Indiana University Health

ICD-10 Physician Education

Urology & Nephrology
Training Objectives

• ICD-9 to ICD-10 Comparison
• Documentation Tips
• Additional Educational Opportunities
• Questions
# ICD-9 to ICD-10 Comparison

## What Will Change

<table>
<thead>
<tr>
<th>Code Structure</th>
<th>Up to 7 characters</th>
<th>DRGs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpha-numeric codes</td>
<td>CPT, HCPCS, E&amp;M Codes</td>
<td></td>
</tr>
</tbody>
</table>

## What Remains the Same

<table>
<thead>
<tr>
<th>Code Structure</th>
<th>DRGs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diagnosis Code Volume</td>
<td>CPT, HCPCS, E&amp;M Codes</td>
</tr>
<tr>
<td>14,025 to 69,823</td>
<td>Reimbursement methodology (awaiting finalization)</td>
</tr>
</tbody>
</table>

## Coders can only assign codes based on provider documentation

### Diagnosis Code Structural Change

<table>
<thead>
<tr>
<th>ICD-9</th>
<th>ICD-10-CM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>Etiology, anatomic site, manifestation</td>
</tr>
<tr>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
Genitourinary System

- **Acute Renal Failure**
  - Identify associated underlying condition
  - Complications (due to...)
  - Due to kidney trauma

- **Chronic Kidney Disease**
  - Stage or ESRD
  - Link etiology
  - On hemodialysis

- **Pyelonephritis**
  - Chronic tubulo-interstitial
  - Tubulo-interstitial
  - Pyonephrosis

- **Hydronephrosis**
  - With ureteral stricture
  - With renal and ureteral calculous obstruction
  - Other
  - Unspecified

- **Calculous** (specify location)
  - Bladder
  - Kidney
  - Ureter
  - Urinary
Genitourinary System, cont…

• Cystitis *expansion*
  – Type/Etiology
    • Interstitial
    • Irradiation
    • Other chronic
    • Unspecified
  – Presence of hematuria

• Hematuria
  – Type
  – Link to etiology when known
<table>
<thead>
<tr>
<th>Bladder Conditions</th>
<th>Urethral Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Diverticulum</td>
<td>• Caruncle</td>
</tr>
<tr>
<td>• Flaccid neuropathic</td>
<td>• Combined hypermobility w/ISD</td>
</tr>
<tr>
<td>• Neuromuscular dysfunction</td>
<td>• Diverticulum</td>
</tr>
<tr>
<td>• Overactive</td>
<td>• Fistula</td>
</tr>
<tr>
<td>• Other neuromuscular</td>
<td>• Hypermobility</td>
</tr>
<tr>
<td>• Reflex neuropathic</td>
<td>• Instability</td>
</tr>
<tr>
<td>• Uninhibited neuropathic</td>
<td>• Intrinsic Sphincter Deficiency (ISD)</td>
</tr>
<tr>
<td>• Other disorders</td>
<td>• Obstruction</td>
</tr>
<tr>
<td></td>
<td>• Stricture</td>
</tr>
</tbody>
</table>
Genitourinary System – Male

- Benign Prostate Hypertrophy (BPH)
  - Enlarged vs nodular
  - Presence of Lower Urinary Tract Symptoms (LUTS)

- Prostate Diseases
  - Abscess
  - Cyst
  - Prostatitis (acute, chronic, granulomatous)
  - Prostatocystitis

- Balanoposthitis expansion
  - Balanitis
  - Balanoposthitis

- Orchitis and epididymitis expansion
  - Epididymitis
  - Epididymo-orchitis
  - Orchitis

- Redundant prepuce and phimosis expansion
  - Adherent prepuce (newborn)
  - Adhesions of prepuce and glans penis
  - Benign cyst of prepuce
  - Deficient foreskin
  - Paraphimosis
  - Phimosis
  - Other inflammatory diseases
Genitourinary System – Male, cont…

- Spermatocoele expansion
  - Single
  - Multiple
  - Unspecified

- Other inflammatory disorders of male genital organs expansion
  - Fournier gangrene
  - Inflammatory disorders spermatic cord, tunica vaginalis, vas deferens
  - Inflammatory disorders scrotum
  - Inflammatory disorders other specified location
  - Inflammatory disorders unspecified location
Genitourinary System – Male, cont…

- Other specified disorders of male genital organs
  - Benign cyst of testis
  - Cyst of epididymis
  - Cyst of tunica albuginea testis
  - Other male sexual dysfunction
  - Other noninflammatory disorders of the testis
  - Other specified disorders of male genital organs
  - Painful ejaculation
  - Unspecified male sexual dysfunction
  - Disorder of male genital organs, unspecified
Impotence

- Arterial insufficiency
- Corporo-venous occlusive ED
- Combined arterial insufficiency & corporo-venous occlusive ED
- Diseases classified elsewhere

- Drug-induced (specify drug)
- Following procedure:
  - Radical prostatectomy
  - Radical cystectomy
  - Simple prostatectomy
  - Urethral surgery
  - Other
Genitourinary System – Female

- Prolapse
  - Cervical stump
  - Uterine
  - Uterovaginal
    - Incomplete
    - Complete
    - Unspecified
  - Vaginal Wall
  - Vaginal Vault (after hysterectomy)
  - Other specified
  - Unspecified

- Pelvic muscle wasting

- Cystocele
  - Midline
  - Lateral

- Urethrocele

- Rectocele

- Perineocele

- Vaginal Enterocyte

- Incontinence
  - Type
Congenital Conditions

- Cystic kidney disease
  - Congenital renal cyst
  - Cystic kidney disease

- Polycystic Kidney
  - Adult type
  - Cystic dilatation of collecting ducts
  - Other, infantile type

- Congenital single renal cyst
- Renal dysplasia
- Medullary cystic kidney
  - Formerly “medullary cystic” and “medullary sponge” kidney
Signs and Symptoms

- **Site/Laterality/Quadrant**
  - Abdominal tenderness
  - Abdominal/pelvic swelling, mass, lump
  - Abdominal rigidity
  - Abdominal pain

- **Incontinence**
  - Mixed
  - Overflow
  - Stress
  - Urge
  - Other urinary
  - Without sensory awareness

- **Disturbances of sensation of smell and taste**
  - Anosmia
  - Parosmia
  - Parageusia
  - Other
  - Unspecified

- **Other symptoms involving urinary system**
  - Extrarenal uremia
  - Vesical tenesmus
  - Other symptoms and signs
  - Unspecified
Additional Urinary Signs & Symptoms Codes

- Continuous leakage
- Dysuria
- Extravasation of urine
- Nocturia
- Nocturnal enuresis
- Oliguria and anuria
- Painful micturition
- Polyuria
- Post-void dribbling

- Renal colic
- Slowing urinary stream
- Splitting urinary stream
- Straining on urination
- Urethral discharge without blood
- Urgency of urination
- Urinary frequency
- Urinary hesitancy
Genitourinary Trauma

- Type of trauma
  - Contusion
  - Laceration
  - Other

- Site

- Laterality (where applicable) new concept

- Foreign body present

- Episode of Care (from the patient’s perspective) new concept
  - Initial (presentation)
  - Subsequent (routine or delayed healing)
  - Sequela (late effect after initial injury/event has healed)
Complications

• Episode of Care
  (from the patient’s perspective)
  - Initial (presentation)
  - Subsequent (routine or delayed healing)
  - Sequela (late effect after initial injury/event has healed)

• Cystostomy Complications

• Genitourinary Device, Implant, Graft
  - Embolism
  - Fibrosis
  - Hemorrhage
  - Pain
  - Stenosis
  - Thrombosis

• Urinary or External Stoma

- Hemorrhage
- Infection
- Malfunction
- Other
Z Codes (Formerly V Codes)

- Personal history of malignant neoplasm:
  - Bladder
  - Kidney
  - Prostate
- Personal history of:
  - Irradiation
  - Urinary calculi
  - UTI
- Family history of malignant neoplasm of prostate

- Encounter for:
  - Sterilization
  - Aftercare following kidney transplant
- Kidney transplant status
- Acquired absence of kidney
- Screening for malignant neoplasm of prostate
- Personal history of antineoplastic chemotherapy
Endocrine, Metabolic, and Nutritional Diseases

- Diabetes
  - Type (1, 2, drug induced, other)
  - *Documentation concept of “controlled” or “uncontrolled” is no longer applicable in ICD-10*
  - Link manifestations/complications with “due to”
  - Long term use of insulin
  - Insulin pump status

- Overweight, obesity, morbid obesity
  - Specify BMI

- Malnutrition
  - Type
  - BMI

- Hypercalcemia
- Hypocalcemia

- Other specified disorders of carbohydrate transport and metabolism expansion
  - Defects of glycoprotein degradation
  - Disorders of pyruvate metabolism and gluconeogenesis
  - Hyperoxaluria
  - Trimethylaminuria
  - Other specified disorders
Neoplasms

- Type
- Detailed location(s)
  - Overlapping sites vs different, distinct locations
  - Laterality (when applicable)
    - Kidneys
    - Testes
    - Ureters
- Primary
  - Still active primary site
  - Previously removed/treated
- Metastatic
  - Location
  - Symptomatic
  - Current treatment course
- Manifestations
  - Mucositis
  - Anemia
  - Link to etiology (neoplasm, chemotherapy)
Gastrointestinal

- Constipation
  - Type (slow transit, outlet dysfunction)
- Irritable Bowel Syndrome \textit{expansion}
  - Presence of diarrhea
- Adhesions \textit{expansion}
  - Pelvic peritoneal
  - Peritoneal
  - Postprocedural pelvic
- Colostomy/Enterostomy Complications
  - Hemorrhage
  - Infection
  - Malfunction
  - Other
  - Unspecified
- Hemoperitoneum
Skin & Subcutaneous Tissue

- Cellulitis/Abscess
  - Location
  - Laterality \textit{new concept}
  - Acute vs chronic
  - Manifestation
  - Due to infection

- Non-pressure chronic ulcer
  - Etiology (diabetes, venous)
  - Site
  - Laterality \textit{new concept}
  - Severity (skin breakdown, fat layer exposed, necrosis of muscle and/or bone)

- Pressure ulcer
  - Detailed site(s)
  - Laterality \textit{new concept}
  - Stage
Additional Educational Opportunities

- Physician/Provider Foundation training
- Specialty/Service Line meetings
- ICD-10 Website
Questions

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