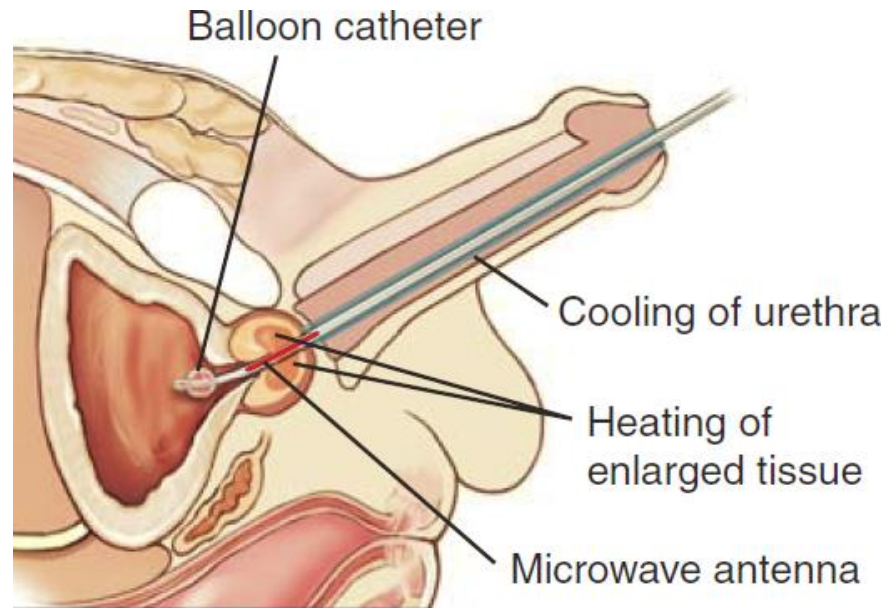
Review Question

Which of the following is an STD?

- a) orgasm
- b) digital rectal exam
- c) coitus
- d) chlamydia

Abbreviations Review

Name the abbreviation for the procedure that destroys prostate tissue with heat from microwaves emitted by an antenna guided by a catheter, which has been inserted through the urethra.




TUMT

transurethral microwave thermotherapy

Chapter 7

Objective 8: Apply medical language in clinical contexts.

Pronounce Medical Terms in Use



A 62-year-old male was found to have an elevated **prostate-specific antigen** (PROS-tāt) (spe-SIF-ik) (AN-ti-jen) test during a routine physical examination. At the age of 42 years he underwent a **vasectomy** (va-SEK-to-mē). The patient denies having nocturia or any significant change in his urinary stream. **Digital rectal examination** (DI-i-tal) (REK-tal) (eg-zam-i-NĀ-shun) revealed a mildly enlarged prostate gland with a 1.0 cm stony hard nodule of the right lobe. The urologist performed a **transrectal ultrasound** (trans-REK-tal) (UL-tra-sound) and biopsy. A diagnosis of adenocarcinoma of the prostate was made. The patient elected to undergo a **suprapubic prostatectomy** (sū-pra-PŪ-bik) (prosta-TEK-to-mē). Urinary incontinence complicated his postoperative course but this lasted for only 3 months. No **erectile dysfunction** (e-REK-tīl) (dis-FUNK-shun) was reported. His prognosis for full recovery should be excellent.

Comprehend Medical Terms in Use

(1 of 3)

Test your comprehension of the terms in the previous medical document by circling the correct answer.

1. Before being diagnosed with cancer of the prostate the patient had surgery for:
 - a. sterilization
 - b. excision of the seminal vesicle
 - c. removal of the prepuce
 - d. repair of the glans penis

Comprehend Medical Terms in Use

(2 of 3)

2. The patient chose which of the following types of treatment for prostate cancer?
 - a. radiation
 - b. chemotherapy
 - c. surgery
 - d. hormonal therapy

3. After surgery the patient:
 - a. had absence of sperm
 - b. had persistent abnormal erection
 - c. had a narrowing of the opening of the prepuce of the glans penis
 - d. was able to have an erection

Comprehend Medical Terms in Use

(3 of 3)

4. Using word parts you have already learned, write the definition of terms used in this document from previous chapters.
 - a. urin/ary
 - b. ur/o/logist
 - c. bi/opsy
 - d. dia/gno/sis
 - e. aden/o/carcin/oma