

The Urinary System

DEFINITIONS

Select the correct answer and write it on the line provided.

Urine is carried from the kidneys to the urinary bladder by the ureters.

glomeruli nephrons urethras ureters

The condition of having a stone in the urinary bladder is cystolithiasis.

cholelithiasis cystolithiasis nephrolithiasis ureterolithiasis

The increased excretion of urine is known as diuresis.

anuria diuresis dysuria oliguria

Before entering the ureters, urine collects in the renal pelvis.

glomeruli renal cortex renal pelvis urinary bladder

The flow of urine from the bladder is controlled by the urinary sphincters.

urethral meatus urinary meatus urinary sphincters urinary structures

Urine gets its normal yellow amber or straw color from the pigment known as

urochrome

albumin bilirubin hemoglobin urochrome

In the male, the urethra carries both urine and semen.

nephron renal pelvis ureter urethra

A specialist who treats the genitourinary system of males is a(n) urologist.

gynecologist nephrologist neurologist urologist

In paraspadias, the urethral opening is on one side of the penis.

epispadias hypospadias paraspadias

An adhesion is a band of fibers that holds structures together abnormally.

adhesion distention stricture suppuration

WHICH WORD?

Select the correct answer and write it on the line provided.

A surgical incision into the renal pelvis is pyelotomy.

pyelotomy

pyeloplasty

The discharge of blood from the ureter is ureterorrhagia.

ureterorrhagia

urethrothigia

The term meaning excessive urination is polyuria.

incontinence

polyuria

The term meaning an inflammation of the bladder is cystitis.

cystitis

pyelitis

The major waste product of protein metabolism is urea.

urea

urine

SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

Urinalysis is the examination of the physical and chemical properties of urine to determine the presence of abnormal elements. urinalysis

Incontinence means being unable to control excretory functions. incontinence

Catherization is the process used to withdraw urine from the bladder. Catheterization

Cystorhagia is bleeding from the bladder. cystorrhagia

Glomeronephritis is an inflammation of the kidney involving primarily the glomeruli.

glomerulonephritis

SENTENCE COMPLETION

Write the correct term on the line provided.

- 1. An incision of the urinary meatus to enlarge the opening is a/an meatotomy.
- 2. A stone lodged in a ureter is a/an ureterolith.
- 3. The surgical creation of a permanent opening of the urethra is a/an urethroostomy.
- 4. The surgical fixation of the bladder to the abdominal wall is a/an cystopexy.
- 5. Urination is also known as voiding or micturition.

TRUE/FALSE

If the statement is true, write T on the line. If the statement is false, write F on the line.

- 1. T The ureters are about 10 to 12 inches long.
- 2. F The urinary bladder is located in the posterior portion of the pelvic cavity.
- 3. T A glomerulus consists of a cluster of capillaries.
- 4. F The medulla is the outer layer of the kidney.
- 5. T Distention means enlarged.
- 6. F The male urethra is approximately 1.5 inches long.
- 7. T Urine is formed by the processes of filtration, reabsorption, and secretion.
- 8. F The female urethra conveys both urine and the menstrual flow.
- 9. F A cystolith is a hernia of the urinary bladder.
- 10. T Hydronephrosis is the dilation of the pelvis and calices of one or both kidneys resulting from obstruction to the flow of urine.

CLINICAL CONDITIONS

Write the correct answer on the line provided.

Mrs. Baldrige suffers from excessive urination during the night. The medical term for this is

nocturia

The surgery for Rosita LalPinta included surgical repair of the urethra. This procedure is called

urethroplasty

Doris Volk has a chronic bladder condition involving inflammation within the wall of the bladder. This is known as interstitial cystitis.

John Danielson is being treated for abnormal narrowing of the ureter. This condition is known as

ureterostenosis

Norman Smith was born with the opening of the urethra on the upper surface of the penis. This is called

epispadias

Ralph Clark's form of dialysis involves the removal of waste from his blood through a fluid exchange in the

peritoneal cavity.

Roberta Gridley is scheduled for surgical repair of damage to the ureter. This procedure is a(n)

ureteroplasty

Letty Harding's physician ordered an IVP. The full name of this diagnostic x-ray study is an intravenous

pyelogram

Mr. Mouta was diagnosed as having an inflammation of the kidney. The medical term for this condition is

nephritis

Mrs. Franklin has a kidney stone. Rather than operate, the doctor used lithotripsy to destroy the stone.

WHICH IS THE CORRECT MEDICAL TERM?

Select the correct answer and write it on the line provided.

The term that means a hernia of the bladder through the vaginal wall is cystocele

cystocele

cystolith

cystopexy

vesicovaginal
fissure

The term meaning the inability to empty the bladder is urinary retention

incontinence

dysuria

enuresis

urinary retention

The term meaning the distention of the ureter with urine due to blockage from any cause is

hydroureter

homeostasis

hydroureter

ureterolith

ureterostenosis

The term meaning pain in the urethra is urethralgia

cystodynia

nephralgia

urethralgia

ureteralgia

A specialist in diagnosing and treating diseases and disorders of the kidneys is a/an

nephrologist

internist

nephrologist

proctologist

urologist

TERM SELECTION

Select the correct answer and write it on the line provided.

The term meaning the complete stopping of urine formation by the kidneys is

Anuria

anuria

nocturia

oliguria

polyuria

The term meaning suturing of the bladder is cystorrhaphy

cystorrhaphy

cystorrhagia

cystorrhexis

nephrorrhaphy

The term meaning the freeing of a kidney from adhesions is nephrolysis

nephrolithiasis

nephrolysis

nephropyosis

pyelitis

The term meaning scanty urination is oliguria

diuresis

dysuria

enuresis

oliguria

The process of artificially filtering waste products from the patient's blood is known as

hemodialysis

diuresis

hemodialysis

homeostasis

hydroureter