

**Terminology in Health Care
and Public Health Settings**

Unit 12
Urinary System

Component 3/ Unit 12 Health IT Workforce Curriculum
Version 1/Fall 2010 1

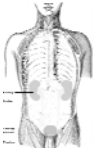
Urinary System

- Objectives
 - Define, understand and correctly pronounce medical terms related to the urinary system
 - Describe common diseases and conditions, laboratory and diagnostic procedures, medical and surgical procedures and medications related to the urinary system

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Urinary System Anatomy

- Urinary System
 - Kidneys
 - Renal pelvis
 - Ureters
 - Urinary Bladder
 - Urethra



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Diseases and Disorders of the Urinary System

- Bladder Diseases
 - Cystitis
 - Urinary Track Infection
 - Urinary incontinence
 - Interstitial cystitis
- Diagnostic Tests
 - Urine tests
 - X-rays
 - Cystoscopy
- Treatment
 - Medications
 - Surgery

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Diseases and Disorders of the Urinary System

- Bladder Cancer
 - Location
 - Lining of the bladder
 - Sixth most common type of cancer in US
 - Risk Factors
 - Symptoms
 - Treatment
 - Surgery
 - Radiation
 - Chemotherapy
 - Biologic Therapy (immunotherapy)

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Diseases and Disorders of the Kidney

- Nephrolithiasis
 - Definition
 - Symptoms
 - Diagnostic tests
 - Intravenous pyelogram
 - Treatment
 - Lithotripsy
 - Extracorporeal shock wave lithotripsy (ESWL)

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Disorders and Diseases of the Kidney

- Diabetic Nephropathy
 - Risk Factors
 - Diabetes
 - High blood pressure
 - Family history of disease
- Kidney Failure
 - End-stage renal disease (ESRD)
 - Renal failure

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Disorders and Diseases of the Kidney

- Treatment for Renal Failure
 - Dialysis
 - Hemodialysis
 - Peritoneal dialysis
 - Kidney Transplantation
 - Most common transplants
 - Sources of transplants
 - Living related donor
 - Living unrelated donor
 - Deceased donor

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Disorders and Disease of the Kidney

- Wilms' Tumor
 - Nephroblastoma
 - Affects children
 - Curable
- Symptoms
 - Lump in the abdomen
 - Blood in the urine
- Treatment
 - Surgery
 - Chemotherapy
 - Radiation
 - Biologic therapy

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Disorders and Disease of the Kidney

- Renal Cancer
 - Location
 - Risk Factors
 - Symptoms
 - Treatment
 - Surgery
 - Radiation
 - Chemotherapy
 - Biologic Therapy

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Urinary System Combining Forms

Word Part	Meaning	Key Terms
Cyst/o	bladder	cystoscopy
Lith/o	stone	lithotripsy
Meat/o	meatus	meatotomy
Nephr/o	kidney	nephritis
Ren/o	renal	renography
Ureter/o	ureter	ureterectomy
Urethr/o	urethra	urethritis

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