OPTUM360®

EXPERT

ICD-10-CM Expert for Physicians

The complete official code set

Codes valid from October 1, 2021
through September 30, 2022

SAMPLE

2022

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10 Steps to Correct Coding

Follow the 10 steps below to correctly code encounters for health care services.

Step 1: Identify the reason for the visit or encounter (i.e., a sign, symptom, diagnosis and/or condition).

The medical record documentation should accurately reflect the patient's condition, using terminology that includes specific diagnoses and symptoms or clearly states the reasons for the encounter.

Choosing the main term that best describes the reason chiefly responsible for the service provided is the most important step in coding. If symptoms are present and documented but a definitive diagnosis has not yet been determined, code the symptoms. *For outpatient cases, do not code conditions that are referred to as "rule out," "suspected," "probable," or "questionable."* Diagnoses often are not established at the time of the initial encounter/visit and may require two or more visits to be established. Code only what is documented in the available outpatient records and only to the highest degree of certainty known at the time of the patient's visit. For inpatient medical records, uncertain diagnoses may be reported if documented at the time of discharge.

Step 2: After selecting the reason for the encounter, consult the alphabetic index.

The most critical rule is to begin code selection in the alphabetic index. Never turn first to the tabular list. The index provides cross-references, essential and nonessential modifiers, and other instructional notations that may not be found in the tabular list.

Step 3: Locate the main term entry.

The alphabetic index lists conditions, which may be expressed as nouns or eponyms, with critical use of adjectives. Some conditions known by several names have multiple main entries. Reasons for encounters may be located under general terms such as admission, encounter, and examination. Other general terms such as history, status (post), or presence (of) can be used to locate other factors influencing health.

Step 4: Scan subterm entries.

Scan the subterm entries, as appropriate, being sure to review continued lines and additional subterms that may appear in the next column or on the next page. Shaded vertical guidelines in the index indicate the indentation level for each subterm in relation to the main terms.

Step 5: Pay close attention to index instructions.

- Parentheses ( ) enclose nonessential modifiers, terms that are supplementary words or explanatory information that may or may not appear in the diagnostic statement and do not affect code selection.
- Brackets [ ] enclose manifestation codes that can be used only as secondary codes to the underlying condition code immediately preceding it. If used, manifestation codes must be reported with the appropriate etiology codes.
- Default codes are listed next to the main term and represent the condition most commonly associated with the main term or the unspecified code for the main term.
- "*See*" cross-references, identified by italicized type and "code by" cross-references indicate that another term *must be referenced* to locate the correct code.
- "*See also*" cross-references, identified by italicized type, provide alternative terms that may be useful to look up but *are not mandatory*.
- "Omit code" cross-references identify instances when a code is not applicable depending on the condition being coded.
- "With" subterms are listed out of alphabetic order and identify a presumed causal relationship between the two conditions they link.
- "Due to" subterms identify a relationship between the two conditions they link.
- "NEC," abbreviation for "not elsewhere classified," follows some main terms or subterms and indicates that there is no specific code for the condition even though the medical documentation may be very specific.
- "NOS," abbreviation for "not otherwise specified," follows some main terms or subterms and is the equivalent of unspecified; NOS signifies that the information in the medical record is insufficient for assigning a more specific code.
- *Following* references help coders locate alphanumeric codes that are out of sequence in the tabular section.
- Check-additional-character symbols flag codes that require additional characters to make the code valid; the characters available to complete the code should be verified in the tabular section.

Step 6: Choose a potential code and locate it in the tabular list.

To prevent coding errors, always use both the alphabetic index (to identify a code) and the tabular list (to verify a code), as the index does not include the important instructional notes found in the tabular list. An added benefit of using the tabular list, which groups like things together, is that while looking at one code in the list, a coder might see a more specific one that would have been missed had the coder relied solely on the alphabetic index. Additionally, many of the codes require a fourth, fifth, sixth, or seventh character to be valid, and many of these characters can be found only in the tabular list.

Step 7: Read all instructional material in the tabular section.

The coder must follow any Includes, Excludes 1 and Excludes 2 notes, and other instructional notes, such as "Code first" and "Use additional code," listed in the tabular list for the chapter, category, subcategory, and subclassification levels of code selection that direct the coder to use a different or additional code. Any codes in the tabular range A00.0- through T88.9- may be used to identify the diagnostic reason for the encounter. The tabular list encompasses many codes describing disease and injury classifications (e.g., infectious and parasitic diseases, neoplasms, symptoms, nervous and circulatory system etc.).

Codes that describe symptoms and signs, as opposed to definitive diagnoses, should be reported when an established diagnosis has not been made (confirmed) by the physician. Chapter 18 of the ICD-10-CM code book, "Symptoms, Signs, and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified" (codes R00.-–R99), contains many, but not all, codes for symptoms.

ICD-10-CM classifies encounters with health care providers for circumstances other than a disease or injury in chapter 21, "Factors Influencing Health Status and Contact with Health Services" (codes Z00–Z99). Circumstances other than a disease or injury often are recorded as chiefly responsible for the encounter.

A code is invalid if it does not include the full number of characters (greatest level of specificity) required. Codes in ICD-10-CM can contain from three to seven alphanumeric characters. A three-character code is to be used only if the category is not further subdivided into four-, five-, six-, or seven-character codes. Placeholder character X is used as part of an alphanumeric code to allow for future expansion and as a placeholder for empty characters in a code that requires a seventh character but has no fourth, fifth, or sixth character. Note that certain categories require seventh characters that apply to all codes in that category. Always check the category level for applicable seventh characters for that category.

Step 8: Consult the official ICD-10-CM conventions and guidelines.

The *ICD-10-CM Official Guidelines for Coding and Reporting* govern the use of certain codes. These guidelines provide both general and chapter-specific coding guidance.

SAMPLE

Admission — *continued*
examination at health care facility — *see also* Examination — *continued*
vision — *continued*
infant or child (over 28 days old) Z00.129
with abnormal findings Z00.121
fitting (of)
artificial
arm — *see* Admission, adjustment, artificial, arm
eye Z44.2 ☑
leg — *see* Admission, adjustment, artificial, leg
brain neuropacemaker Z46.2
implanted Z45.42
breast prosthesis (external) Z44.3 ☑
colostomy belt Z46.89
contact lenses Z46.0
cystostomy device Z46.6
dental prosthesis Z46.3
dentures Z46.3
device NEC
abdominal Z46.89
nervous system Z46.2
implanted — *see* Admission, adjustment, device, implanted, nervous system
orthodontic Z46.4
prosthetic Z44.9
breast Z44.3 ☑
dental Z46.3
eye Z44.2 ☑
substitution
auditory Z46.2
implanted — *see* Admission, adjustment, device, implanted, hearing device
nervous system Z46.2
implanted — *see* Admission, adjustment, device, implanted, nervous system
visual Z46.2
implanted Z45.31
hearing aid Z46.1
ileostomy device Z46.89
intestinal appliance or device NEC Z46.89
neuropacemaker (brain) (peripheral nerve) (spinal cord) Z46.2
implanted Z45.42
orthodontic device Z46.4
orthopedic device (brace) (cast) (shoes) Z46.89
prosthesis Z44.9
arm — *see* Admission, adjustment, artificial, arm
breast Z44.3 ☑
dental Z46.3
eye Z44.2 ☑
leg — *see* Admission, adjustment, artificial, leg
specified type NEC Z44.8
spectacles Z46.0
follow-up examination Z09
intrauterine device management Z30.431
initial prescription Z30.014
mental health evaluation Z00.8
requested by authority Z04.6
observation — *see* Observation
Papanicolaou smear, cervix Z12.4
for suspected malignant neoplasm Z12.4
plastic and reconstructive surgery following medical procedure or healed injury NEC Z42.8
plastic surgery, cosmetic NEC Z41.1
postpartum observation
immediately after delivery Z39.0
routine follow-up Z39.2
poststerilization (for restoration) Z31.0
aftercare Z31.42
procreative management Z31.9
prophylactic (measure) — *see also* Encounter, prophylactic measures
organ removal Z40.00
breast Z40.01
fallopian tube(s) Z40.03
with ovary(s) Z40.02
ovary(s) Z40.02
specified organ NEC Z40.09
testes Z40.09
vaccination Z23
psychiatric examination (general) Z00.8
requested by authority Z04.6
radiation therapy (antineoplastic) Z51.0
reconstructive surgery following medical procedure or healed injury NEC Z42.8
removal of
cystostomy catheter Z43.5

Admission — *continued*
removal of — *continued*
drains Z48.03
dressing (nonsurgical) Z48.00
implantable subdermal contraceptive Z30.46
intrauterine contraceptive device Z30.432
neuropacemaker (brain) (peripheral nerve) (spinal cord) Z46.2
implanted Z45.42
staples Z48.02
surgical dressing Z48.01
sutures Z48.02
ureteral stent Z46.6
respirator [ventilator] use during power failure Z99.12
restoration of organ continuity (poststerilization) Z31.0
aftercare Z31.42
sensitivity test — *see also* Test, skin
allergy NEC Z01.82
Mantoux Z11.1
tuboplasty following previous sterilization Z31.0
aftercare Z31.42
vasoplasty following previous sterilization Z31.0
aftercare Z31.42
vision examination Z01.00
with abnormal findings Z01.01
following failed vision screening Z01.020
with abnormal findings Z01.021
infant or child (over 28 days old) Z00.129
with abnormal findings Z00.121
waiting period for admission to other facility Z75.1
Adnexitis (suppurative) — *see* Salpingo-oophoritis
Adolescent X-linked adrenoleukodystrophy E71.521
Adrenal (gland) — *see* condition
Adrenalism, tuberculous A18.7
Adrenalitis, adrenitis E27.8
autoimmune E27.1
meningococcal, hemorrhagic A39.1
Adrenarche, premature E27.0
Adrenocortical syndrome — *see* Cushing's, syndrome
Adrenogenital syndrome E25.9
acquired E25.8
congenital E25.0
salt loss E25.0
Adrenogenitalism, congenital E25.0
Adrenoleukodystrophy E71.529
neonatal E71.511
X-linked E71.529
Addison only phenotype E71.528
Addison-Schilder E71.528
adolescent E71.521
adrenomyeloneuropathy E71.522
childhood cerebral E71.520
other specified E71.528
Adrenomyeloneuropathy E71.522
Adventitious bursa — *see* Bursopathy, specified type NEC
Adverse effect — *see* Table of Drugs and Chemicals, categories T36-T50, with 6th character 5
Advice — *see* Counseling
Adynamia (episodica) (hereditary) (periodic) G72.3
Aeration lung imperfect, newborn — *see* Atelectasis
Aerobullosis T70.3 ☑
Aerocele — *see* Embolism, air
Aerodermectasia
subcutaneous (traumatic) T79.7 ☑
Aerodontalgia T70.29 ☑
Aeroembolism T70.3 ☑
Aerogenes capsulatus infection A48.0
Aero-otitis media T70.0 ☑
Aerophagy, aerophagia (psychogenic) F45.8
Aerophobia F40.228
Aerosinusitis T70.1 ☑
Aerotitis T70.0 ☑
Affection — *see* Disease
Afibrinogenemia — *see also* Defect, coagulation D68.8
acquired D65
congenital D68.2
following ectopic or molar pregnancy O08.1
in abortion — *see* Abortion, by type, complicated by, afibrinogenemia
puerperal O72.3
African
sleeping sickness B56.9
tick fever A68.1
trypanosomiasis B56.9
gambian B56.0
rhodesian B56.1
Aftercare — *see also* Care Z51.89

Aftercare — *continued*
following surgery (for) (on)
amputation Z47.81
attention to
drains Z48.03
dressings (nonsurgical) Z48.00
surgical Z48.01
sutures Z48.02
circulatory system Z48.812
delayed (planned) wound closure Z48.1
digestive system Z48.815
explantation of joint prosthesis (staged procedure)
hip Z47.32
knee Z47.33
shoulder Z47.31
genitourinary system Z48.816
joint replacement Z47.1
neoplasm Z48.3
nervous system Z48.811
oral cavity Z48.814
organ transplant
bone marrow Z48.290
heart Z48.21
heart-lung Z48.280
kidney Z48.22
liver Z48.23
lung Z48.24
multiple organs NEC Z48.288
specified NEC Z48.298
orthopedic NEC Z47.89
planned wound closure Z48.1
removal of internal fixation device Z47.2
respiratory system Z48.813
scoliosis Z47.82
sense organs Z48.810
skin and subcutaneous tissue Z48.817
specified body system
circulatory Z48.812
digestive Z48.815
genitourinary Z48.816
nervous Z48.811
oral cavity Z48.814
respiratory Z48.813
sense organs Z48.810
skin and subcutaneous tissue Z48.817
teeth Z48.814
specified NEC Z48.89
spinal Z47.89
teeth Z48.814
fracture — *code to* fracture with seventh character D
involving
removal of
drains Z48.03
dressings (nonsurgical) Z48.00
staples Z48.02
surgical dressings Z48.01
sutures Z48.02
neuropacemaker (brain) (peripheral nerve) (spinal cord) Z46.2
implanted Z45.42
orthopedic NEC Z47.89
postprocedural — *see* Aftercare, following surgery
After-cataract — *see* Cataract, secondary
Agalactia (primary) O92.3
elective, secondary or therapeutic O92.5
Agammaglobulinemia (acquired (secondary) (nonfamilial) D80.1
with
immunoglobulin-bearing B-lymphocytes D80.1
lymphopenia D81.9
autosomal recessive (Swiss type) D80.0
Bruton's X-linked D80.0
common variable (CVAgamma) D80.1
congenital sex-linked D80.0
hereditary D80.0
lymphopenic D81.9
Swiss type (autosomal recessive) D80.0
X-linked (with growth hormone deficiency) (Bruton) D80.0
Aganglionosis (bowel) (colon) Q43.1
Age (old) — *see* Senility
Agenesis
adrenal (gland) Q89.1
alimentary tract (complete) (partial) NEC Q45.8
upper Q40.8
anus, anal (canal) Q42.3
with fistula Q42.2
aorta Q25.41

SAMPLE

Chapter 1. Certain Infectious and Parasitic Diseases (A00–B99), U07.1

Chapter-specific Guidelines with Coding Examples

The chapter-specific guidelines from the ICD-10-CM Official Guidelines for Coding and Reporting have been provided below. Along with these guidelines are coding examples, contained in the shaded boxes, that have been developed to help illustrate the coding and/or sequencing guidance found in these guidelines.

a. Human immunodeficiency virus (HIV) infections

1) Code only confirmed cases

Code only confirmed cases of HIV infection/illness. This is an exception to the hospital inpatient guideline Section II, H.

In this context, "confirmation" does not require documentation of positive serology or culture for HIV; the provider's diagnostic statement that the patient is HIV positive, or has an HIV-related illness is sufficient.

Patient being seen for hypothyroidism with possible HIV infection

E03.9 **Hypothyroidism, unspecified**

Explanation: Only the hypothyroidism is coded in this scenario because it has not been confirmed that an HIV infection is present.

2) Selection and sequencing of HIV codes

(a) Patient admitted for HIV-related condition

If a patient is admitted for an HIV-related condition, the principal diagnosis should be B20, Human immunodeficiency virus [HIV] disease followed by additional diagnosis codes for all reported HIV-related conditions.

HIV with CMV

B20 **Human immunodeficiency virus [HIV] disease**

B25.9 **Cytomegaloviral disease, unspecified**

Explanation: Cytomegaloviral infection is an HIV related condition, so the HIV diagnosis code is reported first, followed by the code for the CMV.

(b) Patient with HIV disease admitted for unrelated condition

If a patient with HIV disease is admitted for an unrelated condition (such as a traumatic injury), the code for the unrelated condition (e.g., the nature of injury code) should be the principal diagnosis. Other diagnoses would be B20 followed by additional diagnosis codes for all reported HIV-related conditions.

Sprain of the internal collateral ligament, right ankle; HIV

S93.491A **Sprain of other ligament of right ankle, initial encounter**

B20 **Human immunodeficiency virus [HIV] disease**

Explanation: The ankle sprain is not related to HIV, so it is the first-listed diagnosis code, and HIV is reported secondarily.

(c) Whether the patient is newly diagnosed

Whether the patient is newly diagnosed or has had previous admissions/encounters for HIV conditions is irrelevant to the sequencing decision.

Newly diagnosed multiple cutaneous Kaposi's sarcoma lesions in previously diagnosed HIV disease

B20 **Human immunodeficiency virus [HIV] disease**

C46.0 **Kaposi's sarcoma of skin**

Explanation: Even though the HIV was diagnosed on a previous encounter, it is still sequenced first when coded with an HIV-related condition. Kaposi's sarcoma is an HIV-related condition.

(d) Asymptomatic human immunodeficiency virus

Z21, Asymptomatic human immunodeficiency virus [HIV] infection status, is to be applied when the patient without any documentation of symptoms is listed as being "HIV positive,""known HIV,""HIV test positive," or similar terminology. Do not use this code if the term "AIDS" is used or if the patient is treated for any HIV-related illness or is described as having any condition(s) resulting from his/her HIV positive status; use B20 in these cases.

Patient is being seen for iron deficiency anemia. Status positive HIV test on Atripla, with no prior symptoms

D50.9 **Iron deficiency anemia, unspecified**

Z21 **Asymptomatic human immunodeficiency virus [HIV] infection status**

Explanation: Code Z21 is sequenced second since documentation indicates that the patient has had a positive HIV test but has been asymptomatic. Being on medication for HIV is not an indication that code B20 is used instead of Z21. Unless there has been documentation that the patient has had current or prior symptoms or HIV-related complications, code B20 is not used. The anemia is not an AIDS-related complication and is sequenced first.

(e) Patients with inconclusive HIV serology

Patients with inconclusive HIV serology, but no definitive diagnosis or manifestations of the illness, may be assigned code R75, Inconclusive laboratory evidence of human immunodeficiency virus [HIV].

(f) Previously diagnosed HIV-related illness

Patients with any known prior diagnosis of an HIV-related illness should be coded to B20. Once a patient has developed an HIV-related illness, the patient should always be assigned code B20 on every subsequent admission/encounter. Patients previously diagnosed with any HIV illness (B20) should never be assigned to R75 or Z21, Asymptomatic human immunodeficiency virus [HIV] infection status.

(g) HIV infection in pregnancy, childbirth and the puerperium

During pregnancy, childbirth or the puerperium, a patient admitted (or presenting for a health care encounter) because of an HIV-related illness should receive a principal diagnosis code of O98.7-, Human immunodeficiency [HIV] disease complicating pregnancy, childbirth and the puerperium, followed by B20 and the code(s) for the HIV-related illness(es). Codes from Chapter 15 always take sequencing priority.

Patients with asymptomatic HIV infection status admitted (or presenting for a health care encounter) during pregnancy, childbirth, or the puerperium should receive codes of O98.7- and Z21.

(h) Encounters for testing for HIV

If a patient is being seen to determine his/her HIV status, use code Z11.4, Encounter for screening for human immunodeficiency virus [HIV]. Use additional codes for any associated high-risk behavior.

If a patient with signs or symptoms is being seen for HIV testing, code the signs and symptoms. An additional counseling code Z71.7, Human immunodeficiency virus [HIV] counseling, may be used if counseling is provided during the encounter for the test.

When a patient returns to be informed of his/her HIV test results and the test result is negative, use code Z71.7, Human immunodeficiency virus [HIV] counseling.

If the results are positive, see previous guidelines and assign codes as appropriate.

b. Infectious agents as the cause of diseases classified to other chapters

Certain infections are classified in chapters other than Chapter 1 and no organism is identified as part of the infection code. In these instances, it is necessary to use an additional code from Chapter 1 to identify the organism. A code from category B95, Streptococcus, Staphylococcus, and Enterococcus as the cause of diseases classified to other chapters, B96, Other bacterial agents as the cause of diseases classified to other chapters, or B97, Viral agents as the cause of diseases classified to other chapters, is to be used as an additional code to identify the organism. An instructional note will be found at the infection code advising that an additional organism code is required.

Acute *E. coli* cystitis

N30.00 **Acute cystitis without hematuria**

B96.20 **Unspecified Escherichia coli [E.coli] as the cause of diseases classified elsewhere**

Explanation: An instructional note under the category for the cystitis indicates to code also the specific organism.

SAMPLE

Chapter 8. Diseases of the Ear and Mastoid Process (H60-H95)

NOTE Use an external cause code following the code for the ear condition, if applicable, to identify the cause of the ear condition

EXCLUDES 2 *certain conditions originating in the perinatal period (P04-P96)*
certain infectious and parasitic diseases (A00-B99)
complications of pregnancy, childbirth and the puerperium (O00-O9A)
congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
endocrine, nutritional and metabolic diseases (E00-E88)
injury, poisoning and certain other consequences of external causes (S00-T88)
neoplasms (C00-D49)
symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R94)

This chapter contains the following blocks:

H60-H62 Diseases of external ear
H65-H75 Diseases of middle ear and mastoid
H80-H83 Diseases of inner ear
H90-H94 Other disorders of ear
H95 Intraoperative and postprocedural complications and disorders of ear and mastoid process, not elsewhere classified

Diseases of external ear (H60-H62)

H60 Otitis externa

TIP: When the specific infectious agent is identified, a code from Chapter 1 is assigned instead of a code from this category.

H60.0 Abscess of external ear

Boil of external ear
Carbuncle of auricle or external auditory canal
Furuncle of external ear

- **H60.00 Abscess of external ear, unspecified ear**
- **H60.01 Abscess of right external ear**
- **H60.02 Abscess of left external ear**
- **H60.03 Abscess of external ear, bilateral**

H60.1 Cellulitis of external ear

Cellulitis of auricle
Cellulitis of external auditory canal

- **H60.10 Cellulitis of external ear, unspecified ear**
- **H60.11 Cellulitis of right external ear**
- **H60.12 Cellulitis of left external ear**
- **H60.13 Cellulitis of external ear, bilateral**

H60.2 Malignant otitis externa

- **H60.20 Malignant otitis externa, unspecified ear**
- **H60.21 Malignant otitis externa, right ear**
- **H60.22 Malignant otitis externa, left ear**
- **H60.23 Malignant otitis externa, bilateral**

H60.3 Other infective otitis externa

H60.31 Diffuse otitis externa

- **H60.311 Diffuse otitis externa, right ear** Q
- **H60.312 Diffuse otitis externa, left ear** Q
- **H60.313 Diffuse otitis externa, bilateral** Q
- **H60.319 Diffuse otitis externa, unspecified ear** Q

H60.32 Hemorrhagic otitis externa

- **H60.321 Hemorrhagic otitis externa, right ear** Q
- **H60.322 Hemorrhagic otitis externa, left ear** Q
- **H60.323 Hemorrhagic otitis externa, bilateral** Q
- **H60.329 Hemorrhagic otitis externa, unspecified ear** Q

H60.33 Swimmer's ear

DEF: Commonly occurs when water gets trapped in the ear after swimming.

- **H60.331 Swimmer's ear, right ear** Q
- **H60.332 Swimmer's ear, left ear** Q
- **H60.333 Swimmer's ear, bilateral** Q
- **H60.339 Swimmer's ear, unspecified ear** Q

H60.39 Other infective otitis externa

- **H60.391 Other infective otitis externa, right ear** Q
- **H60.392 Other infective otitis externa, left ear** Q
- **H60.393 Other infective otitis externa, bilateral** Q
- **H60.399 Other infective otitis externa, unspecified ear** Q

H60.4 Cholesteatoma of external ear

Keratosis obturans of external ear (canal)

EXCLUDES 2 *cholesteatoma of middle ear (H71.-)*
recurrent cholesteatoma of postmastoidectomy cavity (H95.0-)

DEF: Cholesteatoma: Noncancerous cyst-like mass of cell debris, including cholesterol and epithelial cells resulting from trauma, repeated or improperly healed infections, and congenital enclosure of epidermal cells.

- **H60.40 Cholesteatoma of external ear, unspecified ear**
- **H60.41 Cholesteatoma of right external ear**
- **H60.42 Cholesteatoma of left external ear**
- **H60.43 Cholesteatoma of external ear, bilateral**

H60.5 Acute noninfective otitis externa

H60.50 Unspecified acute noninfective otitis externa

Acute otitis externa NOS

- **H60.501 Unspecified acute noninfective otitis externa, right ear** Q
- **H60.502 Unspecified acute noninfective otitis externa, left ear** Q
- **H60.503 Unspecified acute noninfective otitis externa, bilateral** Q
- **H60.509 Unspecified acute noninfective otitis externa, unspecified ear** Q

H60.51 Acute actinic otitis externa

- **H60.511 Acute actinic otitis externa, right ear** Q
- **H60.512 Acute actinic otitis externa, left ear** Q
- **H60.513 Acute actinic otitis externa, bilateral** Q
- **H60.519 Acute actinic otitis externa, unspecified ear** Q

H60.52 Acute chemical otitis externa

- **H60.521 Acute chemical otitis externa, right ear** Q
- **H60.522 Acute chemical otitis externa, left ear** Q
- **H60.523 Acute chemical otitis externa, bilateral** Q
- **H60.529 Acute chemical otitis externa, unspecified ear** Q

H60.53 Acute contact otitis externa

- **H60.531 Acute contact otitis externa, right ear** Q
- **H60.532 Acute contact otitis externa, left ear** Q
- **H60.533 Acute contact otitis externa, bilateral** Q
- **H60.539 Acute contact otitis externa, unspecified ear** Q

H60.54 Acute eczematoid otitis externa

- **H60.541 Acute eczematoid otitis externa, right ear** Q
- **H60.542 Acute eczematoid otitis externa, left ear** Q
- **H60.543 Acute eczematoid otitis externa, bilateral** Q
- **H60.549 Acute eczematoid otitis externa, unspecified ear** Q

H60.55 Acute reactive otitis externa

- **H60.551 Acute reactive otitis externa, right ear** Q
- **H60.552 Acute reactive otitis externa, left ear** Q
- **H60.553 Acute reactive otitis externa, bilateral** Q
- **H60.559 Acute reactive otitis externa, unspecified ear** Q

H60.59 Other noninfective acute otitis externa

- **H60.591 Other noninfective acute otitis externa, right ear** Q
- **H60.592 Other noninfective acute otitis externa, left ear** Q
- **H60.593 Other noninfective acute otitis externa, bilateral** Q
- **H60.599 Other noninfective acute otitis externa, unspecified ear** Q

SAMPLE

J39.3 **Upper respiratory tract hypersensitivity reaction, site unspecified**
EXCLUDES 1 *hypersensitivity reaction of upper respiratory tract, such as:*
extrinsic allergic alveolitis (J67.9)
pneumoconiosis (J60-J67.9)

J39.8 **Other specified diseases of upper respiratory tract**

J39.9 **Disease of upper respiratory tract, unspecified**

Chronic lower respiratory diseases (J40-J47)

EXCLUDES 1 *bronchitis due to chemicals, gases, fumes and vapors (J68.0)*
EXCLUDES 2 *cystic fibrosis (E84.-)*

J40 **Bronchitis, not specified as acute or chronic**
Bronchitis NOS
Bronchitis with tracheitis NOS
Catarrhal bronchitis
Tracheobronchitis NOS
Use additional code to identify:
exposure to environmental tobacco smoke (Z77.22)
exposure to tobacco smoke in the perinatal period (P96.81)
history of tobacco dependence (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
tobacco dependence (F17.-)
tobacco use (Z72.0)
EXCLUDES 1 *acute bronchitis (J20.-)*
allergic bronchitis NOS (J45.909-)
asthmatic bronchitis NOS (J45.9-)
bronchitis due to chemicals, gases, fumes and vapors (J68.0)
AHA: 2020,1Q,34-36
TIP: Assign as a secondary code for a patient with bronchitis of unspecified acuity due to COVID-19; assign U07.1 as the principal or first-listed code.

√4th **J41** **Simple and mucopurulent chronic bronchitis**
Use additional code to identify:
exposure to environmental tobacco smoke (Z77.22)
exposure to tobacco smoke in the perinatal period (P96.81)
history of tobacco dependence (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
tobacco dependence (F17.-)
tobacco use (Z72.0)
EXCLUDES 1 *chronic bronchitis NOS (J42)*
chronic obstructive bronchitis (J44.-)

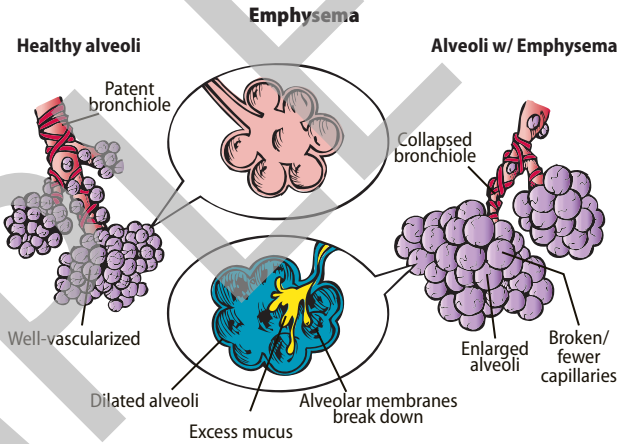
J41.0 **Simple chronic bronchitis** HCC Q

J41.1 **Mucopurulent chronic bronchitis** HCC Q

J41.8 **Mixed simple and mucopurulent chronic bronchitis** HCC Q

J42 **Unspecified chronic bronchitis** HCC Q
Chronic bronchitis NOS
Chronic tracheitis
Chronic tracheobronchitis
Use additional code to identify:
exposure to environmental tobacco smoke (Z77.22)
exposure to tobacco smoke in the perinatal period (P96.81)
history of tobacco dependence (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
tobacco dependence (F17.-)
tobacco use (Z72.0)
EXCLUDES 1 *chronic asthmatic bronchitis (J44.-)*
chronic bronchitis with airways obstruction (J44.-)
chronic emphysematous bronchitis (J44.-)
chronic obstructive pulmonary disease NOS (J44.9)
simple and mucopurulent chronic bronchitis (J41.-)

√4th **J43** **Emphysema**
Use additional code to identify:
exposure to environmental tobacco smoke (Z77.22)
history of tobacco dependence (Z87.891)
occupational exposure to environmental tobacco smoke (Z57.31)
tobacco dependence (F17.-)
tobacco use (Z72.0)
EXCLUDES 1 *compensatory emphysema (J98.3)*
emphysema due to inhalation of chemicals, gases, fumes or vapors (J68.4)
emphysema with chronic (obstructive) bronchitis (J44.-)
emphysematous (obstructive) bronchitis (J44.-)
interstitial emphysema (J98.2)
mediastinal emphysema (J98.2)
neonatal interstitial emphysema (P25.0)
surgical (subcutaneous) emphysema (T81.82)
~~traumatic subcutaneous emphysema (T79.7)~~
EXCLUDES 2 ▶*traumatic subcutaneous emphysema (T79.7)*◀
DEF: Pathological condition in which there is destructive enlargement of the air sacs in the lungs resulting in damage and lack of elasticity to the alveolar walls, commonly seen in long-term smokers.



J43.0 **Unilateral pulmonary emphysema [MacLeod's syndrome]** HCC Q
Swyer-James syndrome
Unilateral emphysema
Unilateral hyperlucent lung
Unilateral pulmonary artery functional hypoplasia
Unilateral transparency of lung

J43.1 **Panlobular emphysema** HCC Q
Panacinar emphysema

J43.2 **Centrilobular emphysema** HCC Q

J43.8 **Other emphysema** HCC Q

J43.9 **Emphysema, unspecified** HCC Q
Bullous emphysema (lung)(pulmonary)
Emphysema (lung)(pulmonary) NOS
Emphysematous bleb
Vesicular emphysema (lung)(pulmonary)
AHA: 2019,1Q,34-36; 2017,4Q,97-98

SAMPLE

Chapter 18. Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere Classified (RØØ-R99)

NOTE This chapter includes symptoms, signs, abnormal results of clinical or other investigative procedures, and ill-defined conditions regarding which no diagnosis classifiable elsewhere is recorded.

Signs and symptoms that point rather definitely to a given diagnosis have been assigned to a category in other chapters of the classification. In general, categories in this chapter include the less well-defined conditions and symptoms that, without the necessary study of the case to establish a final diagnosis, point perhaps equally to two or more diseases or to two or more systems of the body. Practically all categories in the chapter could be designated 'not otherwise specified', 'unknown etiology' or 'transient'. The Alphabetical Index should be consulted to determine which symptoms and signs are to be allocated here and which to other chapters. The residual subcategories, numbered .8, are generally provided for other relevant symptoms that cannot be allocated elsewhere in the classification.

The conditions and signs or symptoms included in categories RØØ-R94 consist of:

(a) cases for which no more specific diagnosis can be made even after all the facts bearing on the case have been investigated;

(b) signs or symptoms existing at the time of initial encounter that proved to be transient and whose causes could not be determined;

(c) provisional diagnosis in a patient who failed to return for further investigation or care;

(d) cases referred elsewhere for investigation or treatment before the diagnosis was made;

(e) cases in which a more precise diagnosis was not available for any other reason;

(f) certain symptoms, for which supplementary information is provided, that represent important problems in medical care in their own right.

EXCLUDES 2 *abnormal findings on antenatal screening of mother (O28.-)*
certain conditions originating in the perinatal period (P04-P96)
signs and symptoms classified in the body system chapters
signs and symptoms of breast (N63, N64.5)

AHA: 2017,1Q,6,7

This chapter contains the following blocks:

RØØ-RØ9	Symptoms and signs involving the circulatory and respiratory systems
R1Ø-R19	Symptoms and signs involving the digestive system and abdomen
R2Ø-R23	Symptoms and signs involving the skin and subcutaneous tissue
R25-R29	Symptoms and signs involving the nervous and musculoskeletal systems
R3Ø-R39	Symptoms and signs involving the genitourinary system
R4Ø-R46	Symptoms and signs involving cognition, perception, emotional state and behavior
R47-R49	Symptoms and signs involving speech and voice
R5Ø-R69	General symptoms and signs
R7Ø-R79	Abnormal findings on examination of blood, without diagnosis
R8Ø-R82	Abnormal findings on examination of urine, without diagnosis
R83-R89	Abnormal findings on examination of other body fluids, substances and tissues, without diagnosis
R9Ø-R94	Abnormal findings on diagnostic imaging and in function studies, without diagnosis
R97	Abnormal tumor markers
R99	Ill-defined and unknown cause of mortality

Symptoms and signs involving the circulatory and respiratory systems (RØØ-RØ9)

RØØ Abnormalities of heart beat

EXCLUDES 1 *abnormalities originating in the perinatal period (P29.1-)*
EXCLUDES 2 *specified arrhythmias (I47-I49)*

RØØ.Ø Tachycardia, unspecified
Rapid heart beat
Sinoauricular tachycardia NOS
Sinus [sinusal] tachycardia NOS
EXCLUDES 1 *neonatal tachycardia (P29.11)*
paroxysmal tachycardia (I47.-)
DEF: Excessively rapid heart rate of more than 100 beats per minute.

RØØ.1 Bradycardia, unspecified
Sinoatrial bradycardia
Sinus bradycardia
Slow heart beat
Vagal bradycardia
Use additional code for adverse effect, if applicable, to identify drug (T36-T5Ø with fifth or sixth character 5)
EXCLUDES 1 *neonatal bradycardia (P29.12)*
AHA: 2020,2Q,23
DEF: Slowed heartbeat, usually defined as a rate fewer than 60 beats per minute. Heart rhythm may be slow as a result of a congenital defect or an acquired problem.

RØØ.2 Palpitations
Awareness of heart beat

RØØ.8 Other abnormalities of heart beat

RØØ.9 Unspecified abnormalities of heart beat

RØ1 Cardiac murmurs and other cardiac sounds

EXCLUDES 1 *cardiac murmurs and sounds originating in the perinatal period (P29.8)*

RØ1.Ø Benign and innocent cardiac murmurs
Functional cardiac murmur

RØ1.1 Cardiac murmur, unspecified
Cardiac bruit NOS
Heart murmur NOS
Systolic murmur NOS

RØ1.2 Other cardiac sounds
Cardiac dullness, increased or decreased
Precordial friction

RØ3 Abnormal blood-pressure reading, without diagnosis

RØ3.Ø Elevated blood-pressure reading, without diagnosis of hypertension
NOTE This category is to be used to record an episode of elevated blood pressure in a patient in whom no formal diagnosis of hypertension has been made, or as an isolated incidental finding.

RØ3.1 Nonspecific low blood-pressure reading
EXCLUDES 1 *hypotension (I95.-)*
maternal hypotension syndrome (O26.5-)
neurogenic orthostatic hypotension (G9Ø.3)

RØ4 Hemorrhage from respiratory passages

RØ4.Ø Epistaxis
Hemorrhage from nose
Nosebleed

RØ4.1 Hemorrhage from throat
EXCLUDES 2 *hemoptysis (RØ4.2)*

RØ4.2 Hemoptysis
Blood-stained sputum
Cough with hemorrhage
AHA: 2013,4Q,118

RØ4.8 Hemorrhage from other sites in respiratory passages

RØ4.81 Acute idiopathic pulmonary hemorrhage in infants P
AIPHI
Acute idiopathic hemorrhage in infants over 28 days old
EXCLUDES 1 *perinatal pulmonary hemorrhage (P26.-)*
von Willebrand's disease (D68.Ø)

RØ4.89 Hemorrhage from other sites in respiratory passages
Pulmonary hemorrhage NOS

RØ4.9 Hemorrhage from respiratory passages, unspecified

RØ5 Cough

EXCLUDES 1 *cough with hemorrhage (RØ4.2)*
smoker's cough (J41.Ø)
AHA: 2016,2Q,33

SAMPLE

Z62.6 Inappropriate (excessive) parental pressure

Z62.8 Other specified problems related to upbringing

Z62.81 Personal history of abuse in childhood

Z62.81Ø Personal history of physical and sexual abuse in childhood

EXCLUDES 1 *current child physical abuse (T74.12, T76.12)*
current child sexual abuse (T74.22, T76.22)

Z62.811 Personal history of psychological abuse in childhood

EXCLUDES 1 *current child psychological abuse (T74.32, T76.32)*

Z62.812 Personal history of neglect in childhood

EXCLUDES 1 *current child neglect (T74.Ø2, T76.Ø2)*

Z62.813 Personal history of forced labor or sexual exploitation in childhood

AHA: 2018,4Q,32,35

Z62.819 Personal history of unspecified abuse in childhood

EXCLUDES 1 *current child abuse NOS (T74.92, T76.92)*

Z62.82 Parent-child conflict

Z62.82Ø Parent-biological child conflict
Parent-child problem NOS

Z62.821 Parent-adopted child conflict

Z62.822 Parent-foster child conflict

Z62.89 Other specified problems related to upbringing

Z62.89Ø Parent-child estrangement NEC

Z62.891 Sibling rivalry

Z62.898 Other specified problems related to upbringing

Z62.9 Problem related to upbringing, unspecified

Z63 Other problems related to primary support group, including family circumstances

EXCLUDES 2 *maltreatment syndrome (T74.-, T76)*
parent-child problems (Z62.-)
problems related to negative life events in childhood (Z62.-)
problems related to upbringing (Z62.-)

Z63.Ø Problems in relationship with spouse or partner
Relationship distress with spouse or intimate partner

EXCLUDES 1 *counseling for spousal or partner abuse problems (Z69.1)*
counseling related to sexual attitude, behavior, and orientation (Z7Ø.-)

Z63.1 Problems in relationship with in-laws

Z63.3 Absence of family member

EXCLUDES 1 *absence of family member due to disappearance and death (Z63.4)*
absence of family member due to separation and divorce (Z63.5)

Z63.31 Absence of family member due to military deployment
Individual or family affected by other family member being on military deployment

EXCLUDES 1 *family disruption due to return of family member from military deployment (Z63.71)*

Z63.32 Other absence of family member

Z63.4 Disappearance and death of family member
Assumed death of family member
Bereavement
AHA: 2014,1Q,25

Z63.5 Disruption of family by separation and divorce
Marital estrangement

Z63.6 Dependent relative needing care at home

Z63.7 Other stressful life events affecting family and household

Z63.71 Stress on family due to return of family member from military deployment
Individual or family affected by family member having returned from military deployment (current or past conflict)

Z63.72 Alcoholism and drug addiction in family

Z63.79 Other stressful life events affecting family and household
Anxiety (normal) about sick person in family
Health problems within family
Ill or disturbed family member
Isolated family

Z63.8 Other specified problems related to primary support group
Family discord NOS
Family estrangement NOS
High expressed emotional level within family
Inadequate family support NOS
Inadequate or distorted communication within family

Z63.9 Problem related to primary support group, unspecified
Relationship disorder NOS

Z64 Problems related to certain psychosocial circumstances

Z64.Ø Problems related to unwanted pregnancy ♀

Z64.1 Problems related to multiparity ♀

Z64.4 Discord with counselors
Discord with probation officer
Discord with social worker

Z65 Problems related to other psychosocial circumstances

Z65.Ø Conviction in civil and criminal proceedings without imprisonment

Z65.1 Imprisonment and other incarceration

Z65.2 Problems related to release from prison

Z65.3 Problems related to other legal circumstances
Arrest
Child custody or support proceedings
Litigation
Prosecution

Z65.4 Victim of crime and terrorism
Victim of torture

Z65.5 Exposure to disaster, war and other hostilities

EXCLUDES 1 *target of perceived discrimination or persecution (Z6Ø.5)*

Z65.8 Other specified problems related to psychosocial circumstances
Religious or spiritual problem

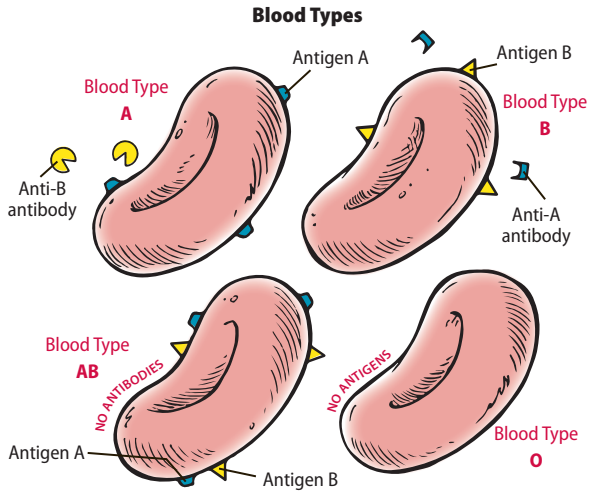
Z65.9 Problem related to unspecified psychosocial circumstances

Do not resuscitate status (Z66)

Z66 Do not resuscitate
DNR status
DEF: Medical order written by a physician that instructs others not to perform cardiopulmonary resuscitation (CPR), intubation, or advanced life support (ACLS). It prevents unnecessary invasive treatment to prolong life should breathing stop or cardiac arrest occur.

Blood type (Z67)

Z67 Blood type
AHA: 2015,3Q,40



Z67.1 Type A blood

Z67.1Ø Type A blood, Rh positive

SAMPLE

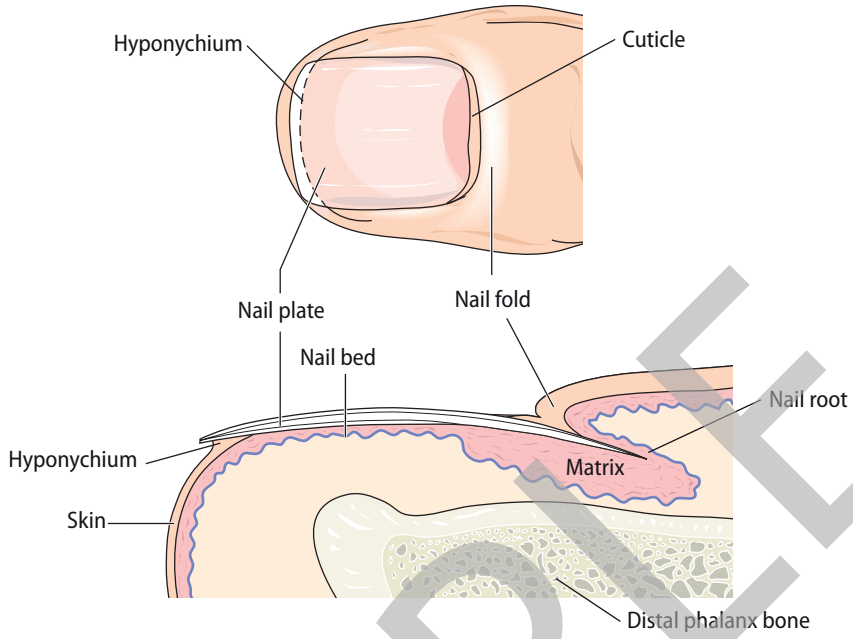
Appendix A: Valid 3-character ICD-10-CM Codes

A09	Infectious gastroenteritis and colitis, unspecified
A33	Tetanus neonatorum
A34	Obstetrical tetanus
A35	Other tetanus
A46	Erysipelas
A55	Chlamydial lymphogranuloma (venereum)
A57	Chancroid
A58	Granuloma inguinale
A64	Unspecified sexually transmitted disease
A65	Nonvenereal syphilis
A70	Chlamydia psittaci infections
A78	Q fever
A86	Unspecified viral encephalitis
A89	Unspecified viral infection of central nervous system
A90	Dengue fever [classical dengue]
A91	Dengue hemorrhagic fever
A94	Unspecified arthropod-borne viral fever
A99	Unspecified viral hemorrhagic fever
B03	Smallpox
B04	Monkeypox
B09	Unspecified viral infection characterized by skin and mucous membrane lesions
B20	Human immunodeficiency virus [HIV] disease
B49	Unspecified mycosis
B54	Unspecified malaria
B59	Pneumocystosis
B64	Unspecified protozoal disease
B72	Dracunculiasis
B75	Trichinellosis
B79	Trichuriasis
B80	Enterobiasis
B86	Scabies
B89	Unspecified parasitic disease
B91	Sequelae of poliomyelitis
B92	Sequelae of leprosy
C01	Malignant neoplasm of base of tongue
C07	Malignant neoplasm of parotid gland
C12	Malignant neoplasm of pyriform sinus
C19	Malignant neoplasm of rectosigmoid junction
C20	Malignant neoplasm of rectum
C23	Malignant neoplasm of gallbladder
C33	Malignant neoplasm of trachea
C37	Malignant neoplasm of thymus
C52	Malignant neoplasm of vagina
C55	Malignant neoplasm of uterus, part unspecified
C58	Malignant neoplasm of placenta
C61	Malignant neoplasm of prostate
C73	Malignant neoplasm of thyroid gland
D34	Benign neoplasm of thyroid gland
D45	Polycythemia vera
D62	Acute posthemorrhagic anemia
D65	Disseminated intravascular coagulation [defibrination syndrome]
D66	Hereditary factor VIII deficiency
D67	Hereditary factor IX deficiency
D71	Functional disorders of polymorphonuclear neutrophils
D77	Other disorders of blood and blood-forming organs in diseases classified elsewhere
E02	Subclinical iodine-deficiency hypothyroidism
E15	Nondiabetic hypoglycemic coma
E35	Disorders of endocrine glands in diseases classified elsewhere
E40	Kwashiorkor
E41	Nutritional marasmus
E42	Marasmic kwashiorkor
E43	Unspecified severe protein-calorie malnutrition
E45	Retarded development following protein-calorie malnutrition
E46	Unspecified protein-calorie malnutrition
E52	Niacin deficiency [pellagra]
E54	Ascorbic acid deficiency
E58	Dietary calcium deficiency
E59	Dietary selenium deficiency
E60	Dietary zinc deficiency
E65	Localized adiposity
E68	Sequelae of hyperalimentation
F04	Amnestic disorder due to known physiological condition
F05	Delirium due to known physiological condition
F09	Unspecified mental disorder due to known physiological condition
F21	Schizotypal disorder
F22	Delusional disorders
F23	Brief psychotic disorder
F24	Shared psychotic disorder
F28	Other psychotic disorder not due to a substance or known physiological condition
F29	Unspecified psychosis not due to a substance or known physiological condition
F39	Unspecified mood [affective] disorder
F54	Psychological and behavioral factors associated with disorders or diseases classified elsewhere
F59	Unspecified behavioral syndromes associated with physiological disturbances and physical factors
F66	Other sexual disorders
F69	Unspecified disorder of adult personality and behavior
F70	Mild intellectual disabilities
F71	Moderate intellectual disabilities
F72	Severe intellectual disabilities
F73	Profound intellectual disabilities
F78	Other intellectual disabilities
F79	Unspecified intellectual disabilities
F82	Specific developmental disorder of motor function
F88	Other disorders of psychological development
F89	Unspecified disorder of psychological development
F99	Mental disorder, not otherwise specified
G01	Meningitis in bacterial diseases classified elsewhere
G02	Meningitis in other infectious and parasitic diseases classified elsewhere
G07	Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere
G08	Intracranial and intraspinal phlebitis and thrombophlebitis
G09	Sequelae of inflammatory diseases of central nervous system
G10	Huntington's disease
G14	Postpolio syndrome
G20	Parkinson's disease
G26	Extrapyramidal and movement disorders in diseases classified elsewhere
G35	Multiple sclerosis
G53	Cranial nerve disorders in diseases classified elsewhere
G55	Nerve root and plexus compressions in diseases classified elsewhere
G59	Mononeuropathy in diseases classified elsewhere
G63	Polyneuropathy in diseases classified elsewhere
G64	Other disorders of peripheral nervous system
G92	Toxic encephalopathy
G94	Other disorders of brain in diseases classified elsewhere
H22	Disorders of iris and ciliary body in diseases classified elsewhere
H28	Cataract in diseases classified elsewhere
H32	Chorioretinal disorders in diseases classified elsewhere
H36	Retinal disorders in diseases classified elsewhere
H42	Glaucoma in diseases classified elsewhere
I00	Rheumatic fever without heart involvement
I10	Essential (primary) hypertension
I32	Pericarditis in diseases classified elsewhere
I38	Endocarditis, valve unspecified

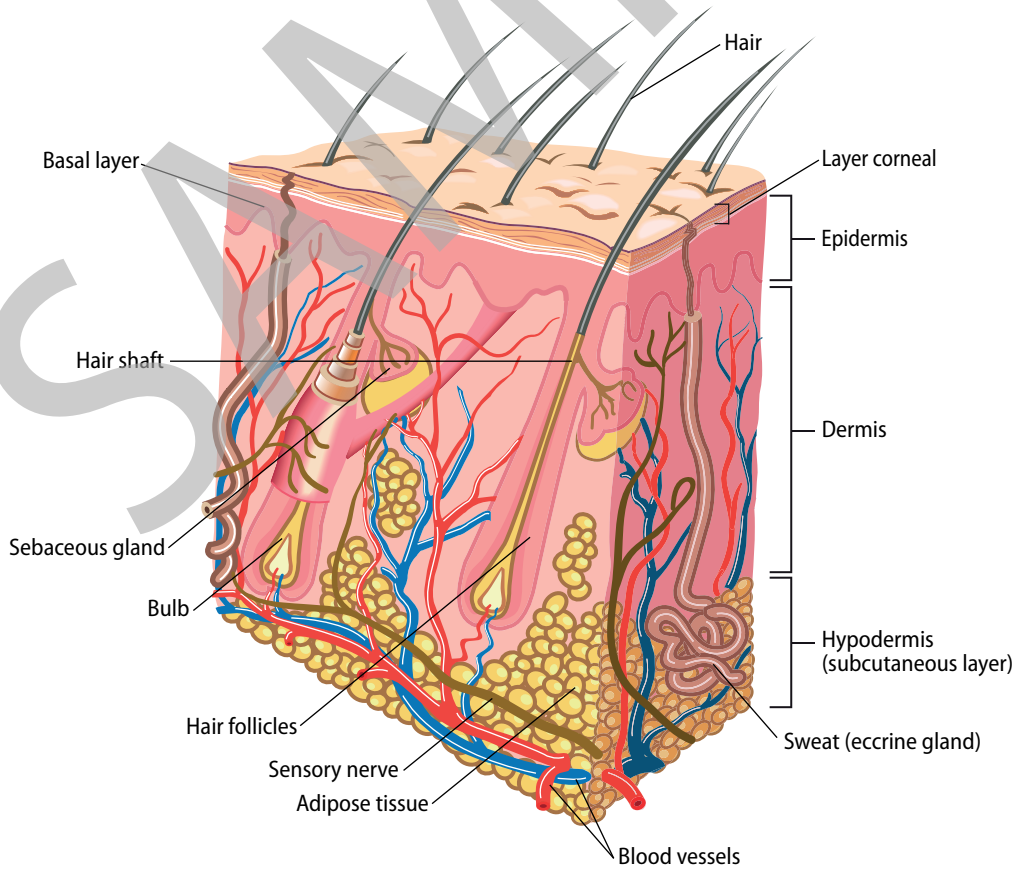
SAMPLE

Chapter 12. Diseases of the Skin and Subcutaneous Tissue (L00–L99)

Nail Anatomy



Skin and Subcutaneous Tissue



SAMPLE