



## ICD-10-CM Coding Basics

Understanding the ICD-10-CM Codebook

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# ICD-10-CM Coding Basics

Understanding the ICD-10-CM Codebook Volumes 1-2



### ICD-10-CM Codebook Layout

Understanding the structure of and navigating through the ICD-10-CM codebook



### Conventions & Guidelines

Conventions give us instructions on how to properly assign codes



### Locating the ICD-10-CM Code

Step-by-step instructions to locate the ICD-10-CM code



### Practical Application

Practical application to practice locating ICD-10-CM codes

## | ICD-10-CM Layout

- Coding Conventions
- Official ICD-10-CM Guidelines for Coding and Reporting
- Index to Diseases and Injuries (Alphabetic Index)
- Table of Neoplasms
- Table of Drugs and Chemicals
- Index to External Cause of Injuries
- Tabular List

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## | Alphabetic Index: History

### History

family (of) (*see also* History, personal (of))  
alcohol abuse Z81.1  
allergy NEC Z84.89  
anemia Z83.2  
arthritis Z82.61  
asthma Z82.5  
blindness Z82.1  
cardiac death (sudden) Z82.41  
carrier of genetic disease Z84.81  
chromosomal anomaly Z82.79  
chronic  
    disabling disease NEC Z82.8  
    lower respiratory disease Z82.5  
colonic polyps Z83.71  
congenital malformations and  
    deformations Z82.79

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## | Index to Diseases and Injuries: History

personal (of) (see also History, family (of))  
abuse   
  childhood Z62.819  
  physical Z62.810  
  psychological Z62.811  
  sexual Z62.810  
adult Z91.419  
  physical and sexual Z91.410  
  psychological Z91.411  
alcohol dependence F10.21  
allergy (to) Z88.9  
  analgesic agent NEC Z88.6  
  anesthetic Z88.4  
  antibiotic agent NEC Z88.1  
  anti-infective agent NEC Z88.3  
  contrast media Z91.041  
  drugs, medicaments and biological  
    substances Z88.9  
  specified NEC Z88.8

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| Looking at the Alphabetic Index, what is the ICD-10-CM code for personal history of alcohol dependence?

Z81.1

Z81.8

Z62.819

F10.21

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## Table of Neoplasms

Neoplasm Index	Malignant Primary	Malignant Secondary	Ca in situ	Benign	Uncertain Behavior	Unspecified Behavior
<b>Neoplasm, neoplastic</b>	C80.1	C79.9	D09.9	D36.9	D48.9	D49.9
abdomen, abdominal	C76.2	C79.8-	D09.8	D36.7	D48.7	D49.89
cavity	C76.2	C79.8-	D09.8	D36.7	D48.7	D49.89
organ	C76.2	C79.8-	D09.8	D36.7	D48.7	D49.89
viscera	C76.2	C79.8-	D09.8	D36.7	D48.7	D49.89
wall (see also Neoplasm, abdomen, wall, skin)	C44.509	C79.2-	D04.5	D23.5	D48.5	D49.2
connective tissue	C49.4	C79.8-	-	D21.4	D48.1	D49.2
skin	C44.509					

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Using the Table of Neoplasms, what is the code for primary malignancy in the abdominal cavity?

C80.1

C76.2

D09.8

D49.89

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## Table of Drugs and Chemicals

Substance	Poisoning, Accidental (unintentional)	Poisoning, Intentional self-harm	Poisoning, Assault	Poisoning, Undetermined	Adverse effect	Underdosing
<b>1-propanol</b>	T51.3X1	T51.3X2	T51.3X3	T51.3X4	---	---
<b>2-propanol</b>	T51.2X1	T51.2X2	T51.2X3	T51.2X4	---	---
<b>2, 4-D</b> (dichlorophenoxyacetic acid)	T60.3X1	T60.3X2	T60.3X3	T60.3X4	---	---
<b>2, 4-toluene diisocyanate</b>	T65.0X1	T65.0X2	T65.0X3	T65.0X4	---	---
<b>2, 4, 5-T</b> (trichlorophenoxyacetic acid)	T60.1X1	T60.1X2	T60.1X3	T60.1X4	---	---
<b>14-hydroxydihydromorphinone</b>	T40.2X1	T40.2X2	T40.2X3	T40.2X4	T40.2X5	T40.2X6
<b>A</b>						
<b>ABOB</b>	T37.5X1	T37.5X2	T37.5X3	T37.5X4	T37.5X5	T37.5X6
<b>Abrine</b>	T62.2X1	T62.2X2	T62.2X3	T62.2X4	---	---
<b>Abrus</b> (seed)	T62.2X1	T62.2X2	T62.2X3	T62.2X4	---	---
<b>Absinthe</b>	T51.0X1	T51.0X2	T51.0X3	T51.0X4	---	---
beverage	T51.0X1	T51.0X2	T51.0X3	T51.0X4	---	---
<b>Acaricide</b>	T60.8X1	T60.8X2	T60.8X3	T60.8X4	---	---

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Using the Table of Drugs and Chemicals, which code is listed in the table for a suicide attempt using Absinthe?

T51.3X1

T51.0X1

T51.0X2

T51.3X2

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## ICD-10-CM Layout

### External Cause of Injuries Index

- External cause codes describe how an injury occurred
- Read the notes at the beginning of ICD-10-CM Chapter 20 External Causes of Morbidity
- NEVER primary

Fall, falling (accidental) W19   
building W20.1   
burning (uncontrolled fire) X00.3   
down  
embankment W17.81   
escalator W10.0   
hill W17.81   
ladder W11   
ramp W10.2   
stairs, steps W10.9

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## ICD-10-CM Layout

### Tabular List of Diseases and Injuries

1. Certain Infectious and Parasitic Diseases (A00-B99)
2. Neoplasms (C00-D49)
3. Disease of Blood and Blood-Forming Organs and Certain Disorders Involving the Immune Mechanism (D50-D89)
4. Endocrine, Nutritional and Metabolic Diseases (E00-E89)
5. Mental, Behavioral and Neurodevelopmental Disorders (F01-F99)
6. Diseases of Nervous System and Sense Organs (G00-G99)
7. Diseases of the Eye and Adnexa (H00-H59)
8. Diseases of the Ear and Mastoid Process (H60-H95)
9. Diseases of the Circulatory System (I00-I99)
10. Diseases of the Respiratory System (J00-J99)
11. Diseases of the Digestive System (K00-K99)
12. Diseases of the Skin and Subcutaneous Tissue (L00-L99)
13. Diseases of the Musculoskeletal System and Connective Tissue (M00-M99)
14. Diseases of the Genitourinary System (N00-N99)
15. Pregnancy, Childbirth, and the Puerperium (O00-O99)
16. Certain conditions Originating in the Perinatal Period (P00-P99)
17. Congenital Malformations, Deformations, and Chromosomal Abnormalities (Q00-Q99)
18. Symptoms, Signs, and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (R00-R99)
19. Injury, Poisoning, and Certain Other Consequences of External Causes (S00-T88)
20. External Causes of Morbidity (V00-Y99)
21. Factors Influencing Health Status and Contact with Health Services (Z00-Z99)

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## | Coding Conventions and Guidelines

### **Overview**

- Conventions for the ICD-10-CM
- Official ICD-10-CM Guidelines for Coding and Reporting

## | Coding Conventions

### **Abbreviation NOS**

- Not otherwise specified
- Lacks information to use a more specific code

Sinusitis (accessory) (chronic) (hyperplastic) (nasal)  
(nonpurulent) (purulent) J32.9

**J32.9 Chronic sinusitis, unspecified**  
Sinusitis (chronic) NOS

# Coding Conventions

## Parentheses

- Enclose supplementary words
- Nonessential modifiers

Pneumonia (acute) (double) (migratory) (purulent) (septic) (unresolved) J18.9  
with  
lung abscess J85.1  
due to specified organism — see Pneumonia, in (due to)  
influenza — see Influenza, with, pneumonia  
adenoviral J12.0  
adynamic J18.2

# ICD-10-CM Official Guidelines for Coding and Reporting

## Referencing the Guidelines

- Guidelines found at beginning of the ICD-10-CM codebook

ICD-10-CM Official Guidelines for Coding and Reporting .....	1
Section I. Conventions, general coding guidelines and chapter specific guidelines.....	8
A. Conventions for the ICD-10-CM .....	8
1. The Alphabetic Index and Tabular List .....	8
2. Format and Structure: .....	8
3. Use of codes for reporting purposes .....	8
4. Placeholder character .....	8
5. 7 <sup>th</sup> Characters .....	9
6. Abbreviations .....	9
a. Alphabetic Index abbreviations .....	9
b. Tabular List abbreviations .....	9
7. Punctuation .....	9
8. Use of "and" .....	10
9. Other and Unspecified codes .....	10



## ICD-10-CM Official Guidelines for Coding and Reporting

### Referencing the Guidelines

- A documented reference appears as Section I.C.4.a.2.
- This indicates the guideline is found in:
  - Section I. Conventions, General Coding Guidelines and Chapter Specific Guidelines
  - Section I.C. Chapter-Specific Coding Guidelines
  - Section I.C.4. Chapter 4: Endocrine, Nutritional, and Metabolic Diseases (E00-E89)
  - Section I.C.4.a. Diabetes mellitus
  - Section I.C.4.a.2. Type of diabetes not documented

## ICD-10-CM Official Guidelines for Coding and Reporting

### Guideline Reference: I.C.4.a.2.

#### Section I. Conventions, General Coding Guidelines and Chapter Specific Guidelines

#### C. Chapter Specific Coding Guidelines

#### 4. Chapter 4: Endocrine, Nutritional, and Metabolic Diseases (E00-E89)

#### a. Diabetes mellitus

The diabetes mellitus codes are combination codes that include the type of diabetes mellitus, the body system affected, and the complications affecting that body system. As many codes within a particular category as are necessary to describe all of the complications of the disease may be used. They should be sequenced based on the reason for a particular encounter. Assign as many codes from categories E08-E13 as needed to identify all of the associated conditions that the patient has.

#### 1) Type of diabetes

The age of a patient is not the sole determining factor, though most type 1 diabetics develop the condition before reaching puberty. For this reason type 1 diabetes mellitus is also referred to as juvenile diabetes.

#### 2) Type of diabetes mellitus not documented

If the type of diabetes mellitus is not documented in the medical record the default is E11.-, Type 2 diabetes mellitus.

#### 3) Diabetes mellitus and the use of insulin

## I What does the reference I.C.7.a.2. refer you to in the ICD-10-CM Guidelines?

Etiology/manifestation convention

HIV: Whether the patient is newly diagnosed

Diabetes: Overdose of insulin due to insulin pump failure

Glaucoma: Bilateral glaucoma with same type and stage

## I Locating the ICD-10-CM Code

### **Code Structure**

- Chapter – based on body system or condition.
  - Example: Chapter 4: Endocrine, Nutritional, and Metabolic Diseases (E00-E89)
- Section - A group of three-character categories
  - Example: Diabetes mellitus (E08-E13)
- Categories - Three-character code numbers
  - Example: E11 Type 2 diabetes mellitus

## Locating the ICD-10-CM Code

### Code Structure

- Subcategories can be 4, 5, or 6 characters
  - 4<sup>th</sup> character further defines the site, etiology, and manifestation or state of the disease or condition.
    - Example: E11.6 Type 2 diabetes mellitus with diabetic arthropathy
  - 5<sup>th</sup> or 6<sup>th</sup> character represent the most accurate level of specificity.
    - Example: E11.610 Type 2 diabetes mellitus with diabetic neuropathic arthropathy

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## Locating the ICD-10-CM Code

### Code Structure

- Seventh character extenders
  - Example:  
T16 Foreign body in ear  
The appropriate 7<sup>th</sup> character is to be added to each code from category T16
    - A = initial encounter
    - D = subsequent encounter
    - S = sequela

T16.1XXA Foreign body in right ear, initial encounter

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## Locating the ICD-10-CM Code

### Step-by-step instructions

1. Find the documented diagnosis
2. Determine the main term
3. Look up the main term in the Index to Diseases and Injuries (Alphabetic Index)
4. Find the code in the Tabular List
5. Review all conventions and notes associated with the code

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## Locating the ICD-10-CM Code

### Main Term

- What is the disease?
- What is the illness?
- What is the symptom?

Acute Bronchitis  
Main Term: Bronchitis

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## Locating the ICD-10-CM Code

### Main Term

- Ruptured ovarian cyst
- Abdominal pain
- Chronic sinusitis
- Febrile convulsions

## Locating the ICD-10-CM Code

**Look up the main term in the Index to Diseases and Injuries (Alphabetic Index)**

→ Bronchitis (diffuse) (fibrinous) (hypostatic) (infective) (membranous) J40  
with  
influenza, flu or grippe — see Influenza, with, respiratory manifestations NEC  
obstruction (airway) (lung) J44.9  
tracheitis (15 years of age and above) J40  
acute or subacute J20.9  
chronic J42  
under 15 years of age J20.9  
acute or subacute (with bronchospasm or obstruction) J20.9  
with  
bronchiectasis J47.0  
chronic obstructive pulmonary disease J44.0

## Locating the ICD-10-CM Code

### Look for the subterm “acute”



Bronchitis (diffuse) (fibrinous) (hypostatic) (infective) (membranous) J40  
with  
influenza, flu or grippe — see Influenza, with, respiratory manifestations NEC  
obstruction (airway) (lung) J44.9  
tracheitis (15 years of age and above) J40  
acute or subacute J20.9  
chronic J42  
under 15 years of age J20.9  
acute or subacute (with bronchospasm or obstruction) J20.9  
with  
bronchiectasis J47.0  
chronic obstructive pulmonary disease J44.0

## Locating the ICD-10-CM Code

### Find the code in the Tabular List



#### Other acute lower respiratory infections (J20-J22)

**EXCLUDES:** chronic obstructive pulmonary disease with acute lower respiratory infection (J44.0)

#### J20 Acute bronchitis

**INCLUDES:** acute and subacute bronchitis (with) bronchospasm  
acute and subacute bronchitis (with) tracheitis  
acute and subacute bronchitis (with) tracheobronchitis, acute  
acute and subacute fibrinous bronchitis  
acute and subacute membranous bronchitis  
acute and subacute purulent bronchitis  
acute and subacute septic bronchitis

**EXCLUDES:** bronchitis NOS (J40)

tracheobronchitis NOS (J40)

**EXCLUDES:** acute bronchitis with bronchiectasis (J47.0)

acute bronchitis with chronic obstructive asthma (J44.0)

acute bronchitis with chronic obstructive pulmonary disease (J44.0)

allergic bronchitis NOS (J45.909-)

bronchitis due to chemicals, fumes and vapors (J68.0)

chronic bronchitis NOS (J42)

chronic mucopurulent bronchitis (J41.1)

chronic obstructive bronchitis (J44.-)

chronic obstructive tracheobronchitis (J44.-)

chronic simple bronchitis (J41.0)

chronic tracheobronchitis (J42)

**J20.0 Acute bronchitis due to Mycoplasma pneumoniae**

## Locating the ICD-10-CM Code

Read all notes associated with the code

J20.9 Acute bronchitis, unspecified  
AHA: Q3 2016

### Other acute lower respiratory infections (J20-J22)

**EXCLUDES:** chronic obstructive pulmonary disease with acute lower respiratory infection (J44.0)

#### J20 Acute bronchitis

**INCLUDES:** acute and subacute bronchitis (with) bronchospasm  
acute and subacute bronchitis (with) tracheitis  
acute and subacute bronchitis (with) tracheobronchitis, acute  
acute and subacute fibrinous bronchitis  
acute and subacute membranous bronchitis  
acute and subacute purulent bronchitis  
acute and subacute septic bronchitis

**EXCLUDES:** bronchitis NOS (J40)

tracheobronchitis NOS (J40)

**EXCLUDES:** acute bronchitis with bronchiectasis (J47.0)

acute bronchitis with chronic obstructive asthma (J44.0)

acute bronchitis with chronic obstructive pulmonary disease (J44.0)

allergic bronchitis NOS (J45.909-)

bronchitis due to chemicals, fumes and vapors (J68.0)

chronic bronchitis NOS (J42)

chronic mucopurulent bronchitis (J41.1)

chronic obstructive bronchitis (J44.-)

chronic obstructive tracheobronchitis (J44.-)

chronic simple bronchitis (J41.0)

chronic tracheobronchitis (J42)

**J20.0** Acute bronchitis due to *Mycoplasma pneumoniae*

## Practical Application

Locate the ICD-10-CM code for the following diagnoses:

- Diaper rash
- Closed right forearm fracture (traumatic), initial encounter
- Nausea with vomiting
- Postsurgical hypothyroidism
- Diabetes mellitus, type 2

## Practical Application

**Locate the ICD-10-CM code for the following diagnoses:**

- Diaper rash
- Closed right forearm fracture (traumatic), initial encounter
- Nausea with vomiting
- Postsurgical hypothyroidism
- Diabetes mellitus, type 2

What is the ICD-10-CM code for abdominal pain in the right lower quadrant?

R10.9

R10.31

R10.31-RT

R10



What is the ICD-10-CM code for a urinary tract infection?

N39.0

N39.0, B95.1

N39.0, B96.89

N39.8

## ICD-10-CM Coding Basics

### Conclusion

- ICD-10-CM Layout
- ICD-10-CM Official Guidelines for Coding and Reporting
- Locating an ICD-10-CM Code
- Practical Application