Indiana University Health

ICD-10 Physician Education

Palliative Care – SIP
Training Objectives

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

<table>
<thead>
<tr>
<th>What Will Change</th>
<th>What Remains the Same</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code Structure</td>
<td>DRGs</td>
</tr>
<tr>
<td>Up to 7 characters</td>
<td>CPT, HCPCS, E&amp;M Codes</td>
</tr>
<tr>
<td>Alpha-numeric codes</td>
<td>Reimbursement methodology (awaiting finalization)</td>
</tr>
<tr>
<td>Diagnosis Code Volume</td>
<td>Coders can only assign codes based on provider documentation</td>
</tr>
<tr>
<td>14,025 to 69,823</td>
<td></td>
</tr>
</tbody>
</table>

**Diagnosis Code Structural Change**

Reference: CMS

<table>
<thead>
<tr>
<th>ICD-9</th>
<th>ICD-10-CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Category</td>
</tr>
<tr>
<td>Etiology, anatomic site, manifestation</td>
<td>Etiology, anatomic site, manifestation X</td>
</tr>
<tr>
<td></td>
<td>Extension X</td>
</tr>
</tbody>
</table>
Infectious & Parasitic Diseases

• Sepsis and Septicemia are now synonymous
  – If present, identify shock and etiology
• Name the causative organism
• Report any associated drug resistance

A41.52 – Sepsis due to Pseudomonas
A49.02 – Methicillin resistant Staphylococcus aureus infection, unspecified site
Neoplasms

- Type
  - Malignant, benign

- Detailed location(s)
  - Overlapping sites vs different, distinct locations

- Primary
  - Still active primary site
  - Previously removed/treated

- Metastatic
  - Location
  - Symptomatic
  - Current treatment course

- Manifestations
  - Mucositis
  - Anemia
  - Link to etiology (neoplasm, chemotherapy)

- Neoplasm related pain

C80.1 – Malignant (primary) neoplasm, unspecified
Endocrine, Blood and Nutritional Disorders

- **Diabetes**
  - Type
    - *Documentation concept of “controlled” or “uncontrolled” is no longer applicable in ICD-10*
  - Manifestations
  - Long-term use of insulin
  - Insulin pump
  - Gestational

- **Anemia**
  - Specify etiology

- **Overweight, obesity, morbid obesity**
  - Specify BMI

- **Malnutrition**
  - Type
  - Complications/manifestations
  - BMI

*E11.9 – Type 2 diabetes mellitus without complications*

*E46 – Unspecified protein-calorie malnutrition*
Mental & Behavioral Disorders

- Anxiety
  - Specify type

- Depression
  - Major depressive disorder
  - Single vs recurrent episode
  - Type
  - Remission

- Drug Dependence
  - Usage type
  - Specify product
  - Manifestations

- Chronic Pain
  - Identify etiology

F41.9 – Anxiety disorder, unspecified
G89.29 – Other chronic pain
Acute Myocardial Infarction

- New time period is 4 weeks
  - From the time of incident

- Initial MI vs subsequent MI
  - Each AMI begins a new 4 week time period and would be considered current/acute event
  - Documentation must clearly state onset of acute MI event

- STEMI vs NSTEMI

- Impacted artery

- Impacted wall
Circulatory System

- Atrial Fibrillation
  - Paroxysmal
  - Chronic
  - Unspecified

- Cardiac arrest
  - Due to underlying cardiac condition
  - Due to other underlying condition
  - Cause unspecified

- Peripheral vascular disease

- Atherosclerosis
  - Native artery or vein vs graft

- Heart Failure
  - Acute, chronic or both
  - Systolic, diastolic or both

- Venous embolism/thrombosis
  - Acute vs chronic
  - Impacted extremity
  - Laterality new concept

- Cerebral Hemorrhage vs Infarction
  - Traumatic vs nontraumatic
  - Etiology
  - Artery blocked/ruptured
  - Laterality new concept
Respiratory System

- COPD
  - Identify underlying condition(s)
  - Exacerbation/decompensation
  - Identify acute infections

- Pneumonia
  - Link organism
  - Aspiration

- Respiratory failure
  - Acute, chronic, both
  - Hypoxic vs hypercapnic

- Pleural effusion
  - Malignant

- Pulmonary edema
  - Acute

J96.01 – Acute respiratory failure with hypoxia
J69.0 – Pneumonitis due to inhalation of food and vomit
Gastrointestinal, Liver and Renal

- Colitis
- Constipation
  - Slow transit/outlet dysfunction
- Gastrointestinal complications
  - Bleeding, perforation, fistula, abscess, obstruction, gangrene
- Acute Renal Failure
- Chronic Kidney Disease
  - Stage
  - Hemodialysis
- Urinary Tract Infection
  - Link organism
- Hepatic Failure
  - Chronic
  - Presence of coma

K52.9 – Noninfective gastroenteritis and colitis, unspecified
N18.3 – Chronic kidney disease, stage 3 (moderate)
Signs and Symptoms

- Coma *expansion*
  - Glasgow Coma Scale *new concept*
    - Total GCS score
    - Individual scores (type of motor response, type of verbal response and amount of eye opening)

- Alteration of consciousness *expansion*
  - Somnolence, stupor

- Edema
  - Localized, generalized, other

- Altered Mental Status
  - AMS
  - Disorientation

- Other respiratory abnormalities *expansion*
  - Dyspnea
  - Periodic breathing
  - Snoring
  - Other abnormalities
Signs and Symptoms, cont…

• Anorexia
• Loss of weight
• Shortness of breath
• Nausea and vomiting
• Nausea

• Dysphagia
• Malaise (verbiage change from ICD-9 Debility)

R40.2343 – Coma scale, best motor response, flexion withdrawal, at hospital admission
R53.81 – Other malaise
Complications of Devices

- Type of device
- Complication type
  - Breakdown
  - Displacement
  - Embolism
  - Failure
  - Hemorrhage
  - Infection
  - Leakage
  - Rejection
  - Thrombosis

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

- Type of trauma
  - Hemorrhage
  - Laceration
  - Other

- Site & Anatomic specificity

- Open or Closed

- Laterality new concept

- Loss of consciousness (for brain injuries)

- Foreign body present

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

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

ICD10@iuhealth.org