

# Introduction to ICD-10-CM

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# ICD-10 Final Rule CMS-0013-F

- ***Published January 16, 2009***
- ***October 1, 2015 - Compliance date for implementation of ICD-10-Clinical Modification (CM) and ICD-10-Procedure Coding System (PCS)***

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# ICD-10 Implementation

- *Single implementation date for all users.*
  - Date of service for ambulatory and physician reporting.
  - Date of discharge for inpatient settings.
- *ICD-9-CM codes will not be accepted for services provided on or after October 1, 2015.*
- ***NO grace period***
- *ICD-9-CM claims for services prior to implementation date will continue to process through systems for an undetermined period of time.*

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# Benefits of Transitioning to ICD-10-CM

- *Provides greater specificity and expansion of the coding system.*
- *Provides code titles and language that complement accepted clinical practice.*
- *Includes emerging diseases and most recent medical knowledge & new concepts.*
- *Provides more detailed information to providers, payers and policy makers.*

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# Benefits of Transitioning to ICD-10-CM

- *Improves the delivery and quality of healthcare services.*
- *Monitoring resource utilization.*
- *Preventing and detecting healthcare fraud, waste and abuse.*
- *Tracking public health and risks.*

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- ***2013 code set includes 69,000+ codes.***
- ***Alphabetic Index***
  - ***Alphabetic Index of Diseases and Injuries***
  - ***Alphabetic Index of External Causes***
  - ***Table of Neoplasm***
  - ***Table of Drugs and Chemicals***
- ***Tabular List***

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# ICD-10-CM Code Format & Structure

- **Alpha-numeric except for the letter “U”**
  - *Reserved by the World Health Organization (WHO) for the provisional assignment of new diseases of uncertain etiology (U00-U49) and for bacterial agents resistant to antibiotics (U80-U89).*
- **Minimum: 3**
- **Maximum: 7**
- **Decimal Point: Yes**

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## Comparing ICD-9-CM and ICD-10-CM

### ICD-9-CM

- Consists of 3-5 digits
- First digit is *numeric or alpha (E or V)*
- Second, third, fourth, & fifth digits are numeric.
- Always at least three (3) digits.
- Use of decimal after 3 digits.

### ICD-10-CM

- Consists of 3-7 characters
- First character is *alpha ( all letters used except "U")*
- Character 2 always numeric
- Characters 3 thru 7 can be alpha or numeric
- Decimal placed after the first three characters.
- Use of dummy placeholder "X" allow for future expansion.*
- Alpha characters are not case-sensitive.



## Comparing ICD-9-CM and ICD-10-CM

### ICD-9-CM

- Consists of 17 Chapters
- Disease and conditions of the sense organs (**eyes and ears**) included in the nervous system disease.
- Classifies injuries by type rather than by anatomical site.

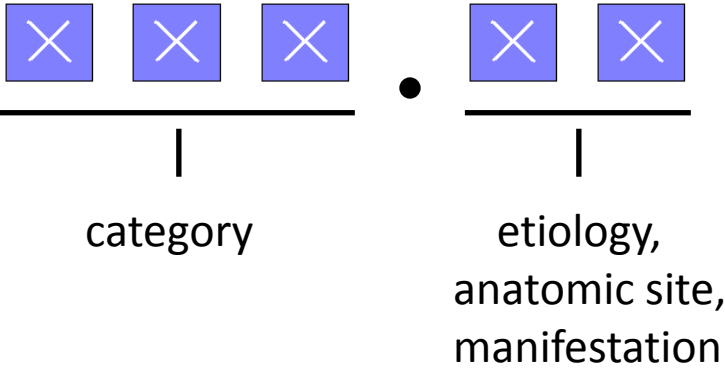
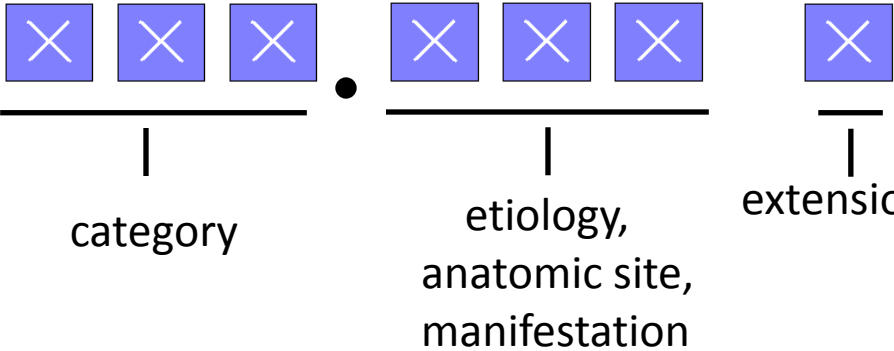
### ICD-10-CM

- Consists of 21 Chapters
  - Disease and conditions of the sense organs (**eyes and ears**) **have their own chapters.**
  - Injuries are grouped by anatomical site (e.g., head, arm, leg) and then by type of injury (e.g., fracture, open wound)
  - Postoperative complications* have been moved to procedure-specific body system.
- Codes reflect current medical knowledge & modern medicine. Certain diseases have been reassigned to a more appropriate chapter (e.g.,gout reclassified from the endocrine chapter to the musculoskeletal chapter )

# Code Structure of ICD-10-CM versus ICD-9-CM

## ICD-9

## ICD-10

ICD-9-CM Code Format	ICD-10-CM Code Format
 <p>category</p> <p>etiology, anatomic site, manifestation</p>	 <p>category</p> <p>etiology, anatomic site, manifestation</p> <p>extension</p>

- **Consists of 3-5 digits**
  - » 311 (*Depression, NOS*)
  - » 296.20 (*Major Depression, NOS*)
  - » V45.11 (*Dialysis Status*)
- **Codes longer than 3 digits always have a decimal point after the first 3 digits.**
- **1<sup>st</sup> digit:** Alpha or numeric (*E or V only*)
- **2<sup>nd</sup> thru 5<sup>th</sup> digits :** Numeric

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# ICD-10-CM Structure-Format

- **Consists of 3-7 Characters**

- P90 (Convulsions in newborn)
- S32.010A (Wedge compression fracture of first Lumbar vertebra, ***initial encounter for closed fracture***)
- O9A.211 (Injury, poisoning and certain other consequences of external causes complicating pregnancy, ***First Trimester***)

- **1<sup>st</sup> Character** : Alpha

- **2<sup>nd</sup> thru 7<sup>th</sup> Characters**: Alpha or numeric

- **7<sup>th</sup> Character** used in certain chapters (***Obstetrics, Musculoskeletal, Injuries, and External Causes of Injury***)

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- **Alphabetic Index**

- *is an alphabetical list of terms and their corresponding codes.*
- *lists main terms in alphabetical order with indented sub-terms under main terms.*
- *Consist of the following parts:*
  - 1. The Index of External Causes of Injury**
  - 2. The Index of Diseases and Injury**
  - 3. The Table of Neoplasms**
  - 4. The Table of drugs and Chemicals**

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- **Tabular List**

- *Is a chronological list of codes divided into chapters based on body system or condition.*
- *Is presented in code number order.*
- *Same hierarchical structure*
- *Codes are invalid if they are missing an applicable character.*

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# ICD-10-CM: Similarities to ICD-9-CM

- **Codes are looked up the same way.**
  - **Look up** diagnostic terms in Alphabetic Index
  - **Then verify code** number in Tabular List.
  - Code titles are more complete (no need to refer back to a category, subcategory, or sub-classification level to determine complete meaning of the code)
- Many conventions have the same meaning.
  - Abbreviations, punctuation, symbols, notes such as **“code first”** and **“use additional code”**
  - Nonspecific codes (**“unspecified”** or **“not otherwise specified”**) are available to use when detailed documentation to support a more specific code is not available.

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# ICD-10-CM: Similarities to ICD-9-CM

- ***ICD-10-CM Official Guidelines for Coding and Reporting*** accompany and complement ICD-10-CM conventions and instructions.
- **Adherence to the official coding guidelines in all healthcare settings** is required under the Health Insurance Portability and Accountability Act (HIPAA).

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- **Combination Codes** -Examples

- Features in ICD-10-CM allow for a greater level of specificity and clinical detail.
  - ***Combination codes for conditions and common symptoms or manifestations..***

ICD-10-CM Code	Description
I25.111	Atherosclerotic heart disease of native coronary artery with <i>angina pectoris</i> with <i>documented spasm</i> .
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema.
K71.51	Toxic liver disease with chronic active hepatitis with ascites.
K50.012	Crohn's disease of small intestine with intestinal obstruction.

# New Features in ICD-10-CM

## CASE Examples:

- A 38 yr old presents in your office with a generalized rash after being given by you a prescription of Valium 5mg PO for anxiety.

Not having any other symptoms, it is determined that Valium should be put on his allergy list

***Combination codes for poisonings and external causes***

## • **Combination Codes** -Examples

ICD-10-CM Code	Description
T36.0X1D	Poisoning by Penicillin, accidental (unintentional), subsequent encounter
<b>T42.4X5A</b>	Adverse effect of benzodiazepines, initial encounter

# New Features in ICD-10-CM

## CASE Examples:

- Johnny age 15 presents with left ear pain getting worse after swim meet at school.
- 83 year old Margaret comes in with pain in her right shoulder ever since she brushed up against the thorny ivy in her yard last month leaving a thorn piece in her shoulder that was removed at that time. She has some crepitus in her shoulder now as a result of this.

### ▪ Added laterality

- Added Laterality - Examples

ICD-10-CM Code	Description
H60.332	Swimmer's ear, left ear
M94.211	Chondromalacia, right shoulder
S40.259A	Superficial foreign body of unspecified shoulder, initial encounter

# New Features in ICD-10-CM

- After having her DEXA scan, Ms. Poppins was having increased pain in her right thigh, so her PCP ordered an xray as well. The xray results stated she has a pathological Fx of the right femur. Her PCP is sending her to Orthopedics for initial treatment.
- John fell from the ladder while fixing his outside porch light hitting his head and loosing consciousness for 20 minutes when his neighbor called 911.
- While skateboarding Johnny was thrown onto the pavement fracturing his left wrist, the bone was visible to him as he attempted to get up. He went to the ED for treatment.
  - **Added seventh-characters for episode of care**

- ***Added seventh-characters for episode of care - Examples***

ICD-10-CM Code	Description
M80.051A	Age-related osteoporosis with current pathological fracture, right femur, initial encounter for fracture
S06.0X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter
S52.132B	Displaced fracture of neck of left radius, initial encounter for open fracture Type I or II or initial encounter for open fracture NOS

# New Features in ICD-10-CM

## CASE Examples:

- Mrs. Jones returns for f/u visit to PCP after seeing her Ophthalmologist. Doctor report states pt has severe non proliferative retinopathy with macular edema. Medical history is that pt has DMII also.
- At the ED a homeless man is brought in by EMS appears to have intoxication delirium and is combative. A drug screen determines the pt has a cocaine dependency issue.
- The op report states that surgeon nicked the small bowel moving it to get to the adhesions behind it. Repair was done on the small bowel for a puncture and small laceration.
  - ***Expanded codes (injuries, diabetes, alcohol and substance abuse, postoperative complications)***

## • ***Expanded codes - Examples***

ICD-10-CM Code	Description
E11.341	Type 2 diabetes mellitus with severe non-proliferative diabetic retinopathy with macular edema
F14.221	Cocaine dependence with intoxication delirium
K91.71	Accidental puncture and laceration of a digestive system organ or structure during a digestive system procedure

# New Features in ICD-10-CM

- Daisy comes in for her 14<sup>th</sup> week OB check c/o headaches. She has hypertension and is on medication, yet it appears to be complicating her pregnancy.
- At 30 weeks gestation, Mary complains of being extremely tired. Her CBC labs returned showing she is moderately anemic.
  - ***Inclusion of trimesters in obstetrics codes (and elimination of fifth digits for episode of care)***

- Inclusion of trimesters in Obstetrics codes -  
***Examples***

ICD-10-CM Code	Description
O10.012	Pre-existing essential hypertension complicating pregnancy, second trimester
O99.013	Anemia complicating pregnancy, third trimester

# New Features in ICD-10-CM

- Dr. Johnson is seeing a pt that was in the hospital 3 weeks ago for an MI. Pt is doing quiet well on his exercise regimen.
- Sally has decided since her unborn baby will be severely deformed by the AFP test that she will abort rather than carry it taking a risk of fetal demise. She is 16 weeks gestation today.

- ***Changes in times frames specified in certain codes***

- Changes in time frames - ***Examples***

Acute Myocardial Infarction	Time Period changed from 8 weeks to 4 weeks.
Time frame for abortion versus fetal death	Changed from 22 weeks to 20 weeks

# New Features in ICD-10-CM

- Features in ICD-10-CM allow for a greater level of specificity and clinical detail.

- ***Added standard definitions for two types of “excludes” notes***

- Standard definitions for “excludes” notes -  
***Examples***

<p><b><i>“Excludes 1”</i></b> note Indicates ‘NOT CODED HERE’. The code being excluded is never used with the code. The two conditions cannot occur together</p>	<p>Example:  B06, Rubella (German measles) has an Excludes 1 of congenital rubella (P35.0)</p>
<p><b><i>“Excludes 2”</i></b> note Indicates “not included here”. The excluded condition is not part of the condition represented by the code. It is acceptable to use both codes together if the patient has both conditions.</p>	<p>Example:  J04.0 Acute Laryngitis has an Excludes 2 of chronic laryngitis (J37.0)</p>



# ICD-10-CM QUESTIONS

1. *True or False?*

*V and E codes are supplemental classifications in ICD-10-CM?*

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2. *True or False?*

*In ICD-10-CM, injuries are grouped by anatomical site rather than injury category?*

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3. *How are obstetric cases classified in ICD-10-CM?*

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4. *What is the maximum number of characters in ICD-10-CM?*

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5. *How many chapters does ICD-10-CM contain?*

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## ICD-10-CM INTRODUCTION QUESTIONS – ANSWER KEY

1. *True or False? V and E codes are supplemental classifications in ICD-10-CM?*

- **Answer:** False

- **Rationale:** There are no supplemental classifications in ICD-10-CM. The V and E Codes found in ICD-9-CM have separate chapters in ICD-10-CM Chapter 21 and 20, respectively.

2. *True or False? In ICD-10-CM, injuries are grouped by anatomical site rather than injury category?*

- **Answer:** True

- **Rationale:** This is opposite to what is currently found in ICD-9-CM.

3. *How are obstetric cases classified in ICD-10-CM?*

- **Answer:** By Trimester

- **Rationale:** “*Episode of care*” is no longer classified in ICD-10-CM.

4. *What is the maximum number of characters in ICD-10-CM?*

- **Answer:** Seven (7)

- **Rationale:** While seven (7) is the maximum number of characters, ICD-10-CM codes range in length from three (3) to seven (7) characters.

5. *How many chapters does ICD-10-CM contain?*

- **Answer:** 21 Chapters

- **Rationale:** ICD-10-CM contains 21 chapters as opposed to the 17 chapters in ICD-9-CM

# ICD-10-CM

## References:

1. <http://www.cms.hhs.gov/ICD10>
2. <http://ahima.org/ICD10>
3. ICD-10-CM official guidelines for coding and reporting. 2014 version

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