ICD-10-CM Mappings

Linking ICD-9-CM to All Valid ICD-10-CM Alternatives

2017
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Introduction

Equivalent Mapping: The arrow symbol — designates a mapping relationship that is considered an “Equivalent Mapping.” The clinical concept between the two codes in ICD-9-CM and ICD-10-CM are considered completely equivalent.

**Example**

Users should be aware that just because a target ICD-10-CM code does not have an arrow, it does not mean that the clinical concepts are completely dissimilar. There may be additional clinical concepts that add specificity in ICD-10-CM that should be considered. For example, ICD-9-CM code 595.0 represents acute cystitis. In the ICD-9-CM to ICD-10-CM forward mapping, the code is mapped to two ICD-10-CM codes, N30.00 and N30.01.

**Example**

ICD-10-CM combines the clinical concepts of cystitis and hematuria, which ICD-9-CM does not. Therefore, although both N30.0- codes are mapped to 595.0, it is not considered an equivalent mapping because an additional code for the hematuria would be required in ICD-9-CM coding for the clinical concepts to match. Both of the examples above are considered one-to-one mapping relationships, yet one is equivalent and the other approximate. One code from the source system is mapped to one code option in the target system.

See Appendix A: The flag symbol ç designates those code mapping relationships that require multiple ICD-9-CM codes to satisfy the clinical concepts described in one ICD-10-CM code in the backward mapping.

**Example**

Appendix A provides all the ICD-9-CM code combinations required to complete the meaning of A18.01 tuberculosis of the spine.

- A18.01 015.00 and 711.48; 015.00 and 720.81; 015.00 and 730.88; 015.00 and 737.40

There are four coding scenarios for this particular example: tuberculosis of the spine maps back to arthropathy associated with tuberculosis, inflammatory spondylarthropathy due to tuberculosis, other infections (tuberculosis) involving bone, and curvature of the spine due to tuberculosis.

- Scenarios: Use of “and” and “or” Operators:

  GEM scenarios are the combinations of ICD-10-CM codes that are required to satisfy the meaning of an ICD-9-CM code. The user must take special note of the “and” and “or” operators found throughout the mapping guide. Whenever these operators appear, they are shaded in red as an alert that additional selection logic must be applied.

**Example**

The equivalent clinical concept of the ICD-9-CM code for ornithosis with pneumonia requires both ICD-10-CM codes A78 and J17 to be assigned.

In the following example, the ICD-9-CM code specifies that the traumatic amputation is bilateral but does not specify whether it is partial or complete. Because both pieces of information — left or right foot and partial or complete amputation — are specified in separate codes in ICD-10-CM, the entry in the ICD-9-CM to ICD-10-CM GEM is a “scenario” entry. Because two ICD-10-CM codes are required to satisfy the equivalent meaning in the ICD-9-CM combination code, and because the injury can be partial on one side and complete on the other, both sides partial, or both sides complete, there are four different scenarios from which to select based upon available documentation.
Example

ICD-9-CM: 896.2 TRAUMATIC AMP FT BILATERAL WITHOUT MENTION COMP

ICD-10-CM: S98.911A COMPLETE TRAUMAT AMP FT LEVEL LUNS INICIAL ENC and S98.921A PART TRAUMAT AMP FT LEVEL LUNS INICIAL ENC and S98.912A COMPLETE TRAUMAT AMP FT LEVEL LUNS INICIAL ENC and S98.922A PART TRAUMATIC AMP LT FT LEVEL LUNS INICIAL ENC

Because the ICD-9-CM coding system combines superficial foreign body codes for shoulder and upper arm into a single code and ICD-10-CM does not, the user must make a selection between the separate ICD-10-CM codes related to body site. Regardless of that choice, the secondary code (L 8.89) indicating the infection must be assigned in addition to the primary code for the foreign body.

- Brackets: Some ICD-10-CM codes appear in this manual with brackets as a space-saving convention. The character values in the brackets correspond to the valid values for the character position where the brackets appear. For example:

Original ICD-10-CM Codes:
- 896.2 TRAUMATIC AMP FT BILATERAL WITHOUT MENTION COMP

Bracketed ICD-10-CM Codes:
- S98.911A COMPLETE TRAUMAT AMP FT LEVEL LUNS INICIAL ENC
- S98.921A PART TRAUMAT AMP FT LEVEL LUNS INICIAL ENC
- S98.912A COMPLETE TRAUMAT AMP FT LEVEL LUNS INICIAL ENC
- S98.922A PART TRAUMATIC AMP FT LEVEL LUNS INICIAL ENC

6th character meanings for codes as indicated
- 1 RIGHT
- 2 LEFT
- 9 UNSPECIFIED

Example

ICD-9-CM: 912.7 SHLDR & UPPER ARM SUP FB NO MAJ OPN WOUND INFECTED

ICD-10-CM: S40.259A SUPERFICIAL FB UNS SHOULDER INITIAL ENC and S40.859A SUPERFICIAL FB UNS UPPER ARM INITIAL ENC and L08.89 STTR SPEC LOCAL INFECTIONS THE SANS & SUBQ TISSUE

The sixth character 1, 2, or 9 may be assigned to code M85.44 to represent laterality. Each page with bracketed codes has a key near the bottom of that table entry that provides the meanings for the characters within the brackets. Most bracketed characters involve those in either the sixth or seventh character position. Bracketed characters, along with their corresponding key, appear in blue type.
### ICD-10-CM Mappings

#### 250.51–250.73

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</table>

**Type 1 diabetes mellitus with hyperglycemia**

**Type 1 diabetes w diabetic peripheral angiopathy w/o gangrene**

**Type 1 diabetes w diabetic peripheral angiopathy w/ gangrene**

**Type 2 diabetes mellitus with hyperglycemia**

**Type 2 diabetes w diabetic peripheral angiopathy w/o gangrene**

**Type 2 diabetes w diabetic peripheral angiopathy w/ gangrene**

**Other diabetes mellitus w diabetic ophthalmic complication**

**Other diabetes mellitus with diabetic amyotrophy**

**Other diabetes mellitus w other diabetic complications**

**Type 1 diabetes w diabetic neuropathy, unspecified**

**Type 2 diabetes mellitus w diabetic neuropathy, unspecified**

**Type 1 diabetes w diabetic retinopathy w/o macular edema**

**Type 1 diabetes w diabetic retinopathy w/ macular edema**

**Type 2 diabetes mellitus w diabetic retinopathy w/o macular edema**

**Type 2 diabetes w diabetic retinopathy w/ macular edema**

**Type 1 diabetes w diabetic autonomic (poly)neuropathy**

**Type 1 diabetes mellitus w diabetic polyneuropathy**

**Type 1 diabetes mellitus w diabetic mononeuropathy**

**Oth diabetes mellitus w diabetic neuropathic arthropathy**

**Oth diabetes mellitus w other diabetic neurological complications**

**Oth diabetes mellitus w other diabetic complications**

**Type 1 diabetes w unsp diabetic retinopathy w macular edema**

**Type 1 diabetes w prolif diabetic retinopathy w macular edema**

**Type 1 diabetes w mild nonproliferative diabetic retinopathy w macular edema**

**Type 1 diabetes w moderate nonproliferative diabetic retinopathy w macular edema**

**Type 1 diabetes w severe nonproliferative diabetic retinopathy w macular edema**

**Type 1 diabetes w proliferative diabetic retinopathy w macular edema**

**Type 1 diabetes w severe proliferative diabetic retinopathy w macular edema**

**Type 1 diabetes w unsp diabetic neuropathy w/o gangrene**

**Type 1 diabetes w unsp diabetic neuropathy w/ gangrene**

**Type 1 diabetes w severe diabetic neuropathy w/o gangrene**

**Type 1 diabetes w severe diabetic neuropathy w/ gangrene**

**Type 1 diabetes w mild diabetic neuropathy w/o gangrene**

**Type 1 diabetes w mild diabetic neuropathy w/ gangrene**
ICD-10-CM Mappings

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### OTHER DISORDERS OF NEUROHYPOPHYSIS
- Diabete Insipidus

### OTHER ANTERIOR PITUITARY DISORDERS
- Pituitary Dwarfism
- Panhypopituitarism

### HYPOPARATHYROIDISM
- Idiopathic hypoparathyroidism

### OTHER HYPERPARATHYROIDISM
- Secondary hyperparathyroidism, not elsewhere classified

### HYPOGLYCEMIA
- Hypoglycemia, unspecified
- Other hypoglycemia

### DIABETES MELLITUS
- Type 1 diabetes mellitus with hyperglycemia
- Type 1 diabetes mellitus with unspecified complications
- Type 1 diabetes mellitus with other specified complications

### CONCLUSION
- Optum360, LLC
ICD-9-CM  |  ICD-10-CM
---|---
651.1  |  N62  |  Hypostrophy of breast
651.2  |  N64.8  |  Inguinal hernia and fallopian tube
651.3  |  N64.3  |  Hernia of breast
615.4  |  N64.2  |  Hypostrophy of breast
615.5  |  N64.9  |  Other specified disorder of breast
615.6  |  N64.3  |  Galactorrhea not associated with childbirth
615.7  |  N64.4  |  Mastodynia
615.79  |  N64.3  |  Unspecified lump in breast
615.81  |  N64.8  |  Ploiec of breast
615.83  |  N64.3  |  Hypostrophy of breast
615.83  |  N64.3  |  Hypostrophy of breast
615.9  |  N64.9  |  Other specified disorder of breast
628.2  |  N65.8  |  Deficiency of reconstructed breast
628.4  |  N27.0–N79.9  |  Acute inflammatory disease of breast, unspecified
628.4  |  N27.3  |  Female acute paracrine involvement of breast
628.4  |  N27.6  |  Female acute paracrine involvement of breast
628.5  |  N79.3  |  Mucositis (ulcerative) of vagina and vulva
628.6  |  N79.8  |  Ulceration of vulva in diseases classified elsewhere
628.6  |  N79.9  |  Ulceration of vulva
628.6  |  N80.0–N81.9  |  Other specified disorder of breast
628.6  |  N80.0  |  Other specified disorder of breast
628.6  |  N80.3  |  Ulceration of vulva
628.6  |  N80.5  |  Ulceration of vulva
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628.6  |  N82.7  |  Other specified disorder of breast
628.6  |  N82.8  |  Other specified disorder of breast
628.6  |  N82.9  |  Other specified disorder of breast

See Appendix A
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### 823.32–824.1  
**ICD-10-CM Mappings**

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<td>Open fracture of shaft of right tibia, not for open fx type I/2 ar</td>
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<td>S82.201B</td>
<td>Open fracture of shaft of left tibia, not for open fx type I/2 ar</td>
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<tr>
<td>S82.401A</td>
<td>Open fracture of shaft of left fibula, not for open fx type I/2</td>
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### 823.48  
**Torus fracture of tibia alone**

- S82.161A: Torus fracture of upper end of left tibia, not for close fx
- S82.162A: Torus fracture of upper end of right tibia, not for close fx
- S82.163A: Torus fracture of lower end of left tibia, not for close fx
- S82.164A: Torus fracture of lower end of right tibia, not for close fx
- S82.165A: Torus fracture of lower end of left fibula, not for close fx
- S82.166A: Torus fracture of lower end of right fibula, not for close fx
- S82.201A: Torus fracture of upper end of left fibula, not for close fx
- S82.202A: Torus fracture of upper end of right fibula, not for close fx
- S82.203A: Torus fracture of lower end of left fibula, not for close fx
- S82.204A: Torus fracture of lower end of right fibula, not for close fx

### 823.49  
**Torus fracture of fibula alone**

- S82.201A: Torus fracture of upper end of left fibula, not for close fx
- S82.202A: Torus fracture of upper end of right fibula, not for close fx
- S82.203A: Torus fracture of lower end of left fibula, not for close fx
- S82.204A: Torus fracture of lower end of right fibula, not for close fx

### 823.80  
**Closed fracture of unspecified part of tibia**

- S82.201A: Closed fracture of shaft of right tibia, not for close fx
- S82.202A: Closed fracture of shaft of left tibia, not for close fx
- S82.203A: Closed fracture of shaft of left fibula, not for close fx
- S82.204A: Closed fracture of shaft of right fibula, not for close fx

### 823.81  
**Closed fracture of unspecified part of fibula**

- S82.201A: Closed fracture of shaft of right fibula, not for close fx
- S82.202A: Closed fracture of shaft of left fibula, not for close fx
- S82.203A: Closed fracture of shaft of right tibia, not for close fx
- S82.204A: Closed fracture of shaft of left tibia, not for close fx

### 823.82  
**Closed fracture of unspecified part of fibula with tibia**

- S82.201A: Closed fracture of shaft of right tibia, not for close fx
- S82.202A: Closed fracture of shaft of left tibia, not for close fx
- S82.203A: Closed fracture of shaft of left fibula, not for close fx
- S82.204A: Closed fracture of shaft of right fibula, not for close fx

### 823.83  
**Open fracture of unspecified part of tibia**

- S82.321A: Displaced fracture of shaft of right tibia, not for open fx type I/2
- S82.322A: Displaced fracture of shaft of left tibia, not for open fx type I/2
- S82.323A: Displaced fracture of shaft of left fibula, not for open fx type I/2
- S82.324A: Displaced fracture of shaft of right fibula, not for open fx type I/2

### 823.84  
**Open fracture of unspecified part of fibula**

- S82.321A: Displaced fracture of shaft of right fibula, not for open fx type I/2
- S82.322A: Displaced fracture of shaft of left fibula, not for open fx type I/2

### 824.8  
**Closed fracture of medial malleolus**

- S82.201A: Displaced fracture of neck of right tibia, not for close fx
- S82.202A: Displaced fracture of neck of left tibia, not for close fx
- S82.203A: Displaced fracture of neck of left fibula, not for close fx
- S82.204A: Displaced fracture of neck of right fibula, not for close fx

### 824.1  
**Open fracture of medial malleolus**

- S82.321A: Displaced fracture of neck of right tibia, not for open fx type I/2
- S82.322A: Displaced fracture of neck of left tibia, not for open fx type I/2

### 824.4  
**Closed fracture of lateral malleolus**

- S82.201A: Displaced fracture of neck of right tibia, not for close fx
- S82.202A: Displaced fracture of neck of left tibia, not for close fx

### 824.5  
**Open fracture of lateral malleolus**

- S82.321A: Displaced fracture of neck of right tibia, not for open fx type I/2
- S82.322A: Displaced fracture of neck of left tibia, not for open fx type I/2

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Appendix B: Abbreviations

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