



UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation



ICD-10-CM CODING WORKSHOP (CHAPTERS 1-4)


Presented By: Kaley Calise, RHIA, CPC,
AHIMA Approved ICD-10-CM/PCS Trainer




UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

BASIC CODING TIPS



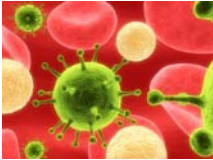

- Start looking up the codes from the top down
- Looking up codes from the middle of the page will lead you the **WRONG** way!
- Use colored tabs to mark the alphabet and the sections
- ALWAYS confirm your code in the Tabular



UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

CHAPTER 1



CERTAIN INFECTIOUS AND PARASITIC DISEASES

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

Chapter 1
Infectious Diseases

- Chapter 1: Certain infectious and parasitic diseases (A00-B99)
- Includes Note: Diseases generally recognized as communicable or transmissible
- Use additional code for any associated drug resistance to antimicrobial drugs (Z16-)
- New section called infections with a predominantly sexual mode of transmission (A50-A64)

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

Chapter 1
Infectious Diseases

Excludes1: certain localized infections

Excludes2

- ▶ Carrier or suspected carrier of infectious disease
- ▶ Infections complicating pregnancy
- ▶ Infections in the perinatal period
- ▶ Influenza and other acute respiratory infections

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

Chapter 1
Infectious Diseases

- Categories B90-B94 are to be used to indicate conditions in categories A00-B89 as the cause of sequela, which are themselves classified elsewhere.
- Example: B90.0 Sequela of central nervous system tuberculosis
- Code first condition resulting from (sequela) the infectious or parasitic disease

AHIMA
UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

Chapter 1
 Infectious Diseases

- When coding AIDS, it is important to review the Coding Guidelines and the notes at the category level of ICD-10-CM
- B95-B97: used as supplementary or additional codes to identify the infectious agent(s) in diseases classified elsewhere
 - Infection, bacterial, as cause of disease classified elsewhere
 - Organism, as cause of disease classified elsewhere

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

GUIDELINES: HIV

- Code only confirmed cases; provider's statement is considered confirmation
- Pregnant patient: Code first O98.7-
- Encounter for HIV-related condition
 - B20, HIV
 - Condition that is the reason for the encounter
 - Any other HIV-related condition(s)
- Encounter for unrelated condition
 - Code first condition being treated
 - B20, HIV
 - Any other HIV-related condition(s)

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

SCENARIO 1.1

This 78-year-old gentleman is seen for continued follow-up for Clostridium difficile colitis. Cultures of the organism have found this infection to be resistant to Flagyl. A new drug regimen will be started at this time. What is the correct diagnosis code assignment?

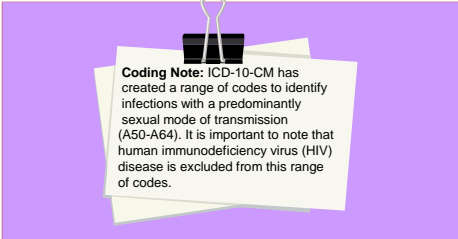
A04.7 Colitis (acute) (catarrhal) (chronic) (noninfective) (hemorrhagic), Clostridium difficile

Z16.39 Resistance, resistant (to), organism(s), to, drug, antimicrobial (single), specified NEC

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

ICD-10-CM



Coding Note: ICD-10-CM has created a range of codes to identify infections with a predominantly sexual mode of transmission (A50-A64). It is important to note that human immunodeficiency virus (HIV) disease is excluded from this range of codes.

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 1.2

This young woman is seen for pelvic pain due to inflammatory disease. The source of the PID is a result of sexually transmitted chlamydia. What diagnosis codes are assigned?

A56.11 Disease, diseased, sexually transmitted, chlamydia infection – see Chlamydia, female, pelvic inflammatory disease

10/30/2015 ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 1.3

This 42-year-old HIV positive male has a fever and shortness of breath. The diagnostic workup, including chest x-ray and sputum culture, resulted in a diagnosis of Pneumocystis pneumonia. This was documented as Pneumocystis pneumonia due to AIDS. What diagnosis codes are assigned?

B20 AIDS (related complex)

B59 Pneumonia, Pneumocystis (carinii) (jiroveci)

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

SCENARIO 1.4

This 80-year-old female patient was seen with fever, malaise, and left flank pain. A urinalysis was performed and showed bacteria more than 100,000/ml. This was followed by a culture showing E. coli growth as the cause of the Pyelonephritis. What diagnosis codes are assigned?

N10 Nephritis, nephritic (albuminuric) (azotemic) (congenital) (disseminated) (epithelial) (familial) (focal) (granulomatous) (hemorrhagic) (infantile) (nonsuppurative, excretory) (uremic), tubulo-interstitial (in), acute (infectious)


B96.20 Infection, infected, infective (opportunistic), bacterial NOS, as cause of disease classified elsewhere, Escherichia coli [E. coli] (see also Escherichia coli)

UCF REGIONAL EXTENSION CENTER
UNIVERSITY OF CENTRAL FLORIDA
ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

CHAPTER 2

NEOPLASMS



UCF REGIONAL EXTENSION CENTER
UNIVERSITY OF CENTRAL FLORIDA
ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

MORPHOLOGY [HISTOLOGY]

- Neoplasm Table
- Classifies neoplasm primarily by site (topography), with board groupings for behavior
 - Malignant
 - Malignant Secondary
 - Ca in situ
 - Benign
 - Uncertain
 - Unspecified Behavior

UCF REGIONAL EXTENSION CENTER
UNIVERSITY OF CENTRAL FLORIDA
ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

USING THE NEOPLASM TABLE

	Malignant Primary	Malignant Secondary	Ca in situ	Benign	Uncertain Behavior	Unspecified Behavior
-thorax, thoracic(cavity) (organs NEC)	C76.1	C79.89	D09.8	D36.7	D48.7	D49.89
-duct	C49.3	C79.89	-	D21.3	D48.1	D49.2
-wall NEC	C76.1	C79.89	D09.8	D36.7	D48.7	D49.89
throat	C14.0	C79.89	D00.08	D10.9	D37.05	D49.0
thumb NEC	C76.4-	C79.89	D04.6-	D36.7	D48.7	D49.89
-thymus(gland)	C37	C79.89	D09.3	D15.0	D38.4	D49.89
-thyroglossal duct	C73	C79.89	D09.3	D34	D44.0	D49.7
-thyroid(gland)	C73	C79.89	D09.3	D34	D44.0	D49.7
-cartilage	C32.3	C78.39	D02.0	D14.1	D38.0	D49.1
-tibia(any part)	C40.2-	C79.51	-	D18.2-	-	-
-tibia NEC	C76.5-	C79.89	D04.7-	D36.7	D48.7	D49.89

ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

DEFINITIONS

Uncertain: the provider *cannot determine* if the neoplasm is malignant or benign

Unspecified: the provider *does not state* if the neoplasm is malignant or benign.

ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

Chapter 2 Neoplasms

I.C.2 General Neoplasm Guidelines

- The Neoplasm Table in the Alphabetic Index should be referenced first. However, if the histological term is documented, that term should be referenced first, rather than going immediately to the Neoplasm Table, in order to determine which column in the Neoplasm Table is appropriate.
- For example, small cell carcinoma of the right lower lobe, would be indexed under the histological term "carcinoma." This refers you to the Neoplasm Table, by site, malignant.

AHIMA

ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

Chapter 2
Neoplasms

- ICD-10-CM includes information on a right-sided or left-sided body part.
- There is a change in terminology for neoplasm codes that could be identified with regard to admission status. The terminology in ICD-9-CM is "without mention of remission." In ICD-10-CM, "not having achieved remission" is used.
- There are ICD-10-CM guidelines related to the sequencing of neoplasm codes.

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

Chapter 2
Neoplasms

- Most neoplasm codes for contiguous (next to each other) sites end with .8 (overlapping lesion.) Always check for other combination codes
- For multiple neoplasms of the same site that are not contiguous, such as tumors in different quadrants of the same breast, c codes for each site should be assigned.
- Review "code also" notes

AHIMA
UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

SEQUENCING

Specific guidelines related to sequencing of:

- Encounter for therapy
- Treatment directed at secondary site
- Anemia due to therapy
- Anemia due to malignancy
- Management of neoplasm related pain
- Complications due to therapy
- Pathological fracture due to neoplasm

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

ANEMIA IN NEOPLASMS

```

    graph TD
      Q1{Due to neoplasm?} -- Yes --> A1[Neoplasm, anemia]
      Q1 -- No --> Q2{Due to treatment?}
      Q2 -- "Chemo or immunotherapy" --> A2["Anemia, neoplasm, T45.1x5- Adverse effect"]
      Q2 -- Radiation --> A3["Anemia, neoplasm, Y84.2- Abnormal reaction due to radiation"]
  
```

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

NEOPLASM RELATED CODES

- Z12.3 Encounter for screening for malignant neoplasm of breast
- Z12.4 Encounter for screening pap smear
- Z12.5 Encounter for screening for malignant neoplasm of prostate
- Z80- Family history of primary malignant neoplasm
- Z85- Personal history of malignant neoplasm

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

SCENARIO 2.1

The diagnosis for this 61-year-old female patient is small cell carcinoma of the right lower lobe of the lung with metastasis to the intrathoracic lymph nodes, brain, and right rib. What diagnosis codes are assigned?

- C34.31 Neoplasm Table, (lung), malignant, primary site, lower lobe
- C77.1 Neoplasm Table, lymph gland, malignant, intrathoracic, secondary site
- C79.31 Neoplasm Table, brain, malignant, secondary site
- C79.51 Neoplasm Table, bone, malignant, rib, secondary site

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 2.2

Assign the code(s) for the following diagnosis: Subacute monocytic leukemia in remission

C93.91 Leukemia, leukemic, monocytic (subacute), in remission

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 2.3

This 25-year-old female is treated for melanoma of the left breast and left arm. What diagnosis codes are assigned?

C43.52 Melanoma (malignant), skin, breast (female) (male)

C43.62 Melanoma (malignant), skin, arm. Review the Tabular for complete code assignment

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 2.4

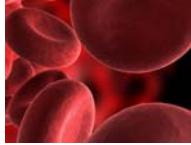
Assign the code(s) for the following diagnosis: Benign carcinoid of the cecum.

D3A.021 Carcinoid, see Tumor, carcinoid, benign, cecum

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

CHAPTER 3



DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS AND CERTAIN DISORDERS INVOLVING THE IMMUNE MECHANISM

AHIMA 23

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

BLOOD AND BLOOD FORMING ORGANS

Chapter 3

Blood and Blood Forming Organs

- Contains codes for anemias, bone marrow failure syndromes, coagulation defects, purpura and other types of disorders of the blood and blood forming organs, such as the spleen.
- ICD-10-CM has moved certain disorders of the immune system that were once included in Chapter 4 (Endocrine, Nutritional and Metabolic Disorders) in ICD-9-CM to Chapter 3 in ICD-10-CM.

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 3.1


This elderly woman is receiving care for severe anemia due to her left breast carcinoma. Assign the correct diagnosis code(s).

C50.912 Neoplasm, breast (connective tissue) (glandular tissue) (soft parts)

D63.0 Anemia (essential) (general) (hemoglobin deficiency) (infantile) (primary) (profound), in (due to) (with), neoplastic disease

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 3.2 


This patient is seen for continued follow-up regarding his periodic neutropenia. Assign the correct diagnosis code(s).

D70.4 Neutropenia, neutropenic (chronic) (genetic) (idiopathic) (immune) (infantile) (malignant) (pernicious) (splenic), periodic

10/2015 11

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 3.3 


This 48-year-old female is seen for sickle-cell crisis with acute chest syndrome. Assign the correct diagnosis code(s).

D57.01 Anemia, sickle-cell – see Disease, sickle-cell, with crisis (vasoocclusive pain), with, acute chest syndrome

10/2015 11

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 3.4 

Assign the code for the following diagnosis: Patient is being seen today for anemia related to inadequate iron in her diet.

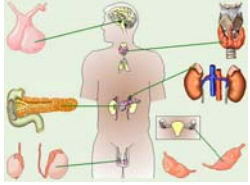
D50.8 Iron deficiency due to inadequate dietary iron intake

10/2015 11

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

CHAPTER 4



ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES

AHIMA

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

DIABETES MELLITUS

ICD-9 CM	ICD-10 CM
Categories 249-250 4 th and 5 th digit identify manifestation, complication, or type	Categories E08-E13 Type of diabetes is separated by categories in ICD-10 (E10 Type 1, E11 Type 2)
Additional code for manifestation	Combination codes used to identify manifestation and complication
Additional code for insulin dependency V58.67	Z79.4 used for long term insulin use
	Drug induced is classified to E09 if it is an adverse effect; if caused by drug poisoning, the drug is coded first with E09 as secondary diagnosis
	Inadequately controlled, poorly controlled, out of control are assigned to diabetes by type with hyperglycemia

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
 A Division of the College of Medicine
 At the Forefront of Healthcare Transformation

Chapter 4

Endocrine, Nutritional and Metabolic Diseases

- Combination codes for diabetes
 - Type of diabetes
 - Body system affected
 - Specific complications affecting that body system
- No longer classified as controlled or uncontrolled
 - Inadequately controlled, out of control or poorly controlled: Coded by type **with hyperglycemia**

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

CATEGORIES OF DIABETES MELLITUS

- E08 – Diabetes mellitus due to underlying condition
- E09 – Drug or chemical induced diabetes mellitus
- E10 – Type 1 diabetes mellitus
- E11 – Type 2 diabetes mellitus
- E13 – Other specified diabetes mellitus

* Note: "Use additional code to identify any insulin use (Z79.4)"

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

SCENARIO 4.1

This 62-year-old male is being seen for mild nonproliferative diabetic retinopathy with macular edema. He has type 2 DM and takes insulin on a daily basis. He also has diabetic cataract in his right eye. What diagnosis codes are assigned?

E11.321 Diabetes, diabetic (mellitus) (sugar), type 2, with, retinopathy, nonproliferative, mild, with macular edema

E11.36 Diabetes, diabetic (mellitus) (sugar), type 2, with, cataract

Z79.4 Long-term (current) (prophylactic) drug therapy (use of), insulin

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
At the Forefront of Healthcare Transformation

SCENARIO 4.2

Assign the code(s) for the following diagnosis: Morbid obesity with a BMI of 42 in an adult.

E66.01 Obesity, morbid

Z68.41 Body, bodies, mass index (BMI), adult, 40.0-44.9

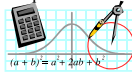
UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

ICD-10-CM

Formula
Weight (in kilograms)

Height (meters)
squared



10/30/2015

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 4.3

This type 1 diabetic patient comes in with Charcot's joints (diabetic arthropathy). Assign the appropriate diagnosis code(s).

E10.610 Diabetes, diabetic (mellitus) (sugar), type 1, with diabetic neuropathic arthropathy

AHIMA

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SCENARIO 4.4

This 34-year-old is being seen for ongoing management of steroid induced diabetes mellitus which was due to prolonged use of corticosteroids, which have been discontinued. The patient's diabetes is managed with insulin which he has been taking for the last two years.

E09.9 Diabetes, diabetic, (mellitus) (sugar) due to drug or chemical

T38.0X5S Refer to Table of Drugs and Chemicals, Corticosteroid, adverse effect

Z79.4 Long-term (current) (prophylactic) drug therapy (use of), insulin

AHIMA

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

SUMMARY >>

- There are many new changes in ICD-10-CM and learning the new guidelines will be imperative!
- Focus on Specific Guidelines that you will use frequently
- Training is Critical to Practice!

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org

UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

ICD-10-CM SUMMARY & TIPS >>

1. Productivity Impact to Coding Process
2. Translation Needs to Support ICD-10 Coding
3. Specificity and Physician Documentation
4. Education needs for Staff and Physicians
5. Process Changes in Functional Areas
6. System Readiness

UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org


UCF REGIONAL EXTENSION CENTER
A Division of the College of Medicine
» At the Forefront of Healthcare Transformation

NEXT STEPS >>

Thank you for your attendance!
This webinar qualifies you for 1 CEU.

To receive your CEU a validation quiz is required.

Please email lcd10info@ucf-rec.org with the subject line:
PCPW2



UNIVERSITY OF CENTRAL FLORIDA ucf-rec.org
