ICD-10-CM Coding Training

Understanding ICD-10-CM and Coding Conventions

Missouri Department of Health and Senior Services
Overview of ICD-10-CM
Review of Coding Conventions
ICD-10-CM Training

Missouri Department of Health and Senior Services

ICD-10-CM an Introduction
Agenda

Resources and References
- CMS Websites for ICD-10-CM
- Coding Websites
- Glossary of Terms (to be used throughout training)

What is ICD-10-CM and Why do We Need It
- ICD-9-CM to ICD-10-CM: A Comparison
- Chapter Comparisons
- Code Structure Format Changes

Today’s Learning Objective
- Understand what ICD-10 is and the reasons for the change
- How is ICD-9 and ICD-10 similar and how are they different
  - Code Set Chapters
  - Code Structure and Format
  - Expanded Coding

Contacts (found at the end of this presentation)
Resources and References

Helpful Websites
Sir, your team with the quick fix for our ICD-10 conversion has arrived.
CMS (Centers for Medicare and Medicaid Services)

- ICD-10-CM Websites
  - http://www.cdc.gov/nchs/icd/icd10cm.htm
  - http://www.cms.hhs.gov/ICD10
Coding Websites

- AAPC (American Academy of Professional Coders)
  - https://www.aapc.com/

- AHIMA (American Health Information Management Association)
  - http://www.ahima.org/
Glossary of Terms: ICD-10-CM Code Set Book Related

- The general organization from ICD-9-CM to ICD-10-CM remains similar
- Many guidelines, conventions, coding rules, and processes have not changed
- Understanding the language of ICD-10-CM will make it less scary
Glossary of Terms: ICD-10-CM Code Set Book Related

- **Alphabetical Index:**
  - Codes are listed by Main Terms, alphabetic descriptor of each code
  - Contains cross-references such as “see”, and “see also”
  - Nonessential modifiers are located in parentheses
Glossary of Terms: ICD-10-CM Code Set Book Related

- **Tabular List:**
  - The Tabular List remains the must use section in order to complete the code selection
  - Chronological (numerical) listing of the codes identified in the Alphabetical Index
  - One change is with the indented code descriptors, the entire descriptor for each code is complete
    - No longer need to refer to the main code descriptor sub-category descriptions
  - The full code information can only be found in the tabular, including
    - Laterality
    - Applicable 7th characters
    - Additional coding guidance, such as excludes and includes
Glossary of Terms: ICD-10-CM Code Set Book Related

• **Category:**
  - The three-character diagnosis code classifications that broadly define each condition

• **Four Character Categories:**
  - Further define
    - Site
    - Etiology
    - Manifestation or state of the disease or condition.
  - Includes the three character category plus decimal with an additional character to further identify the condition to the highest level of specificity

• **Five and Six Character Sub-classifications:**
  - Fifth character identifies the highest level of specificity in ICD-9-CM
  - ICD-10CM the fifth or sixth character sub-classifications represent the most accurate level of specificity
Glossary of Terms: ICD-10-CM Code Set Book Related

• **Seventh Character Extensions:**
  • Certain ICD-10-CM categories have applicable seven characters.
  • The seventh character is required for all codes within the category.
  • The seventh character must always be in the seventh position of the data field.
  • If a code that requires a seventh character is not six characters, a placeholder “X” must be used to fill in the empty character spaces.

• **Dummy Placeholders:**
  • “X” is used as the placeholder character.
  • Used as a fifth or sixth character placeholder to allow for future expansion.
  • Used to hold the seventh character in the seventh position for any code requiring seven characters when the code is less than six characters in length.
    • Example: T15.12XS Foreign body in conjunctival sac, left eye, Sequelae
Glossary of Terms: ICD-10-CM General Coding Terms

• **Combination Code:**
  - A single code used to classify two diagnoses
  - Can be
    - A diagnosis with an associated sign or symptom
    - A diagnosis with an associated complication
  - Multiple codes should not be used when a combination code exists that clearly identifies all the elements documented in the diagnosis

• **Crosswalk/Mapping:**
  - Published by various coding authorities is designed to be an accurate and authoritative source regarding coding
  - There is no guarantee that the data is accurate, complete, or without errors
  - Many mappings offer only a comprehensive crosswalk using the GEM (General Equivalence Mappings), while others include an RM (Reimbursement Mapping)
  - It is up to the provider/coder to determine the appropriate ICD-10-CM code that should be used based on the documentation
  - Remember in most cases ICD-9-CM codes are not a 1:1 match, but often have 2 or more codes that it can map to, and that not all codes may be deemed reimbursable by the payer
Glossary of Terms: ICD-10-CM General Coding Terms

• **Granularity:**
  • Refers to the level of hierarchy
    • The amount of information the increased hierarchy provides to the diagnostic description

• **Laterality:**
  • Descriptions now include right, left, bilateral, dominant, non-dominant
  • Use too describe diagnoses codes that affect body systems/sites/locations
  • Exceptions to the rule such as including upper or lower as with the eyelids, both laterality and the additional location must be considered in code selection.
  • Additional exceptions for bilateral coding, if the category does not have a code that indicates bilateral then the separate code for both the right and left side should be assigned
  • Coding Tip: Character relationships for laterality are usually but not always as follows:
    • Right: Number Character 1
    • Left: Number Character 2
    • Bilateral: Number Character 3
    • Unspecified: Number Character 0 or 9
      (depends on location as either the 5th or 6th character in the code)
Glossary of Terms: ICD-10-CM General Coding Terms

• **Manifestation Codes:**
  • Diseases that have both an underlying etiology and multiple body system manifestations (complications) due to the underlying etiology
  • Coding convention for Manifestation are used in both ICD-9-CM and ICD-10-CM
    • Guidelines provide direction for proper coding indicating the proper sequencing order of the codes
      • Code first the underlying condition (first position/sequenced first),
      • Followed by the code for the manifestation
      • Guidance found in the Tabular List use coding notes that states “use additional code” at the etiology code, and a “code first” note at the manifestation code.
    • ICD-10-CM has expanded the Combination Codes
      • Reduces the need for multiple codes to describe the complete diagnosis that is documented
Glossary of Terms: ICD-10-CM General Coding Terms

• **Morbidity:**
  • Disease rate or number of cases of a particular disease in a given age range, gender, occupation, or other relevant population based grouping

• **Mortality:**
  • Death rate reflected by the population in a given age range, or other relevant statistical grouping
Glossary of Terms: ICD-10-CM General Coding Terms

• **Principal or First Listed Diagnosis:**
  • This refers to the code sequenced first on a medical record
  • Defines the primary reason for the encounter as determined at the end of the encounter (assessment/plan)
  • For inpatient the first code listed is referred to as the principal diagnosis
  • All other settings it is referred to as first listed

• **Rubric:**
  • Describes a group of similar conditions
  • In ICD-10-CM denotes either a three character category, or a four character subcategory.
What is ICD-10 and Why do WE Need It!
Change, Change, Change
Defining ICD-10

• ICD-10-CM
  • International Classification of Diseases
  • 10th Edition
  • Clinical Modification

• Who Owns ICD-10
  • WHO
    • World Health Organization
    • Modified for us in the US by the National Center for Health Statistics (CDC)

• Why ICD-10
  • ICD-9-CM is over 35 years old
  • United States is the ONLY industrialized nation not using ICD-10
  • ICD-10 was implemented by WHO in 1993
  • ICD-11 has already been slated for use and implementation in other countries
  • US had slated ICD-11 for review beginning in 2015
  • WHO has slated implemented of ICD-11 in 2017
Reasons for Change

- ICD-10-CM Provides
  - Room for Expansion
  - Increased specificity related to
    - Anatomic Locations
    - Laterality
      - Right, Left, Bilateral
    - Diseases and the Disease Process
      - Combination Codes
        - Etiology and Manifestation
        - Related Conditions
        - Disease, Injury, or Other Medical Condition and its complications
        - Diseases or Other Medical Conditions and their common signs and symptoms
    - Episodes of Care
      - Initial, Subsequent, Sequelae
    - Types of Injuries
    - Reclassification of codes to new categories or chapters
    - Revised Terminology, Scientific Advancement
# Coding in ICD-10-CM

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>ICD-10-CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three to five characters</td>
<td>Three to seven characters</td>
</tr>
<tr>
<td>First digit is numeric but can be alpha (E or V)</td>
<td>First character always alpha; all letters used except U</td>
</tr>
<tr>
<td>2–5 are numeric</td>
<td>Character 2 always numeric: 3–7 can be alpha or numeric</td>
</tr>
<tr>
<td>Always at least three digits</td>
<td>Always at least three digits</td>
</tr>
<tr>
<td>Decimal placed after the first three characters except for E codes, where it is placed after the first four characters</td>
<td>Decimal placed after the first three characters</td>
</tr>
<tr>
<td>Alpha characters are not case-sensitive</td>
<td>Alpha characters are not case-sensitive</td>
</tr>
<tr>
<td>17 Chapters with 2 Supplementary Classification Chapters (V and E Codes)</td>
<td>21 Full Chapters</td>
</tr>
<tr>
<td>~15,000 codes</td>
<td>When final, potentially, over 72,000 codes</td>
</tr>
<tr>
<td>Chapters, Categories, Sub-Categories, Individual Codes</td>
<td>Chapters, Categories, Sub-Categories, Individual Codes, many areas are expanded</td>
</tr>
</tbody>
</table>
# A Chapter by Chapter Comparison

<table>
<thead>
<tr>
<th>Chapter</th>
<th>ICD-9-CM</th>
<th>Alpha Character</th>
<th>ICD-10-CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Infectious and Parasitic Diseases</td>
<td>A and B</td>
<td>Certain Infectious and Parasitic Diseases</td>
</tr>
<tr>
<td>2</td>
<td>Neoplasms</td>
<td>C and D</td>
<td>Neoplasms</td>
</tr>
<tr>
<td>3</td>
<td>Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders</td>
<td>D</td>
<td>Disease of the Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism</td>
</tr>
<tr>
<td>4</td>
<td>Diseases of the Blood and Blood-Forming Organs</td>
<td>E</td>
<td>Endocrine, Nutritional and Metabolic Diseases</td>
</tr>
<tr>
<td>5</td>
<td>Mental Disorders</td>
<td>F</td>
<td>Mental, Behavioral and Neurodevelopmental Disorders</td>
</tr>
<tr>
<td>6</td>
<td>Diseases of the Nervous System and Sense Organs</td>
<td></td>
<td>Disease of the Nervous System</td>
</tr>
<tr>
<td>7</td>
<td>Diseases of the Circulatory System</td>
<td>H</td>
<td>Diseases of the Eye and Adnexa</td>
</tr>
<tr>
<td>8</td>
<td>Diseases of the Respiratory System</td>
<td>H</td>
<td>Diseases of the Ear and Mastoid Process</td>
</tr>
<tr>
<td>9</td>
<td>Diseases of the Digestive System</td>
<td>I</td>
<td>Diseases of the Circulatory System</td>
</tr>
<tr>
<td>10</td>
<td>Diseases of the Genitourinary System</td>
<td>J</td>
<td>Diseases of the Respiratory System</td>
</tr>
<tr>
<td>11</td>
<td>Complications of Pregnancy, Childbirth, and the Puerperium</td>
<td>K</td>
<td>Diseases of the Digestive System</td>
</tr>
<tr>
<td>12</td>
<td>Diseases of the Skin and Subcutaneous Tissue</td>
<td>L</td>
<td>Diseases of the Skin and Subcutaneous Tissue</td>
</tr>
<tr>
<td>13</td>
<td>Diseases of the Musculoskeletal System and Connective Tissue</td>
<td>M</td>
<td>Diseases of the Musculoskeletal System and Connective Tissue</td>
</tr>
<tr>
<td>14</td>
<td>Congenital Anomalies</td>
<td>N</td>
<td>Disease of the Genitourinary System</td>
</tr>
<tr>
<td>15</td>
<td>Certain Conditions Originating in the Perinatal Period</td>
<td>O</td>
<td>Pregnancy, Childbirth and the Puerperium</td>
</tr>
<tr>
<td>16</td>
<td>Symptoms, Signs, and Ill-Defined Conditions</td>
<td>P</td>
<td>Certain Conditions Originating the Perinatal Period</td>
</tr>
<tr>
<td>17</td>
<td>Injury and Poisoning</td>
<td>Q</td>
<td>Congenital Malformations, Deformations and Chromosomal Abnormalities</td>
</tr>
<tr>
<td>18</td>
<td>N/A</td>
<td>R</td>
<td>Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified</td>
</tr>
<tr>
<td>19</td>
<td>N/A</td>
<td>S and T</td>
<td>Injury, Poisoning and Certain Other Consequences of External Causes</td>
</tr>
<tr>
<td>20</td>
<td>N/A</td>
<td>V, W, X, Y</td>
<td>External Causes of Morbidity (formally E Codes)</td>
</tr>
<tr>
<td>21</td>
<td>N/A</td>
<td>Z</td>
<td>Factors Influencing Health Status and Contact with Health Services (formally V Codes)</td>
</tr>
<tr>
<td>Supplementary Classification</td>
<td>Classification of Factors Influencing Health Status and Contact with Health Services (V Codes)</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Supplementary Classification</td>
<td>Classification of External Cause of Injury and Poisoning (E Codes)</td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>
## Code Structure: Expanded Coding

- **Three Character Categories**
  - **Example: Chapter 1 – Certain Infectious and Parasitic Diseases (A00 – B99)**

<table>
<thead>
<tr>
<th>Code Range</th>
<th>Descriptor</th>
</tr>
</thead>
<tbody>
<tr>
<td>A00 – A09</td>
<td>Intestinal infectious diseases</td>
</tr>
<tr>
<td>A15 – A19</td>
<td>Tuberculosis</td>
</tr>
<tr>
<td>A20 – A28</td>
<td>Certain zoonotic bacterial diseases</td>
</tr>
<tr>
<td>A30 – A49</td>
<td>Other bacterial diseases</td>
</tr>
<tr>
<td>A50 – A64</td>
<td>Infections with a predominantly sexual mode of transmission</td>
</tr>
<tr>
<td>A65 – A69</td>
<td>Other spirochetal diseases</td>
</tr>
<tr>
<td>A70 – A74</td>
<td>Other diseases caused by chlamydiae</td>
</tr>
<tr>
<td>A75 – A79</td>
<td>Rickettsioses</td>
</tr>
<tr>
<td>A80 – A89</td>
<td>Viral infections of the central nervous system</td>
</tr>
<tr>
<td>A90 – A99</td>
<td>Arthropod borne viral fevers and viral hemorrhagic fevers</td>
</tr>
<tr>
<td>B00 – B09</td>
<td>Viral infections characterized by skin and mucous membrane lesions</td>
</tr>
<tr>
<td>B15 – B19</td>
<td>Viral hepatitis</td>
</tr>
<tr>
<td>B20</td>
<td>Human Immunodeficiency Virus [HIV] disease</td>
</tr>
<tr>
<td>B25 – B34</td>
<td>Other viral diseases</td>
</tr>
<tr>
<td>B35 – B49</td>
<td>Mycoses</td>
</tr>
<tr>
<td>B50 – B64</td>
<td>Protozoal diseases</td>
</tr>
<tr>
<td>B65 - B83</td>
<td>Helminthiases</td>
</tr>
<tr>
<td>B85 – B89</td>
<td>Pediculosis, acariasis and other infestations</td>
</tr>
<tr>
<td>B90 – B94</td>
<td>Sequelae of infectious and parasitic diseases</td>
</tr>
<tr>
<td>B95 – B97</td>
<td>Bacterial, viral and other infectious agents</td>
</tr>
<tr>
<td>B99</td>
<td>Other infectious diseases</td>
</tr>
</tbody>
</table>
Understanding the Seven Characters

- **Always Alpha (Except U)**
- **Character 2: Numeric**
  - Characters 3-7: Alpha or Numeric
- **Additional Characters**
  - Added 7th character for Obstetrics, Injuries, and External Causes of Injury

<table>
<thead>
<tr>
<th>S</th>
<th>O</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>6</th>
<th>5</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Etiology, Anatomic Site, Severity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>A</th>
</tr>
</thead>
</table>

3–7 Characters
Getting to Know the Characters

- Characters 1 through 3
  - Category of Disease

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>Descriptor</th>
<th>ICD-10-CM</th>
<th>Descriptor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250</td>
<td>Diabetes Mellitus</td>
<td>E11</td>
<td>Type 2 Diabetes Mellitus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13</td>
<td>Other Specified Diabetes Mellitus</td>
</tr>
</tbody>
</table>
## Getting to Know the Characters

- **Character 4**
  - Etiology of Disease

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>Descriptor</th>
<th>ICD-10-CM</th>
<th>Descriptor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250.0</td>
<td>DM without Mention of Complication</td>
<td>E11.0</td>
<td>Type 2 DM with Hyperosmolarity</td>
</tr>
<tr>
<td>250.1</td>
<td>DM with Ketoacidosis</td>
<td>E11.1</td>
<td>Type 2 DM with Ketoacidosis</td>
</tr>
<tr>
<td>250.2</td>
<td>DM with Hyperosmolarity</td>
<td>E11.2</td>
<td>Type 2 DM with Kidney Complications</td>
</tr>
<tr>
<td>250.3</td>
<td>DM with Other Coma</td>
<td>E11.3</td>
<td>Type 2 DM with Ophthalmic Complications</td>
</tr>
<tr>
<td>250.4</td>
<td>DM with Renal Manifestations</td>
<td>E11.4</td>
<td>Type 2 DM with Neurological Complications</td>
</tr>
<tr>
<td>250.5</td>
<td>DM with Ophthalmic Manifestations</td>
<td>E11.5</td>
<td>Type 2 DM with Circulatory Complications</td>
</tr>
<tr>
<td>250.6</td>
<td>DM with Neurological Manifestations</td>
<td>E11.6</td>
<td>Type 2 DM with Other Specified Problems</td>
</tr>
<tr>
<td>250.7</td>
<td>DM with Peripheral Circulatory Disorders</td>
<td>E11.8</td>
<td>Type 2 DM with Unspecified Complications</td>
</tr>
<tr>
<td>250.8</td>
<td>DM with Other Specified Manifestations</td>
<td>E11.9</td>
<td>Type 2 DM without Complications</td>
</tr>
<tr>
<td>250.9</td>
<td>DM with Unspecified Complication</td>
<td>E13.0</td>
<td>Other specified DM with Hyperosmolarity</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.1</td>
<td>Other Specified DM with Ketoacidosis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.2</td>
<td>Other Specified DM with Kidney Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.3</td>
<td>Other Specified DM with Ophthalmic Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.4</td>
<td>Other Specified DM with Neurological Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.5</td>
<td>Other Specified DM with Circulatory Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.6</td>
<td>Other Specified DM with Other Specified Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.8</td>
<td>Other Specified DM with Unspecified Complications</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E13.9</td>
<td>Other Specified DM without Complications</td>
</tr>
</tbody>
</table>
Getting to Know the Characters

- **Character 5**
  - Body Part Affected

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>Descriptor</th>
<th>ICD-10-CM</th>
<th>Descriptor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250.0</td>
<td>DM without Mention of Complication, DM with Ketoacidosis</td>
<td>E11.3</td>
<td>Type 2 DM with Ophthalmic Complications</td>
</tr>
<tr>
<td>250.1</td>
<td>DM with Ketoacidosis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.2</td>
<td>DM with Hyperosmolarity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.3</td>
<td>DM with Other Coma</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.4</td>
<td>DM with Renal Manifestations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.5</td>
<td>DM with Ophthalmic Manifestations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.6</td>
<td>DM with Neurological Manifestations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.7</td>
<td>DM with Peripheral Circulatory Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.8</td>
<td>DM with other Specified Manifestations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250.9</td>
<td>DM with Unspecified Complication</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5th Characters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>Type 2 or unspecified type not stated as uncontrolled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Type 1 (juvenile) not stated as uncontrolled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Type 2 or unspecified type, uncontrolled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Type 1 (juvenile), uncontrolled</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **5th Characters**
  - **1** With unspecified diabetic retinopathy
  - **2** With mild non-proliferative diabetic retinopathy
  - **3** With moderate non-proliferative diabetic retinopathy
  - **4** With severe non-proliferative diabetic retinopathy
  - **5** With proliferative diabetic retinopathy
  - **6** With diabetic cataract
  - **9** With other diabetic ophthalmic complication
Getting to Know the Characters

- Character 6
  - Severity of Illness – Not Applicable in ICD-9-CM

<table>
<thead>
<tr>
<th>ICD-9-CM</th>
<th>Descriptor</th>
<th>ICD-10-CM</th>
<th>Descriptor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>250.0</td>
<td>DM without Mention of Complication,</td>
<td>E11.3</td>
<td>Type 2 DM with Ophthalmic Complications</td>
</tr>
<tr>
<td>250.1</td>
<td>DM with Ketoacidosis</td>
<td>5th Characters 1</td>
<td>With unspecified diabetic retinopathy</td>
</tr>
<tr>
<td>250.2</td>
<td>DM with Hyperosmolarity</td>
<td>2</td>
<td>With mild non-proliferative diabetic retinopathy</td>
</tr>
<tr>
<td>250.3</td>
<td>DM with Other Coma</td>
<td>3</td>
<td>With moderate non-proliferative diabetic retinopathy</td>
</tr>
<tr>
<td>250.4</td>
<td>DM with Renal Manifestations</td>
<td>4</td>
<td>With severe non-proliferative diabetic retinopathy</td>
</tr>
<tr>
<td>250.5</td>
<td>DM with Ophthalmic Manifestations</td>
<td>5</td>
<td>With proliferative diabetic retinopathy</td>
</tr>
<tr>
<td>250.6</td>
<td>DM with Neurological Manifestations</td>
<td>6</td>
<td>With diabetic cataract</td>
</tr>
<tr>
<td>250.7</td>
<td>DM with Peripheral Circulatory Disorders</td>
<td>9</td>
<td>With other diabetic ophthalmic complication</td>
</tr>
<tr>
<td>250.8</td>
<td>DM with other Specified Manifestations</td>
<td>6th Characters 1</td>
<td>Only used with 5th Characters 1 through 6</td>
</tr>
<tr>
<td>250.9</td>
<td>DM with Unspecified Complication</td>
<td>9</td>
<td>With macular edema</td>
</tr>
</tbody>
</table>

5th Characters

- 0: Type 2 or unspecified type not stated as uncontrolled
- 1: Type 1 (juvenile) not stated as uncontrolled
- 2: Type 2 or unspecified type, uncontrolled
- 3: Type 1 (juvenile), uncontrolled
Getting to Know the Characters

• Character 7
  • Placeholder for extension of the code to increase specificity
  • May employ use of placeholder X to reach 7th character position
  • Can be alpha or numeric
  • Meanings will vary based on code category
  • Only used in selected code categories
Getting to Know the Characters

• Character 7
  • Examples of Use
    • Obstetrics
      • O33.6XX2: Maternal Care for Disproportion due to hydrocephalic fetus, fetus 2
  • Injuries and External Causes
    • Initial: Receiving active treatment
    • Subsequent: Receiving routine care during healing/recovery
  • Sequelae (formally Late Effects)
    • Complications/Condition (residual) presenting as a result of the condition
      • Scar remaining after burn skin graft
  • Examples
    • S63.501A: Unspecified sprain of right wrist, initial encounter
    • X00.0XXA: Exposure to flames in uncontrolled fire in building or structure, initial encounter
    • S01.312D: Laceration of Left Ear, subsequent encounter
ICD-10-CM Training

Missouri Department of Health and Senior Services

ICD-10-CM Coding Conventions
Agenda

Coding Conventions
- Coding Conventions – Language of Punctuation
- Coding Guidelines – A Chapter by Chapter Look
- Tabular versus Index – The Code Set Book

Today’s Learning Objective
- Understand the ICD-10 guidelines, coding conventions and their use
- Understand the ICD-10 Code Set Book
A Deeper Dive into the Language of ICD-10

Handout Review
General ICD-10-CM Guidelines Manual

- Guidelines Manual
  - Provides High-level and Detailed Information
    - Section I: ICD-9-CM to ICD-10-CM
      - Pages 3 through 17
        - Chapter Changes
        - ICD-10-CM Terms (reviewed in Session 1)
        - Code Structure (reviewed in Session 1)
        - Additional Category Definitions (reviewed in Session 1)
    - Section II: ICD-10-CM Conventions
      - Pages 18 through 21
        - ICD-10-CM Conventions Glossary of Terms
General ICD-10-CM Guidelines Manual

- Guidelines Manual
  - Provides High-level and Detailed Information
    - Section III: General Coding Guidelines
      - Pages 21 through 24
        - Golden Rules of Coding
        - Coding Guidelines, General
    - Section IV: Other Helpful Information
      - Pages 25 through 27
        - Coding Tips and Key Points of Understanding
    - Section V: Chapter by Chapter Information
      - Pages 28 through 41
        - Chapter by Chapter Guidelines, Coding Tips and Key Points of Understanding
General ICD-10-CM Guidelines Manual

- Section II: ICD-10-CM Conventions
  - Glossary of Terms
    - Section includes general and coding terms
  - Some Terms to Know
    - NEC
      - Not Elsewhere Classifiable
        - No specific code for this condition exists
    - NOS
      - Not Otherwise Specified
        - “Code of Last Resort”
          - Used only when there is a lack of information necessary to code to a more specific level
General ICD-10-CM Guidelines Manual

- Punctuation
  - [ ] Brackets
    - Used in the tabular
    - Encloses synonyms, alternate wording, explanatory phrases
  - [ ] Slanted Brackets
    - Used to indicate multiple codes are required
  - ( ) Parentheses
    - Encloses supplementary words that may be present or absent in the statement of a disease or procedure, but does not affect the code (number) assigned
    - Non-essential modifiers
  - : Colon
    - Used in Volume 1 (from ICD-9), used after an incomplete term
      - In ICD-10 the entire definition is indented
General ICD-10-CM Guidelines Manual

• Type Face
  • **Boldface**  
    • *Used for all codes and titles in the Tabular List*
  • *Italicized*  
    • *Used for all exclusion notes*
    • *Identifies codes that should not be used for describing the primary diagnosis*
General ICD-10-CM Guidelines Manual

- Coding Notes
  - Excludes 1
    - Conditions and Codes listed in Excludes 1 are never reported with the code above the Excludes 1 Note because the 2 conditions cannot occur together
  - Excludes 2
    - Indicates that the condition excluded is not a part of the condition represented by the code
    - May be reported in addition to the code because the patient could have both conditions at the same time
  - Use Additional Code
    - Instruction signals that an additional code should be used, if the information is available
  - Code First
    - The underlying disease should be coded first, the manifestation is coded second
    - Notes only appear in the Tabular List
  - Combination Code
    - A single code is used to classify two diagnoses
• Other FYI
  • Eponym
    • Disease or Syndrome Named after a Person
  • Notes
    • Used to define terms, clarify information, list choices for additional characters
  • Other
    • Used when the information in the medical record provides detail for which a specific code does not exist
  • See
    • Provides direction to a more specific term where the correct code can be found
  • See Also
    • Indicates additional information is available that may provide additional codes
  • See Category
    • Indicates that a specific category should be reviewed before assigning a code
  • Unspecified
    • Used when the medical record does not provide details to code to a more specified level
  • And
    • Means and/or
  • With
    • Associated with, due to
General ICD-10-CM Guidelines Manual

- Section III: General Coding Guidelines
  - Golden Rules
  - Coding Guidelines
    - Good To Know
      - Acute, Chronic, Both
      - Secondary Diagnosis Codes
      - Confirmed Diagnosis and Signs and Symptoms
      - Previous Conditions
      - Abnormal Test Findings
General ICD-10-CM Guidelines Manual

• Section IV: Other Helpful Information
  • Cool Coding Tips
    • My Personal Favorite, Number 15
      • Alpha Placement of Particular Chapters
General ICD-10-CM Guidelines Manual

• Section V: Chapter by Chapter Information
  • Includes New, Changes, and Need to Know Coding Guidelines
Coding Can Be Fun and Entertaining

Let’s Look at Some of the Most Absurd ICD-10-CM Codes
Coding Can Be Fun and Entertaining

- V97.33XD
- Sucked into Jet Engine
- Subsequent Encounter
- Clarity
  - First, is there anything left from the initial encounter
  - This is not a subsequent encounter of being sucked into a jet engine
  - This is the subsequent encounter with a provider
  - However, I go back to my first statement

- W61.62XD
- Struck by a Duck
- Subsequent Encounter
- Clarity
  - Like Sucked into a Jet Engine, this is a follow-up encounter with the same physician
Coding Can Be Fun and Entertaining

- Z63.1
- Problems with the In-Laws
- No Clarity Needed

- Z99.89
- Dependence on Enabling Machines and Devices, not elsewhere classified
- Clarity
  - Old and tired joke
  - Reason we called it a “crackberry”
One More for Good Measure

Crushed by alligator?

There’s a code for that! (ICD-10) W5803XA
Questions
Practice Makes Perfect
Steps to Look Up a Diagnosis Code

• Validate All Diagnostic Statements from the Medical Record
  • Determine the Main Term from each diagnostic statement documented
  • Can be found in the assessment and plan, admission history and physical, discharge summary, operations notes, progress notes, procedure notes

• Use Volume 2 (front of the book) Index to look up the diagnostic statement using main terms
  • Main Terms are Bolded
    • Main Terms are similar to Medical Terminology in the look up process
  • Review all sub-terms
  • Are there see or see also notations
  • Note the associate code
    • Notice any important characters
      • X, - (dash), checkmarks, etc

• Use Volume 1 (back of the book) Tabular to look up the noted code to select the highest level of specificity
  • Do you need additional characters
  • Are there additional coding notes (excludes, use additional code, etc)
Helpful Tips

• Immunization Coding
  • Z23 Encounter for Immunizations
    • Immunization Only
      • Primary Diagnosis
      • Secondary or Linked to Immunizations if other diagnosis codes are used for other services
  • Other Diagnosis Codes to Include
    • High Risk Indicators and Comorbidities
      • DM
      • Heart Conditions
Examples

• Patient with mild non proliferative diabetic retinopathy with macular edema, is type 2 and takes insulin daily, exam findings of a diabetic cataract in the right eye.
Examples

• Patient with mild non proliferative diabetic retinopathy with macular edema, is type 2 and takes insulin daily, exam findings of a diabetic cataract in the right eye.
  • E11.321
    • Diabetes, diabetic, type 2, with retinopathy, non-proliferative, mild, with macular edema
  • E11.36
    • Diabetes, diabetic, type 2, with cataract
  • Z79.4
    • Long-term drug therapy, insulin
Examples

• Patient with increasing dementia and forgetfulness has been wandering off and leaving home, forgets where he is or where he is going. Diagnosis of dementia due to early-onset of Alzheimer’s.
Examples

- Patient with increasing dementia and forgetfulness has been wandering off and leaving home, forgets where he is or where he is going. Diagnosis of dementia due to early-onset of Alzheimer’s.
  - G30.0
    - Alzheimer’s Disease or sclerosis
    - See Disease, Alzheimer’s, early onset, with behavioral disturbance
  - F02.91
    - Dementia, in Alzheimer’s disease
    - See Disease, Alzheimer’s
  - Z91.83
    - Wandering, in diseases classified elsewhere
Contact Us

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