
Thomas J. Dwyer
Review of "ICD-10: Preparing for a Successful Implementation"

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Did you know...

You can click on a page number
Reference in the Table of Contents, and
Word will automatically take you there.



Registration Confirmation: :

----- Original Message -----

Subject: SPAM-LOW: Regarding Your ICD-10 Registration
Date: Wed, 19 Sep 2012 12:42:47 -0500
From: info@cmsdocsmail.org
Reply-To: info@icd-gem.com
To: <info@icd-gem.com>

Thank you for registering for ICD-10:Preparing for a Successful Implementation on September 21, 2012 at the CMS Building in Chicago. Below is the information you provided on your registration form:

First Attendee Name

Tom Dwyer

Fees (complimentary breakfast provided)

Non-Member (\$149.00)

Second Attendee Name

Fees (complimentary breakfast provided)

~~~~~

If you have any questions, please contact Elvia Medrano (emedrano@cmsdocs.org) at 312.670.2550.

Chicago Medical Society

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Intro: : Introduction

I passed up on the DISYS Healthcare Practice "ICD 9-10 Transition - Learn from the Industry's Leaders" webinar for the "ICD-10: Preparing for a Successful Implementation" at a cost to me of \$149 with Biscottie bread (cookies) and pink almond shaped candies with coffee with sugar and artificial creamer in cylindrical containers. The irony was some examples were on diabetes.

The instructor stated to all attendees that she gave a request to her assistant four months ago to make the presentation and did not follow up with the assistant until two weeks prior to the class, making this the first or beta class.

Question: Explain the GEM indicators

I didn't get a direct answer when asked about the five (5) GEM Boolean operators comprising of 3 flags, and 2 indicator codes and the instructor told us that no one except maybe research will be using the GEMs. My question was not about the ICD 9-10 GEM codes, it was about the five GEM operators (flags/indicators) and how they're used. I know the GEM indicators have explanations so it would be great to see examples of how to pick the codes using these

#### **G1: Approximate [FLAG]**

Attribute in a GEM that when turned on indicates that the entry is not considered equivalent

1 = Yes/On  
0 = No/Off

#### **G2: No Map [FLAG]**

Attribute in a GEM that when turned on indicates that a code in the source system is not linked to any code in the target system.

1 = Yes/On  
0 = No/Off

#### **G3: Combination Entry [FLAG]**

Attribute in a GEM that when turned on indicates that more than one code in the target system is required to satisfy the full equivalent meaning of a code in the source system

1 = Yes/On  
0 = No/Off

An entry in a GEM for which a code in the source system must be linked to more than one code option in the target system to be a valid entry.

An entry of the combination type is characterized by a compound correspondence: code A in the source system must be linked as a unit to code A and code B and code C in the target system to be a valid correspondence. Attributes in a GEM file clearly signal these special cases.

Stated another way, it takes more than one code in the target system to satisfy all of the meaning contained in one code in the source system. As discussed in this section, the situation occurs both when I-9 is the source system and when I-10 is the source system.

#### **G4: Scenario**

In a combination entry, a collection of codes from the target system containing the necessary codes that when combined as directed will satisfy the equivalent meaning of a code in the source system

0 - 9

#### **G5: Choice List**

In a combination entry, a list of one or more codes in the target system from which one code must be chosen to satisfy the equivalent meaning of a code in the source system

0 - 9

So my question would have been: How would one code the one-to-many ICD-9 code "806.4: Lumbar, closed" GEM to 24 ICD-10 codes. I can foresee the possibility for billing anomalies or errors. Apparently the resulting ICD-10 codes would be 2 of the 24 GEMd codes.

|      |   |   |   |   |   |         |                                                               |
|------|---|---|---|---|---|---------|---------------------------------------------------------------|
| 8064 | 1 | 0 | 1 | 1 | 1 | S34109A | Unspecified injury to unspecified level of lumbar spinal cord |
| 8064 | 1 | 0 | 1 | 1 | 1 | S34119A | Complete lesion of unspecified level of lumbar spinal cord    |
| 8064 | 1 | 0 | 1 | 1 | 1 | S34129A | Incomplete lesion of unspecified level of lumbar spinal cord  |
| 8064 | 1 | 0 | 1 | 1 | 2 | S32009A | Unspecified fracture of unspecified lumbar vertebra           |
| 8064 | 1 | 0 | 1 | 2 | 1 | S34101A | Unspecified injury to L1 level of lumbar spinal cord          |
| 8064 | 1 | 0 | 1 | 2 | 1 | S34111A | Complete lesion of L1 level of lumbar spinal cord             |
| 8064 | 1 | 0 | 1 | 2 | 1 | S34121A | Incomplete lesion of L1 level of lumbar spinal cord           |
| 8064 | 1 | 0 | 1 | 2 | 2 | S32019A | Unspecified fracture of first lumbar vertebra                 |
| 8064 | 1 | 0 | 1 | 3 | 1 | S34102A | Unspecified injury to L2 level of lumbar spinal cord          |
| 8064 | 1 | 0 | 1 | 3 | 1 | S34112A | Complete lesion of L2 level of lumbar spinal cord             |
| 8064 | 1 | 0 | 1 | 3 | 1 | S34122A | Incomplete lesion of L2 level of lumbar spinal cord           |
| 8064 | 1 | 0 | 1 | 3 | 2 | S32029A | Unspecified fracture of second lumbar vertebra                |
| 8064 | 1 | 0 | 1 | 4 | 1 | S34103A | Unspecified injury to L3 level of lumbar spinal cord          |
| 8064 | 1 | 0 | 1 | 4 | 1 | S34113A | Complete lesion of L3 level of lumbar spinal cord             |
| 8064 | 1 | 0 | 1 | 4 | 1 | S34123A | Incomplete lesion of L3 level of lumbar spinal cord           |
| 8064 | 1 | 0 | 1 | 4 | 2 | S32039A | Unspecified fracture of third lumbar vertebra                 |
| 8064 | 1 | 0 | 1 | 5 | 1 | S34104A | Unspecified injury to L4 level of lumbar spinal cord          |
| 8064 | 1 | 0 | 1 | 5 | 1 | S34114A | Complete lesion of L4 level of lumbar spinal cord             |
| 8064 | 1 | 0 | 1 | 5 | 1 | S34124A | Incomplete lesion of L4 level of lumbar spinal cord           |
| 8064 | 1 | 0 | 1 | 5 | 2 | S32049A | Unspecified fracture of fourth lumbar vertebra                |
| 8064 | 1 | 0 | 1 | 6 | 1 | S34105A | Unspecified injury to L5 level of lumbar spinal cord          |
| 8064 | 1 | 0 | 1 | 6 | 1 | S34115A | Complete lesion of L5 level of lumbar spinal cord             |
| 8064 | 1 | 0 | 1 | 6 | 1 | S34125A | Incomplete lesion of L5 level of lumbar spinal cord           |
| 8064 | 1 | 0 | 1 | 6 | 2 | S32059A | Unspecified fracture of fifth lumbar vertebra                 |

This example may be on the complex side which makes this set a good GEM example.

If you use 001.9 you'd get a simple one-to-one relationship.

001.9: Cholera, unspecified {0-0-0-0-0} A00.9: Cholera, unspecified

The example in the presentation on page 147 was confusing because the hierarchical representation is shown in my application shows a slightly different visual representation.

So when we take the 2013 ICD 9-10 GEM codes provided by CDC we have this situation  
43811: Aphasia {1-0-0-0-0} I69920: Aphasia following unspecified cerebrovascular disease  
1-to-1

But when we take the 2013 ICD 10-9 GEM codes provided by CDC we have this situation.

| ICD-10  | ICD-10 Desc                                                  | ICD-9 |    |    |    |    | ICD-9 Desc    |
|---------|--------------------------------------------------------------|-------|----|----|----|----|---------------|
|         |                                                              | g1    | g2 | g3 | g4 | g5 |               |
| I69.020 | Aphasia following nontraumatic subarachnoid hemorrhage       | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |
| I69.120 | Aphasia following nontraumatic intracerebral hemorrhage      | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |
| I69.220 | Aphasia following other nontraumatic intracranial hemorrhage | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |
| I69.820 | Aphasia following other cerebrovascular disease              | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |
| I69.320 | Aphasia following cerebral infarction                        | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |
| I69.920 | Aphasia following unspecified cerebrovascular disease        | 1     | 0  | 0  | 0  | 0  | 438.1 Aphasia |

Now this is an example of the confusion that may arise.

The ICD-9 to ICD-10 GEM does not seem to logically be synchronized with the ICD-10 to ICD-9 GEM.

The example on page 147 has 438.11's definition that is for a higher hierarchical level, i.e., "438" not "438.11"

These codes and GEM relationships are directly from HHS/CMS/CDC.



PAGE 125: 25

V15.8: Other specified personal history presenting hazards to health ::[Excludes: contact with and (suspected) exposure to: aromatic compounds and dyes (V87.11-V87.19) arsenic and other metals (V87.01-V87.09) molds (V87.31)

V15.81: Noncompliance with medical treatment ::[Excludes: noncompliance with renal dialysis (V45.12)

GEMs to:

V15.81 {1-0-0-0-0} Z91.19: Patient's noncompliance with other medical treatment and regimen

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ICD-9-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 TreeView GEM: List GEM: Scenario: List GEM: Scenario: TreeView

ICD 9-10 GEM: Scenario: TreeView

+ ICD-9 Code :::: ICD-9cm Description

|       |   |   |   |
|-------|---|---|---|
| :     | A | C | C |
| :     | p | o | h |
| :     | p | m | o |
| :     | r | b | o |
| :     | o | i | c |
| :     | x | N | e |
| :     | i | n | e |
| :     | m | a | n |
| :     | a | M | a |
| :     | t | i | L |
| ..... | e | p | t |

ICD-10 Code :::: ICD-10cm Description

+ V15.80 History of failed moderate sedation History of failed conscious sedation

- V15.81 Noncompliance with medical treatment ::[Excludes: noncompliance with renal dialysis (V45.12)

- 1 0 0 0 0 Z91.19 Patient's noncompliance with other medical treatment and regimen

+ V15.82 History of tobacco use ::[Excludes: tobacco dependence (305.1)

+ V15.83 Underimmunization status Delinquent immunization status Lapsed immunization schedule status

+ V15.84 Contact with and (suspected) exposure to asbestos

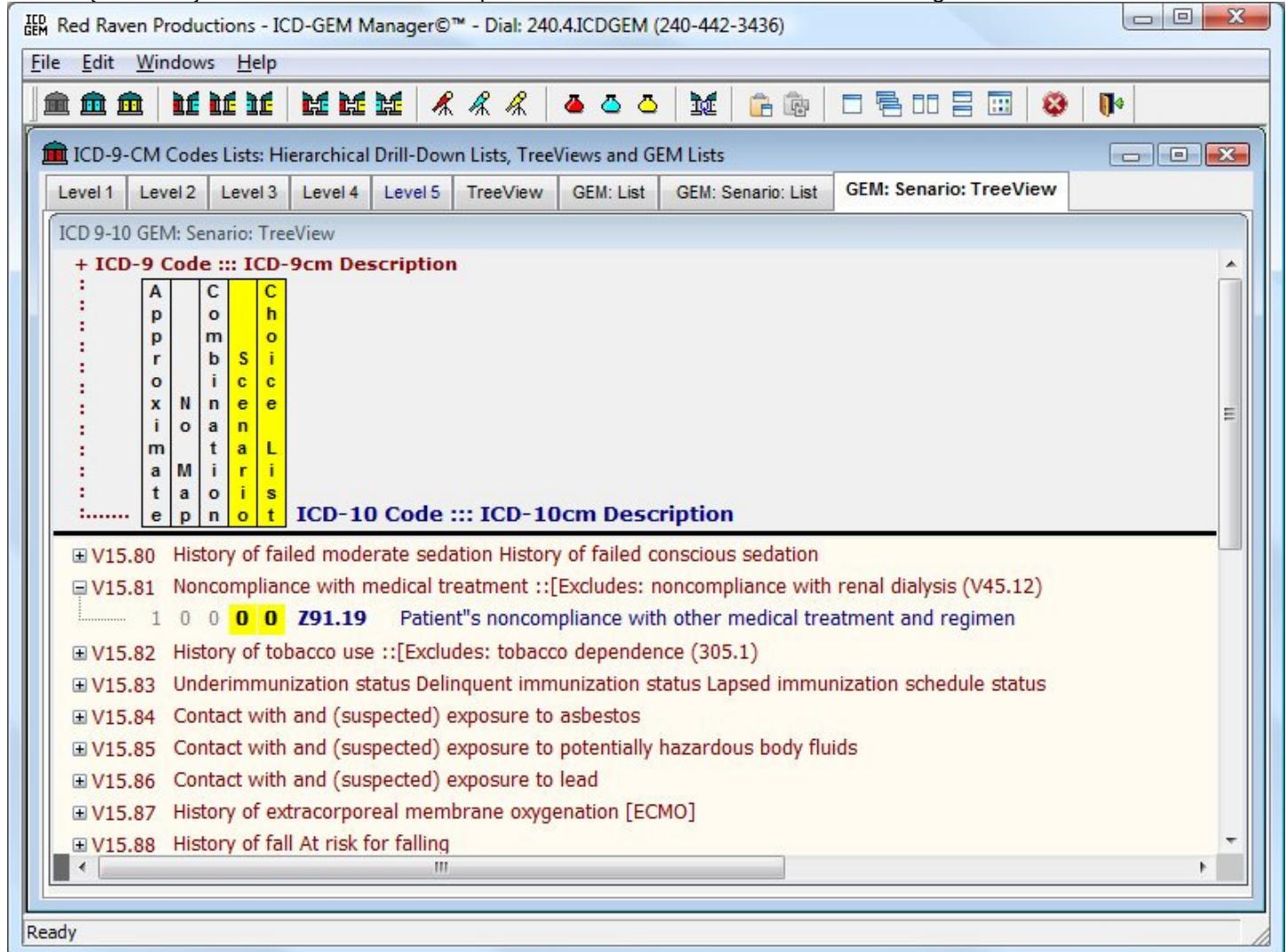
+ V15.85 Contact with and (suspected) exposure to potentially hazardous body fluids

+ V15.86 Contact with and (suspected) exposure to lead

+ V15.87 History of extracorporeal membrane oxygenation [ECMO]

+ V15.88 History of fall At risk for falling

Ready



But if you use the ICD-10 hierarchical tabs, the TreeView for Levels 4, 5 and 6

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ICD-10-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Level 7 TV 4,5,6

TreeView of ICD-10 Levels [Bold Items = Lowest level]

- Z91.1: Patient's noncompliance with medical treatment and regimen
  - Z91.11: Patient's noncompliance with dietary regimen**
  - Z91.12: Patient's intentional underdosing of medication regimen :::[CODE-FIRST: underdosing of medication (T36-T54) -code to adverse effect of prescribed drug taken as directed- code to adverse effectpoisoning (overdose) -code to poisoning]
    - Z91.120: Patient's intentional underdosing of medication regimen due to financial hardship**
    - Z91.128: Patient's intentional underdosing of medication regimen for other reason**
  - Z91.13: Patient's unintentional underdosing of medication regimen :::[CODE-FIRST: underdosing of medication (T36-T54) -adverse effect of prescribed drug taken as directed- code to adverse effectpoisoning (overdose) -code to poisoning]
    - Z91.130: Patient's unintentional underdosing of medication regimen due to age-related debility**
    - Z91.138: Patient's unintentional underdosing of medication regimen for other reason**
  - Z91.14: Patient's other noncompliance with medication regimen :::[INCLUSION-TERM: Patient's underdosing of medication due to noncompliance]**
  - Z91.15: Patient's noncompliance with renal dialysis**
  - Z91.19: Patient's noncompliance with other medical treatment and regimen**

Arrange all as Layered

If the "V15.81" i9 code GEMs to "Z91.19" Wouldn't the GEM flags and indicators help?

V15.81 {1-0-0-0-0} Z91.19



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ICD-10 Index & Reference

| ICD-10: Index of Diseases & Injuries              | Neoplasms | Reimbursement Map Dx | ICD-10 CM Duplicate Codes |            |        |                    |                      |  |
|---------------------------------------------------|-----------|----------------------|---------------------------|------------|--------|--------------------|----------------------|--|
| Neoplasm Description                              |           | Malignant Primary    | Malignant Secondary       | Ca In Situ | Benign | Uncertain Behavior | Unspecified Behavior |  |
| - lip                                             |           | C00.9                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - buccal aspect:::[SEE: Neoplasm, lip, internal |           |                      |                           |            |        |                    |                      |  |
| - - commissure                                    |           | C00.6                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - external                                      |           | C00.2                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - - lower                                       |           | C00.1                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - - upper                                       |           | C00.0                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - frenulum:::[SEE: Neoplasm, lip, internal      |           |                      |                           |            |        |                    |                      |  |
| - - inner aspect:::[SEE: Neoplasm, lip, internal  |           |                      |                           |            |        |                    |                      |  |
| - - internal                                      |           | C00.5                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - - lower                                       |           | C00.4                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |
| - - - upper                                       |           | C00.3                | C79.89                    | D00.01     | D10.0  | D37.01             | D49.0                |  |

ICD-10: Research Lists



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ICD-10-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Level 7 TV 4,5,8

Double-Click row/column for ICD-10 Group Level 4 or to Copy to the Clipboard!

**C00** Malignant neoplasm of lip :::[USE-ADDITIONAL-CODE: code to identify:: alcohol abuse and dependence (F10.-): history of tobacco use (Z87.891): tobacco dependence (F17.-): tobacco use (Z72.0) :::[EXCLUDES-1: malignant melanoma of lip (C43.0): Merkel cell carcinoma of lip (C4A.0): other and unspecified malignant neoplasm of skin of lip (C44.0-)

**C01** Malignant neoplasm of base of tongue :::[INCLUSION-TERM: Malignant neoplasm of dorsal surface of base of tongue: Malignant neoplasm of fixed part of tongue NOS: Malignant neoplasm of posterior third of tongue :::[USE-ADDITIONAL-CODE: code to identify:: alcohol abuse and dependence (F10.-): history of tobacco use (Z87.891): tobacco dependence (F17.-): tobacco use (Z72.0)

**C02** Malignant neoplasm of other and unspecified parts of tongue :::[USE-ADDITIONAL-CODE: code to identify:: alcohol abuse and dependence (F10.-): history of tobacco use (Z87.891): tobacco dependence (F17.-): tobacco use (Z72.0)

**C03** Malignant neoplasm of gum :::[INCLUDES: malignant neoplasm of alveolar (ridge) mucosa: malignant neoplasm of gingiva :::[USE-ADDITIONAL-CODE: code to identify:: alcohol abuse and dependence (F10.-): history of tobacco use (Z87.891): tobacco dependence (F17.-): tobacco use (Z72.0) :::[EXCLUDES-2: malignant odontogenic neoplasms (C41.0-C41.1)

ICD 10-9 GEM Row: 25 OF 79314

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ICD-10-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Level 7 TV 4,5,8

Double-Click row/column for ICD-10 Group Level 5 or to Copy to the Clipboard!

**D10.0:** Benign neoplasm of lip :::[INCLUSION-TERM: Benign neoplasm of lip (frenulum) (inner aspect) (mucosa) (vermilion border) :::[EXCLUDES-1: benign neoplasm of skin of lip (D22.0, D23.0)

**D10.1:** Benign neoplasm of tongue :::[INCLUSION-TERM: Benign neoplasm of lingual tonsil

**D10.2:** Benign neoplasm of floor of mouth

**D10.3:** Other and unspecified parts of mouth

**D10.4:** Benign neoplasm of tonsil :::[INCLUSION-TERM: Benign neoplasm of tonsil (faucial) (palatine) :::[EXCLUDES-1: benign neoplasm of lingual tonsil (D10.1): benign neoplasm of pharyngeal tonsil (D10.6): benign neoplasm of tonsillar fossa (D10.5): benign neoplasm of tonsillar pillars (D10.5)

**D10.5:** Benign neoplasm of other parts of oropharynx :::[INCLUSION-TERM: Benign neoplasm of epiglottis, anterior aspect: Benign neoplasm of tonsillar fossa: Benign neoplasm of tonsillar pillars: Benign neoplasm of vallecula :::[EXCLUDES-1: benign neoplasm of epiglottis NOS (D14.1): benign neoplasm of epiglottis, suprathyroid portion (D14.1)

**D10.6:** Benign neoplasm of nasopharynx :::[INCLUSION-TERM: Benign neoplasm of pharyngeal tonsil: Benign neoplasm of posterior margin of septum and choanae

**D10.7:** Benign neoplasm of hypopharynx

**D10.9:** Benign neoplasm of pharynx, unspecified

ICD 10-9 GEM Row: 25 OF 79314



PAGE 133: 33 Is represented this way by my invention.  
The 7th character is defined depending upon code set.

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ICD-10 Index & Reference

|                                      |           |                      |                           |                      |                       |
|--------------------------------------|-----------|----------------------|---------------------------|----------------------|-----------------------|
| ICD-10: Index of Diseases & Injuries | Neoplasms | Reimbursement Map Dx | ICD-10 CM Duplicate Codes | ICD-10 7th Character | ICD-10 7th Char. List |
|--------------------------------------|-----------|----------------------|---------------------------|----------------------|-----------------------|

7th Character

The appropriate 7th character is to be added to each code from category

---

M1a

-0 = without tophus (tophi)  
-1 = with tophus (tophi)

---

M48.4 - M48.5A: initial encounter for fracture

-D = subsequent encounter for fracture with routine healing  
-G = subsequent encounter for fracture with delayed healing  
-S = sequela of fracture

---

M80, M84.3 - M84.6A: initial encounter for fracture

-D = subsequent encounter for fracture with routine healing  
-G = subsequent encounter for fracture with delayed healing  
-K = subsequent encounter for fracture with nonunion  
-P = subsequent encounter for fracture with malunion  
-S = sequela

Ready

**File Edit Windows Help**

**ICD-10 Index & Reference**

| ICD-10: Index of Diseases & Injuries | Neoplasms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Reimbursement Map Dx | ICD-10 CM Duplicate Codes | ICD-10 7th Character | ICD-10 7th Char. List |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|----------------------|-----------------------|
| <b>ICD-10 Code</b>                   | <b>ICD-10 7th Character Descriptions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |                           |                      |                       |
| O69.                                 | Labor and delivery complicated by umbilical cord complications :::[7th-CHR-NOTE: One of the following 7th characters is to be assigned to each code under category O69. 7th character 0 is for single gestations and multiple gestations where the fetus is unspecified. 7th characters 1 through 9 are for cases of multiple gestations to identify the fetus for which the code applies. The appropriate code from category O30, Multiple gestation, must also be assigned when assigning a code from category O69 that has a 7th character of 1 through 9. :::[7th-CHR-DEF: 0>not applicable or unspecified: 1>fetus 1: 2>fetus 2: 3>fetus 3: 4>fetus 4: 5>fetus 5: 9>other fetus |                      |                           |                      |                       |
| R40.2                                | Coma :::[CODE-FIRST: any associated::: coma in fracture of skull (S02.-): coma in intracranial injury (S06.-) :::[7th-CHR-NOTE: The appropriate 7th character is to be added to each code from subcategory R40.21-, R40.22-, R40.23-: :::[7th-CHR-DEF: 0>unspecified time1>in the field [EMT or ambulance]2>at arrival to emergency department3>at hospital admission4>24 hours or more after hospital admission :::[NOTES: A code from each subcategory is required to complete the coma scale                                                                                                                                                                                      |                      |                           |                      |                       |
| S00.                                 | Superficial injury of head :::[EXCLUDES-1: diffuse cerebral contusion (S06.2-): focal cerebral contusion (S06.3-): injury of eye and orbit (S05.-): open wound of head (S01.-) :::[7th-CHR-NOTE: The appropriate 7th character is to be added to each code from category S00 :::[7th-CHR-DEF: A>initial encounter: D>subsequent encounter: S>sequela                                                                                                                                                                                                                                                                                                                                 |                      |                           |                      |                       |
| S01.                                 | Open wound of head :::[codeAlso: any associated::: injury of cranial nerve (S04.-): injury of muscle and tendon of head (S09.1-): intracranial injury (S06.-): wound infection :::[EXCLUDES-1: open skull fracture (S02.- with 7th character B) :::[EXCLUDES-2: injury of eye and orbit (S05.-): traumatic amputation of part of head (S08.-) :::[7th-CHR-NOTE: The appropriate 7th character is to be added to each code from category S01 :::[7th-CHR-DEF: A>initial encounter: D>subsequent encounter: S>sequela                                                                                                                                                                  |                      |                           |                      |                       |

Ready



PAGE 142 looks like this:

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ICD-9-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 TreeView GEM: List GEM: Scenario: List GEM: Scenario: TreeView

ICD-9: Treeview: Levels 3,4,5 [Bold = Lowest level]

402: Hypertensive heart disease ::[Includes: hypertensive: cardiomegaly cardiopathy cardiovascular disease heart (disease) (failure) any condition classifiable to 429.0-429.3, 429.8, 429.9 due to hypertension Use additional code to specify type of heart failure (428.0-428.43), if known

- 402.0: Malignant
  - 402.00: **Without heart failure**
  - 402.01: **With heart failure**
- 402.1: Benign
  - 402.10: **Without heart failure**
  - 402.11: **With heart failure**
- 402.9: Unspecified
  - 402.90: **Without heart failure**
  - 402.91: **With heart failure**

N/A N/A

+ N/A N/A

Ready

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ICD-9-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Arrange all sheets as Cascade!

Level 1 Level 2 Level 3 Level 4 Level 5 TreeView GEM: List GEM: Scenario: List GEM: Scenario: TreeView

ICD 9-10 GEM: Scenario: TreeView

+ ICD-9 Code :: ICD-9cm Description

|       |   |   |
|-------|---|---|
| A     | C | C |
| p     | o | h |
| p     | m | o |
| r     | b | S |
| o     | i | i |
| x     | N | c |
| i     | n | e |
| m     | a | n |
| a     | M | L |
| t     | i |   |
| e     | p | o |
| ..... | n | i |
|       | o | s |
|       | n | o |
|       | o | t |

ICD-10 Code :: ICD-10cm Description

+ 402. Hypertensive heart disease :::[Includes: hypertensive: cardiomegaly cardiopathy cardiovascular disease]

- 402.00 Without heart failure

    1 0 0 **0 0** **I11.9** Hypertensive heart disease without heart failure :::[INCLUSION-TERM: Hypertensive heart disease NOS]

- 402.01 With heart failure

    1 0 0 **0 0** **I11.0** Hypertensive heart disease with heart failure :::[INCLUSION-TERM: Hypertensive heart failure :::[USE-ADDITIONAL-CODE: code to identify type of heart failure (I50.-)]]

+ 402.10 Without heart failure

+ 402.11 With heart failure

+ 402.90 Without heart failure

402.91 Without heart failure

Arrange all as Cascade!

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ICD-10-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Double-Click row/column for ICD-10 Group Level 5 or to Copy to the Clipboard!

Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Level 7 TreeView

**I11.0:** Hypertensive heart disease with heart failure :::[INCLUSION-TERM: Hypertensive heart failure :::[USE-ADDITIONAL-CODE: code to identify type of heart failure (I50.-)]]

**I11.9:** Hypertensive heart disease without heart failure :::[INCLUSION-TERM: Hypertensive heart disease NOS]

Arrange all as Cascade!



PAGE 148:

|      |                     |                |         |   | Code            | Description                                         |
|------|---------------------|----------------|---------|---|-----------------|-----------------------------------------------------|
| 931. | Foreign body in ear | Auditory canal | Auricle |   |                 |                                                     |
|      | 0                   | 0              | 0       | 0 | <b>T16.</b>     | Foreign body in ear :::[INCLUDES: foreign body in a |
|      | 1                   | 0              | 0       | 0 | <b>T16.1XXA</b> | T16.1: Foreign body in right ear                    |
|      | 1                   | 0              | 0       | 0 | <b>T16.2XXA</b> | T16.2: Foreign body in left ear                     |
|      | 1                   | 0              | 0       | 0 | <b>T16.9XXA</b> | T16.9: Foreign body in ear, unspecified ear         |

ICD 9-10 GEM Codes from CDC:

931 T161XXA 10000

931 T162XXA 10000

931 T169XXA 10000

ICD 10-9 GEM Codes from CDC:

T161XXA 931 1 0 1 1 1

T162XXA 931 1 0 1 1 1

T169XXA 931 1 0 1 1 1

The 148 page shows T16.?, the "?" is 1,2,3 when the CDC shows 1,2,9 in the 4th position.

Confusing. Who's right?



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ICD-10-CM Codes Lists: Hierarchical Drill-Down Lists, TreeViews and GEM Lists

Level 1 Level 2 Level 3 Level 4 Level 5 Level 6 Level 7 TreeView

Double-Click row/column for ICD-10 Group Level 4 or to Copy to the Clipboard!

**J44** Other chronic obstructive pulmonary disease :::[INCLUDES: asthma with chronic obstructive pulmonary disease; chronic asthmatic (obstructive) bronchitis; chronic bronchitis with airways obstruction; chronic bronchitis with emphysema; chronic emphysematous bronchitis; chronic obstructive asthma; chronic obstructive bronchitis; chronic obstructive tracheobronchitis :::[codeAlso: type of asthma, if applicable (J45.-); :::[USE-ADDITIONAL-CODE: code to identify:: exposure to environmental tobacco smoke (Z77.22); history of tobacco use (Z87.891); occupational exposure to environmental tobacco smoke (Z57.31); tobacco dependence (F17.-); tobacco use (Z72.0) :::[EXCLUDES-1: bronchiectasis (J47.-); chronic bronchitis NOS (J42); chronic simple and mucopurulent bronchitis (J41.-); chronic tracheitis (J42); chronic tracheobronchitis (J42); emphysema without chronic bronchitis (J43.-); lung diseases due to external agents (J60-J70)

Arrange all as Layered



## EXTRA:

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ICD-10 Index & Reference

| ICD-10: Index of Diseases & Injuries |           | Neoplasms |         | Reimbursement Map Dx |         | ICD-10 CM Duplicate Codes |         | ICD-10 7th Character | ICD-10 7th Char. List |
|--------------------------------------|-----------|-----------|---------|----------------------|---------|---------------------------|---------|----------------------|-----------------------|
| Icd-10 Code                          | Map Count | ICD-9 1   | ICD-9 2 | ICD-9 3              | ICD-9 4 | ICD-9 5                   | ICD-9 6 |                      |                       |
| A00.0                                | 1         | 001.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A00.1                                | 1         | 001.1     | .       | .                    | .       | .                         | .       |                      |                       |
| A00.9                                | 1         | 001.9     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.00                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.01                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.02                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.03                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.04                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.05                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.09                               | 1         | 002.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.1                                | 1         | 002.1     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.2                                | 1         | 002.2     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.3                                | 1         | 002.3     | .       | .                    | .       | .                         | .       |                      |                       |
| A01.4                                | 1         | 002.9     | .       | .                    | .       | .                         | .       |                      |                       |
| A02.0                                | 1         | 003.0     | .       | .                    | .       | .                         | .       |                      |                       |
| A02.1                                | 2         | 003.1     | 995.91  | .                    | .       | .                         | .       |                      |                       |

ICD-10: Research Lists

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ICD-10 Index & Reference

| ICD-10: Index of Diseases & Injuries |                                                                                                  | Neoplasms |  | Reimbursement Map Dx |        | ICD-10 CM Duplicate Codes                      |  | ICD-10 7th Character | ICD-10 7th Char. List |
|--------------------------------------|--------------------------------------------------------------------------------------------------|-----------|--|----------------------|--------|------------------------------------------------|--|----------------------|-----------------------|
| ICD-9                                | ICD-9 CM Description                                                                             |           |  |                      | ICD-10 | ICD-10 CM Description                          |  |                      |                       |
| E030                                 | Unspecified activity                                                                             |           |  |                      | E030   | Congenital hypothyroidism with diffuse goit    |  |                      |                       |
| E8020                                | Railway accident involving derailment without antecedent collision injuring railway employee     |           |  |                      | E8020  | Unspecified porphyria                          |  |                      |                       |
| E8021                                | Railway accident involving derailment without antecedent collision injuring passenger on railway |           |  |                      | E8021  | Acute intermittent (hepatic) porphyria         |  |                      |                       |
| E8029                                | Railway accident involving derailment without antecedent collision injuring unspecified person   |           |  |                      | E8029  | Other porphyria                                |  |                      |                       |
| E8300                                | Accident to watercraft causing submersion injuring occupant of small boat, unpowered             |           |  |                      | E8300  | Disorder of copper metabolism, unspecified     |  |                      |                       |
| E8301                                | Accident to watercraft causing submersion injuring occupant of small boat, powered               |           |  |                      | E8301  | Wilson's disease                               |  |                      |                       |
| E8309                                | Accident to watercraft causing submersion injuring unspecified person                            |           |  |                      | E8309  | Other disorders of copper metabolism           |  |                      |                       |
| E8310                                | Accident to watercraft causing other injury to occupant of small boat, unpowered                 |           |  |                      | E8310  | Disorder of iron metabolism, unspecified       |  |                      |                       |
| E8319                                | Accident to watercraft causing other injury to unspecified person                                |           |  |                      | E8319  | Other disorders of iron metabolism             |  |                      |                       |
| E8330                                | Fall on stairs or ladders in water transport injuring occupant of small boat, unpowered          |           |  |                      | E8330  | Disorder of phosphorus metabolism, unspecified |  |                      |                       |
| E8331                                | Fall on stairs or ladders in water transport injuring                                            |           |  |                      | E8331  | Familial hypophosphatemia                      |  |                      |                       |

ICD-10: Research Lists



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