

ICD-10 Fundamentals and Navigation

Presenter: Dr Evan Gwilliam

Moderator: Ken Edwards

 #CureMDWebinar



Oct 1, 2015

ICD-10 Boot Camp

Part 1 – Fundamentals and Navigation

Presented by Evan M. Gwilliam, DC MBA BS
CPC CCPC NCICS CCCPC CPC-I MCS-P CPMA
Chief Product Officer

FIND-A-CODE™
FAST - SIMPLE - CURRENT

Dr. Evan Gwilliam



- Education

- Bachelor's of Science, Accounting - Brigham Young University
- Master's of Business Administration - Broadview University
- Doctor of Chiropractic, Valedictorian - Palmer College of Chiropractic

- Certifications

- Certified Professional Coder (CPC) - AAPC
- Nationally Certified Insurance Coding Specialist (NCICS) - NCCT
- Certified Chiropractic Professional Coder (CCPC) - AAPC
- ChiroCode Certified Chiropractic Professional Coder (CCCPC) - ChiroCode
- Certified Professional Coder – Instructor (CPC-I) - AAPC
- Medical Compliance Specialist – Physician (MCS-P) - MCS
- Certified Professional Medical Auditor (CPMA) – AAPC, NAMAS
- Certified ICD-10 Trainer - AAPC

Overview

- Part 1 - ICD-10 fundamentals and navigation
- Part 2 - Coding conventions and guidelines
- Part 3 - ICD-10 code selection strategies
- Part 4 - Documentation improvement



Note: ICD-10-PCS are procedure codes which replace ICD-9-CM volume 3. They are used for inpatient hospital facility billing only and not discussed in this program.

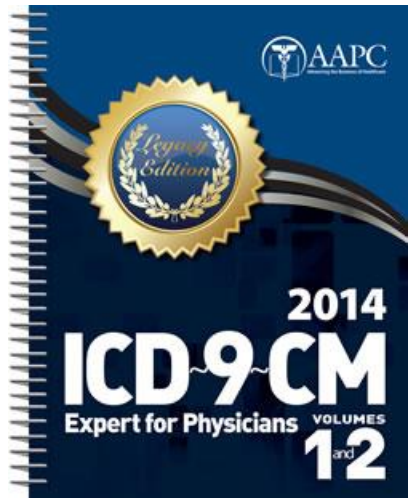
ICD-9 CM

- ▶ 13,000 codes
- ▶ 3-5 characters
- ▶ First digit may be alpha (E or V) or numeric; digits 2-5 are numeric
- ▶ Lacks space to add new codes
- ▶ Insufficient detail & no laterality

ICD-10 CM

- ▶ 68,000 codes
- ▶ 3-7 characters
- ▶ Digit 1 is alpha, 2 & 3 are numeric, & 4-7 are alpha/numeric
- ▶ Ample space for new codes
- ▶ Highly specific & utilizes laterality

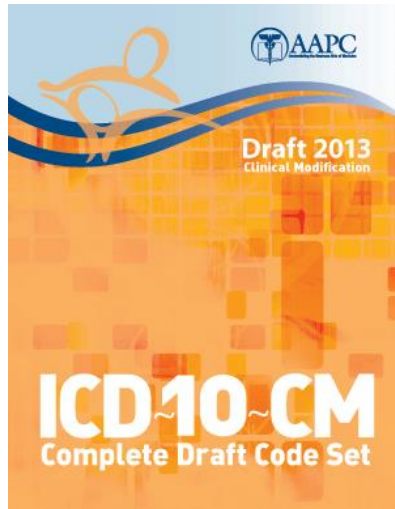
Similarities



ICD-9

- I. Official Guidelines (about 30 pages)
- II. Indexes (about 350 pages)
 - i. Diseases and Injuries
 - i. Neoplasms
 - ii. Drugs and Chemicals
 - iii. External Causes

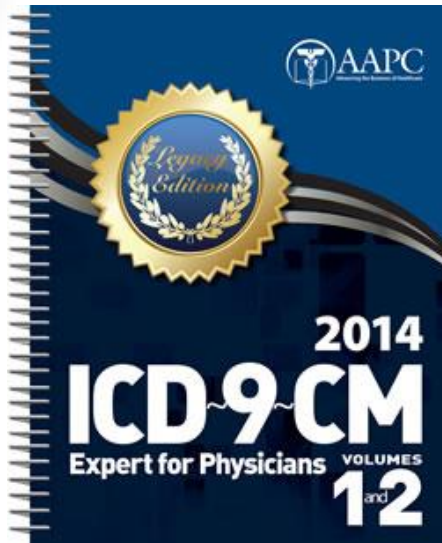
Similarities



ICD-10

- I. Official Guidelines (about 30 pages)
- II. Indexes (about 420 pages)
 - i. Diseases and Injuries
 - ii. Neoplasms
 - iii. Drugs and Chemicals
 - iv. External Causes

Similarities



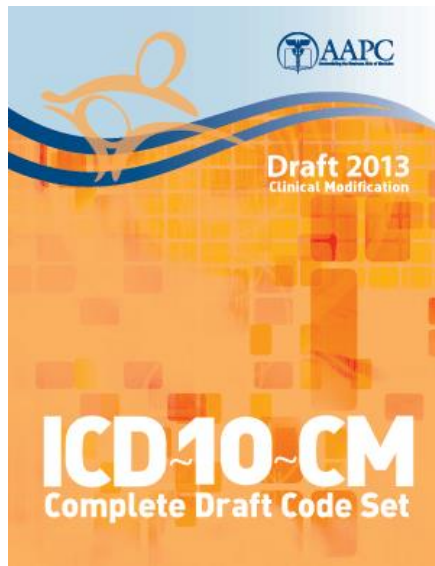
ICD-9

III. Tabular list

(340 pages)

1. Infectious Diseases
2. Neoplasms
3. Endocrine
4. Blood
5. Mental
6. Nervous
7. Circulatory
8. Respiratory
9. Digestive
10. Genitourinary
11. Pregnancy
12. Skin
13. Musculoskeletal
14. Congenital malformations
15. Perinatal
16. Signs and Symptoms
17. Injuries and Poisoning
- E-codes. External Causes
- V-codes. Health Status

Similarities



ICD-10

III. Tabular list

(660 pages)

1. Infectious Diseases
2. Neoplasms
3. Blood
4. Endocrine
5. Mental
6. Nervous
7. Eye
8. Ear
9. Circulatory
10. Respiratory
11. Digestive
12. Skin
13. Musculoskeletal
14. Genitourinary
15. Pregnancy
16. Perinatal
17. Congenital malformations
18. Signs and Symptoms
19. Injuries and Poisoning
20. External Causes
21. Health Status

Proposed Chapter 22



ZA1 Certain infectious diseases caused by zombies

ZA1.0 Allergic reaction to zombies

ZA1.00 Allergic reaction to zombie saliva

ZA1.01 Allergic reaction to zombie dogs

ZA1.02 Allergic reaction to zombie hair

ZA1.1 Infection caused by zombies

ZA1.10 Certain zombification of body parts

ZA1.100 Zombification of arm

ZA1.101 Zombification of leg

ZA1.102 Zombification of foot

ZA1.103 Zombification of hand

ZA1.104 Zombification of eye

ZA1.105 Zombification of tongue

ZA1.11 Total zombification

ZA1.2 Nausea caused by zombies

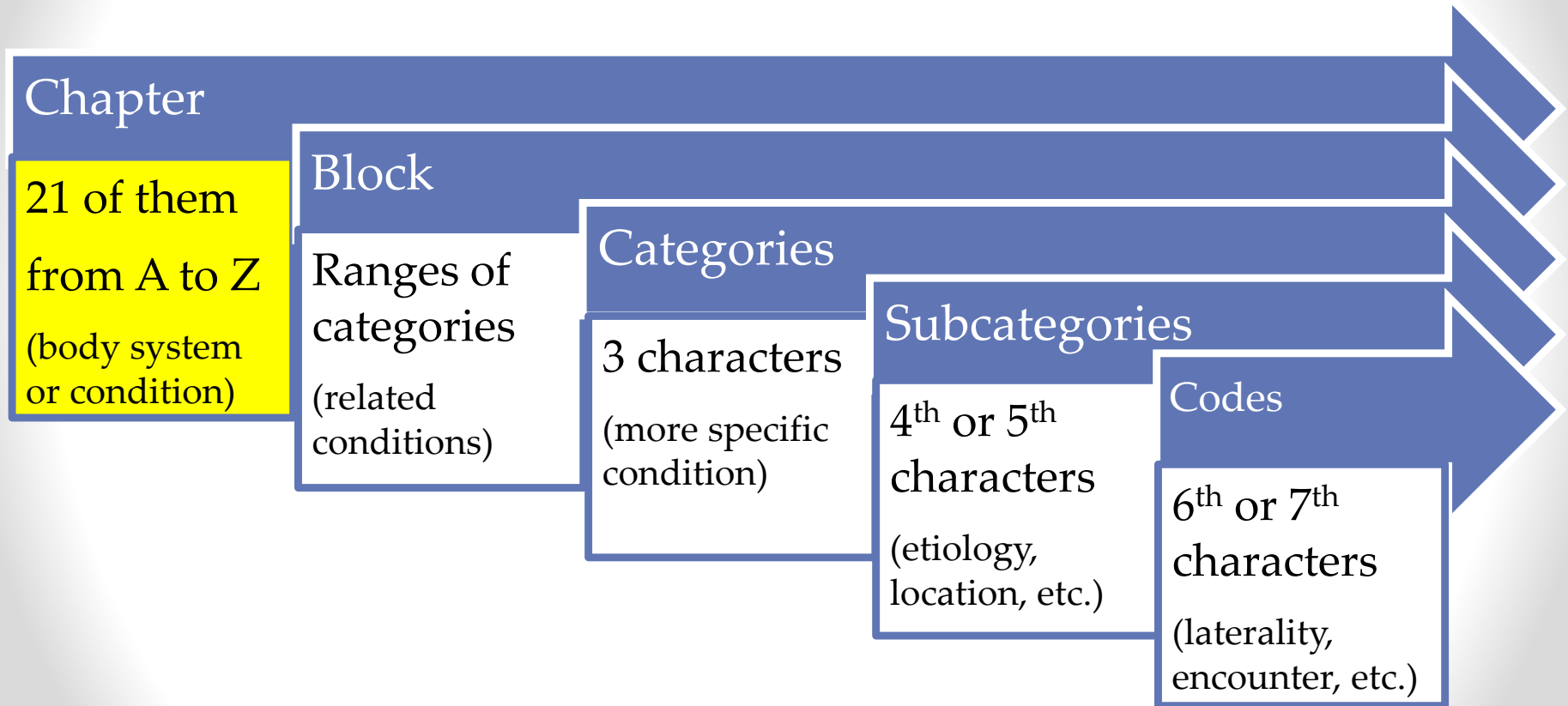
ZA1.20 Nausea caused by zombie stench

ZA1.21 Nausea caused by zombie appearance

ZA1.22 Nausea caused by neighbors massacred by zombies

ZA1.23 Nausea caused by own injury from a zombie

Tabular list layout



8. Diseases of the ear and mastoid process (H60-H95)

Notes:

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

Excludes2:

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)

See Guidelines:

1; C.20.a.1
 4; B

*Use additional code for any associated perforated tympanic membrane (H72.-) code to identify:
 exposure to environmental tobacco smoke (Z77.22)
 exposure to tobacco smoke in the perinatal period (P96.81)
 history of tobacco use (Z87.891)
 occupational exposure to environmental tobacco smoke (Z57.31)
 tobacco dependence (F17.-)
 tobacco use (Z72.0)*

- H65.0- Acute serous otitis media
 Acute and subacute serous otitis
- H65.00 Unspecified ear**
- H65.01 Right ear**
- H65.02 Left ear**
- H65.03 Bilateral**
- H65.04 Recurrent, right ear**
- H65.05 Recurrent, left ear**
- H65.06 Recurrent, bilateral**
- H65.07 Recurrent, unspecified ear**
- H65.1- Other acute nonsuppurative otitis media
Excludes1:
 otitic barotrauma (T70.0)
 otitis media (acute) NOS (H66.9)
- H65.19- Other acute nonsuppurative otitis media
 Acute and subacute mucoid otitis media
 Acute and subacute nonsuppurative otitis media NOS
 Acute and subacute sanguinous otitis media
 Acute and subacute seromucinous otitis media
- H65.191 Right ear**
- H65.192 Left ear**
- H65.193 Bilateral**
- H65.194 Recurrent, right ear**
- H65.195 Recurrent, left ear**
- H65.196 Recurrent, bilateral**
- H65.197 Recurrent, unspecified ear**
- H65.199 Unspecified ear**
- H65.2- Chronic serous otitis media
 Chronic tubotympanic catarrh
- H65.20 Unspecified ear**
- H65.21 Right ear**
- H65.22 Left ear**
- H65.23 Bilateral**
- H65.4- Other chronic nonsuppurative otitis media
- H65.49- Other chronic nonsuppurative otitis media
 Chronic exudative otitis media
 Chronic nonsuppurative otitis media NOS
 Chronic otitis media with effusion (nonpurulent)
 Chronic seromucinous otitis media
- H65.491 Right ear**
- H65.492 Left ear**
- H65.493 Bilateral**
- H65.499 Unspecified ear**
- H65.9- Unspecified nonsuppurative otitis media

DISEASES OF EXTERNAL EAR (H60-H62)

H60- OTITIS EXTERNA

- H60.5- Acute noninfective otitis externa
- H60.50- Unspecified acute noninfective otitis externa
 Acute otitis externa NOS
- H60.501 Right ear**
- H60.502 Left ear**
- H60.503 Bilateral**
- H60.509 Unspecified ear**
- H60.59- Other noninfective acute otitis externa
- H60.591 Right ear**
- H60.592 Left ear**
- H60.593 Bilateral**
- H60.599 Unspecified ear**

H61- OTHER DISORDERS OF EXTERNAL EAR

- H61.2- Impacted cerumen
 Wax in ear
- H61.20 Unspecified ear**
- H61.21 Right ear**
- H61.22 Left ear**
- H61.23 Bilateral**

DISEASES OF MIDDLE EAR AND MASTOID (H65-H75)

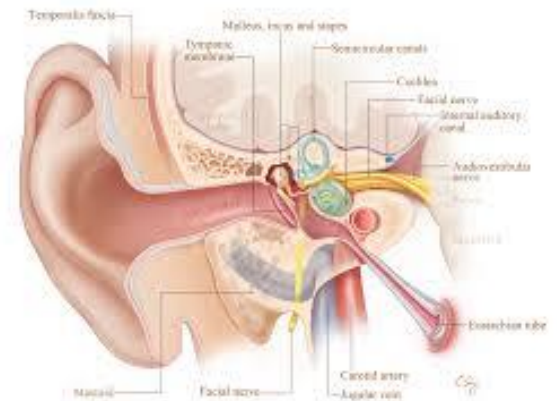
H65- NONSUPPURATIVE OTITIS MEDIA

Includes:
 nonsuppurative otitis media with myringitis

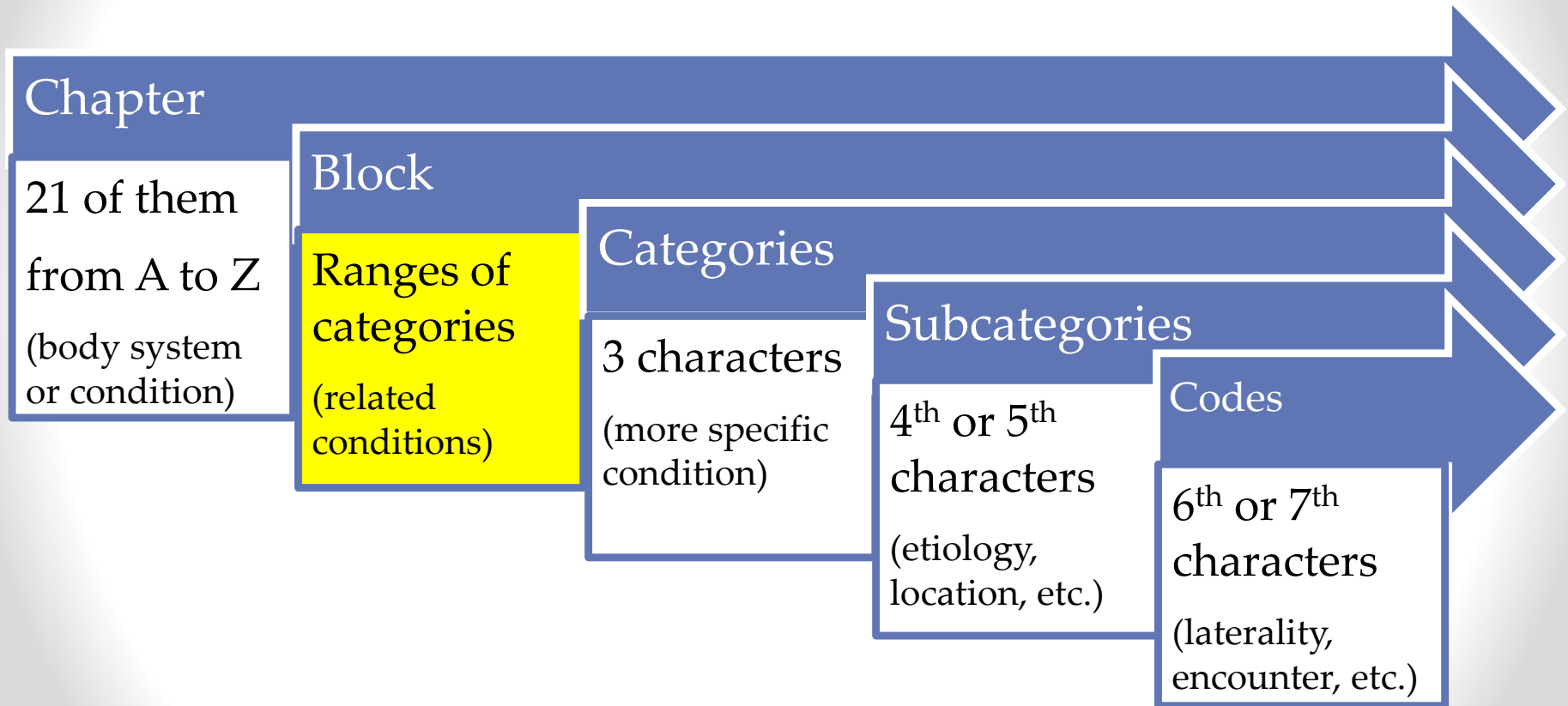
Tabular List

Chapter: 8, Diseases of the ear and mastoid process (H60-H95)

(always white font in a black box)



Tabular list layout



8. Diseases of the ear and mastoid process (H60-H95)

Notes:

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

Excludes2:

- 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)

See Guidelines:

- 1;C.20.a.1
- 4;B

DISEASES OF EXTERNAL EAR (H60-H62)

H60- OTITIS EXTERNA

H60.5- Acute noninfective otitis externa

H60.50- Unspecified acute noninfective otitis externa
Acute otitis externa NOS

- H60.501 Right ear**
- H60.502 Left ear**
- H60.503 Bilateral**
- H60.509 Unspecified ear**

H60.59- Other noninfective acute otitis externa

- H60.591 Right ear**
- H60.592 Left ear**
- H60.593 Bilateral**
- H60.599 Unspecified ear**

H61- OTHER DISORDERS OF EXTERNAL EAR

H61.2- Impacted cerumen
Wax in ear

- H61.20 Unspecified ear**
- H61.21 Right ear**
- H61.22 Left ear**
- H61.23 Bilateral**

DISEASES OF MIDDLE EAR AND MASTOID (H65-H75)

H65- NONSUPPURATIVE OTITIS MEDIA

Includes:

nonsuppurative otitis media with myringitis

Use *additional* code for any associated perforated tympanic membrane (H72.-)

code to identify:

- exposure to environmental tobacco smoke (Z77.22)
- exposure to tobacco smoke in the perinatal period (P96.81)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

H65.0- Acute serous otitis media

Acute and subacute serous otitis

- H65.00 Unspecified ear**
- H65.01 Right ear**
- H65.02 Left ear**
- H65.03 Bilateral**
- H65.04 Recurrent, right ear**
- H65.05 Recurrent, left ear**
- H65.06 Recurrent, bilateral**
- H65.07 Recurrent, unspecified ear**

H65.1- Other acute nonsuppurative otitis media

Excludes1:

- otitic barotrauma (T70.0)
- otitis media (acute) NOS (H66.9)

H65.19- Other acute nonsuppurative otitis media

Acute and subacute mucoid otitis media
Acute and subacute nonsuppurative otitis media NOS
Acute and subacute sanguinous otitis media
Acute and subacute seromucinous otitis media

- H65.191 Right ear**
- H65.192 Left ear**
- H65.193 Bilateral**
- H65.194 Recurrent, right ear**
- H65.195 Recurrent, left ear**
- H65.196 Recurrent, bilateral**
- H65.197 Recurrent, unspecified ear**
- H65.199 Unspecified ear**

H65.2- Chronic serous otitis media

Chronic tubotympanic catarrh

- H65.20 Unspecified ear**
- H65.21 Right ear**
- H65.22 Left ear**
- H65.23 Bilateral**

H65.4- Other chronic nonsuppurative otitis media

H65.49- Other chronic nonsuppurative otitis media
Chronic exudative otitis media
Chronic nonsuppurative otitis media NOS
Chronic otitis media with effusion (nonpurulent)
Chronic seromucinous otitis media

- H65.491 Right ear**
- H65.492 Left ear**
- H65.493 Bilateral**
- H65.499 Unspecified ear**

H65.9- Unspecified nonsuppurative otitis media

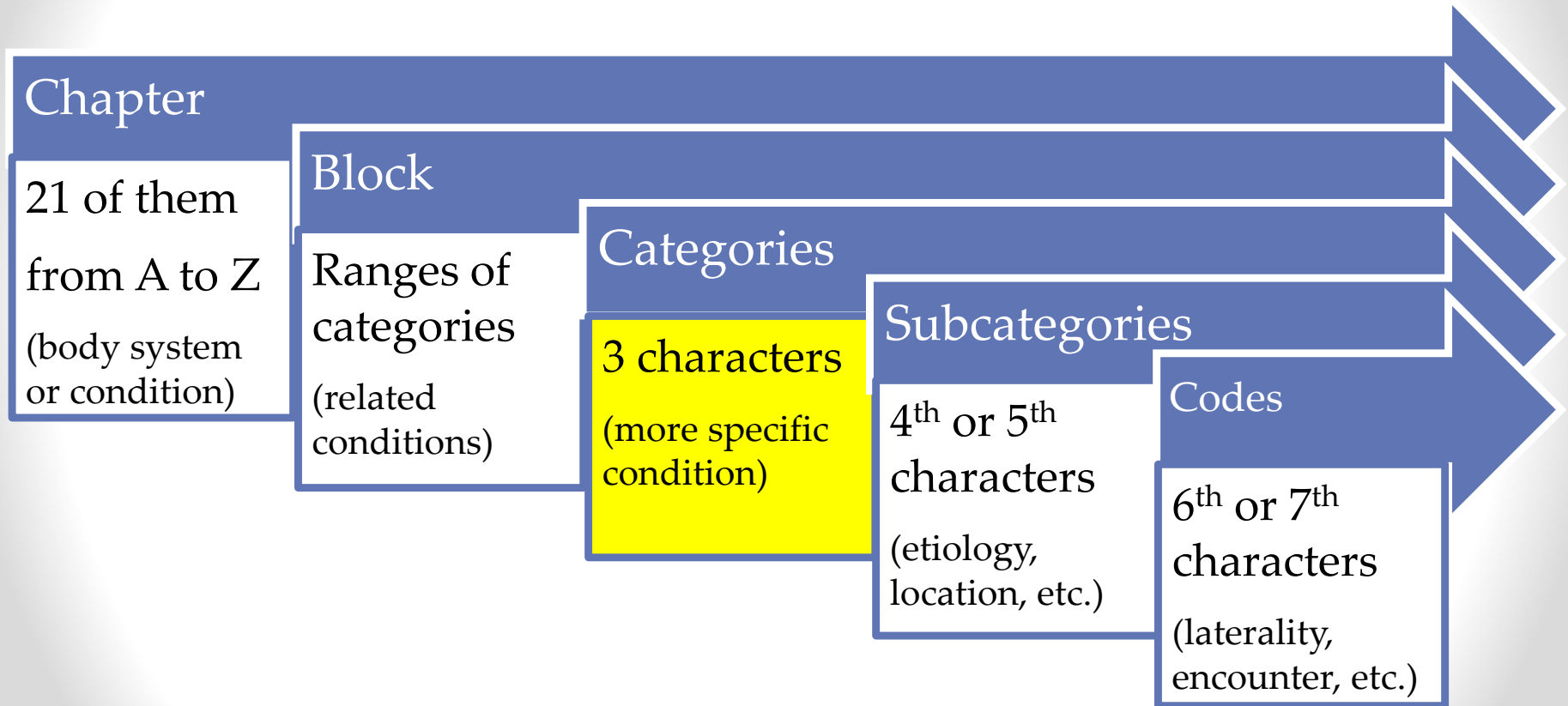
Tabular List

Block: Diseases of Middle Ear and Mastoid (H65-H75)

(Always bold CAPS, lined above and below)



Tabular list layout



8. Diseases of the ear and mastoid process (H60-H95)

Notes:

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

Excludes2:

- certain conditions originating in the perinatal period (P00-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)

See Guidelines:

1.C.20.a.1
4:8

Use additional code for any associated perforated tympanic membrane (H72.-)

code to identify:

- exposure to environmental tobacco smoke (Z77.22)
- exposure to tobacco smoke in the perinatal period (P96.81)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

- H65.0- Acute serous otitis media
 - Acute and subacute secretory otitis
 - H65.00 Unspecified ear**
 - H65.01 Right ear**
 - H65.02 Left ear**
 - H65.03 Bilateral**
 - H65.04 Recurrent, right ear**
 - H65.05 Recurrent, left ear**
 - H65.06 Recurrent, bilateral**
 - H65.07 Recurrent, unspecified ear**
- H65.1- Other acute nonsuppurative otitis media
 - Excludes1:**
 - otic barotrauma (T70.0)
 - otitis media (acute) NOS (H66.9)
 - H65.19- Other acute nonsuppurative otitis media
 - Acute and subacute mucoid otitis media
 - Acute and subacute nonsuppurative otitis media NOS
 - Acute and subacute sanguinous otitis media
 - Acute and subacute seromucinous otitis media
 - H65.191 Right ear**
 - H65.192 Left ear**
 - H65.193 Bilateral**
 - H65.194 Recurrent, right ear**
 - H65.195 Recurrent, left ear**
 - H65.196 Recurrent, bilateral**
 - H65.197 Recurrent, unspecified ear**
 - H65.199 Unspecified ear**
- H65.2- Chronic serous otitis media
 - Chronic tubotympanic catarrh
 - H65.20 Unspecified ear**
 - H65.21 Right ear**
 - H65.22 Left ear**
 - H65.23 Bilateral**
- H65.4- Other chronic nonsuppurative otitis media
- H65.49- Other chronic nonsuppurative otitis media
 - Chronic exudative otitis media
 - Chronic nonsuppurative otitis media NOS
 - Chronic otitis media with effusion (nonpurulent)
 - Chronic seromucinous otitis media
 - H65.491 Right ear**
 - H65.492 Left ear**
 - H65.493 Bilateral**
 - H65.499 Unspecified ear**
- H65.9- Unspecified nonsuppurative otitis media

Tabular List

Category: H65.- Nonsuppurative Otitis Media

(Always all CAPS, with a line above. A hyphen indicates an incomplete code)

DISEASES OF EXTERNAL EAR (H60-H62)

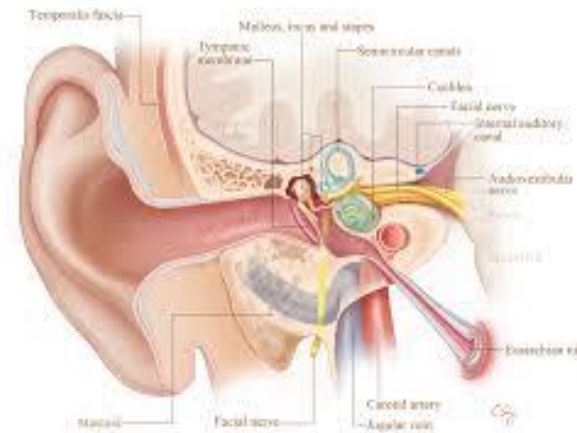
- H60- OTITIS EXTERNA
 - H60.5- Acute noninfective otitis externa
 - H60.50- Unspecified acute noninfective otitis externa
 - Acute otitis externa NOS
 - H60.501 Right ear**
 - H60.502 Left ear**
 - H60.503 Bilateral**
 - H60.509 Unspecified ear**
 - H60.59- Other noninfective acute otitis externa
 - H60.591 Right ear**
 - H60.592 Left ear**
 - H60.593 Bilateral**
 - H60.599 Unspecified ear**
- H61- OTHER DISORDERS OF EXTERNAL EAR
 - H61.2- Impacted cerumen
 - Wax in ear
 - H61.20 Unspecified ear**
 - H61.21 Right ear**
 - H61.22 Left ear**
 - H61.23 Bilateral**

DISEASES OF MIDDLE EAR AND MASTOID (H65-H75)

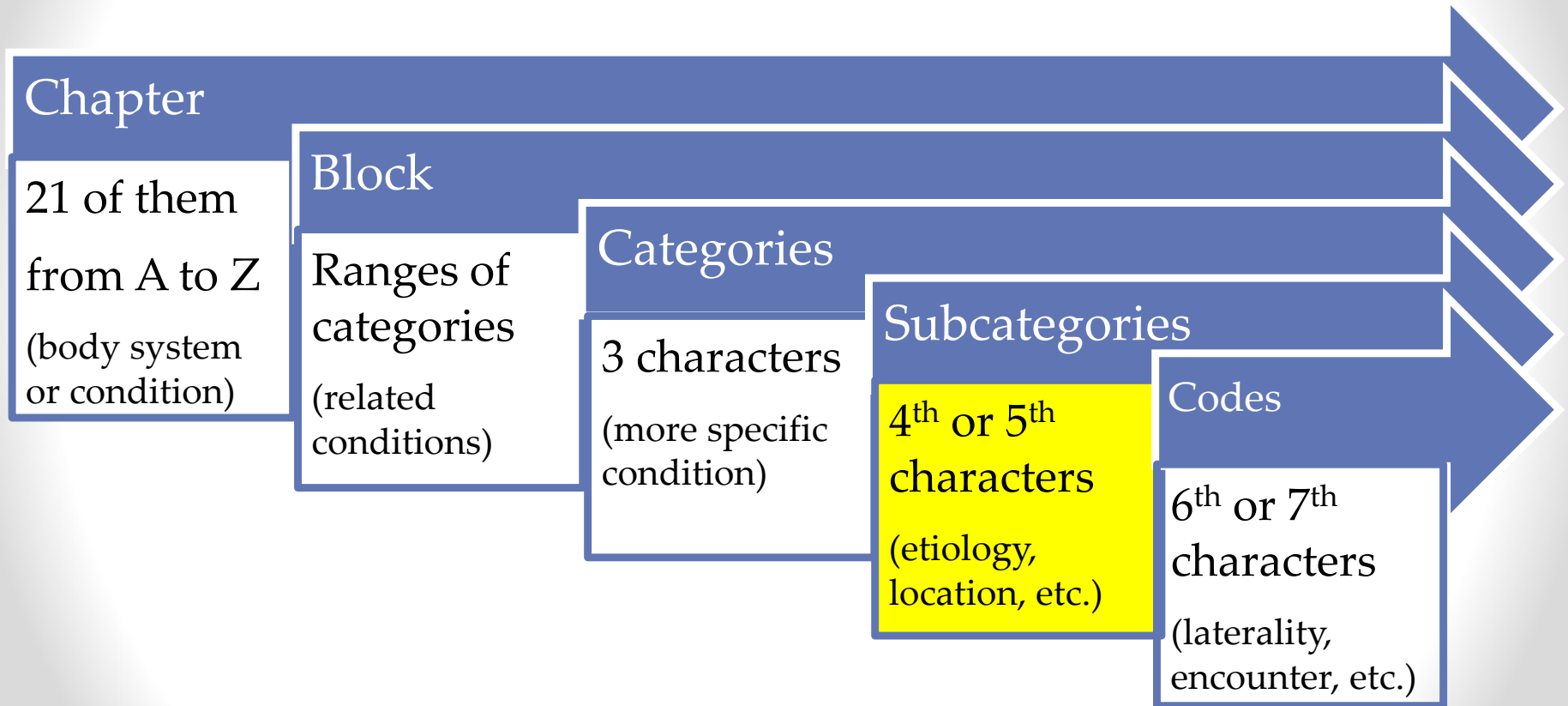
H65- NONSUPPURATIVE OTITIS MEDIA

Includes:

nonsuppurative otitis media with myringitis



Tabular list layout



8. Diseases of the ear and mastoid process (H60-H95)

Notes:

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

Excludes2:

- 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)

See Guidelines:

- 1; C.20.a.1
- 4; B

DISEASES OF EXTERNAL EAR (H60-H62)

H60- OTITIS EXTERNA

- H60.5- Acute noninfective otitis externa
 - H60.50- Unspecified acute noninfective otitis externa
 - Acute otitis externa NOS
 - H60.501 Right ear**
 - H60.502 Left ear**
 - H60.503 Bilateral**
 - H60.509 Unspecified ear**
 - H60.59- Other noninfective acute otitis externa
 - H60.591 Right ear**
 - H60.592 Left ear**
 - H60.593 Bilateral**
 - H60.599 Unspecified ear**

H61- OTHER DISORDERS OF EXTERNAL EAR

- H61.2- Impacted cerumen
 - Wax in ear
 - H61.20 Unspecified ear**
 - H61.21 Right ear**
 - H61.22 Left ear**
 - H61.23 Bilateral**

DISEASES OF MIDDLE EAR AND MASTOID (H65-H75)

H65- NONSUPPURATIVE OTITIS MEDIA

Includes:

nonsuppurative otitis media with myringitis

Use additional code for any associated perforated tympanic membrane (H72.-)

code to identify:

- exposure to environmental tobacco smoke (Z77.22)
- exposure to tobacco smoke in the perinatal period (P96.81)
- history of tobacco use (Z87.891)
- occupational exposure to environmental tobacco smoke (Z57.31)
- tobacco dependence (F17.-)
- tobacco use (Z72.0)

- H65.0- Acute serous otitis media
 - Acute and subacute secretory otitis
 - H65.00 Unspecified ear**
 - H65.01 Right ear**
 - H65.02 Left ear**
 - H65.03 Bilateral**
 - H65.04 Recurrent, right ear**
 - H65.05 Recurrent, left ear**
 - H65.06 Recurrent, bilateral**
 - H65.07 Recurrent, unspecified ear**
- H65.1- Other acute nonsuppurative otitis media
 - Excludes1:**
 - otitic barotrauma (T70.0)
 - otitis media (acute) NOS (H66.9)
 - H65.19- Other acute nonsuppurative otitis media
 - Acute and subacute mucoid otitis media
 - Acute and subacute nonsuppurative otitis media NOS
 - Acute and subacute sanguinous otitis media
 - Acute and subacute seromucinous otitis media
 - H65.191 Right ear**
 - H65.192 Left ear**
 - H65.193 Bilateral**
 - H65.194 Recurrent, right ear**
 - H65.195 Recurrent, left ear**
 - H65.196 Recurrent, bilateral**
 - H65.197 Recurrent, unspecified ear**
 - H65.199 Unspecified ear**
- H65.2- Chronic serous otitis media
 - Chronic tubotympanic catarrh
 - H65.20 Unspecified ear**
 - H65.21 Right ear**
 - H65.22 Left ear**
 - H65.23 Bilateral**
- H65.4- Other chronic nonsuppurative otitis media
 - H65.49- Other chronic nonsuppurative otitis media
 - Chronic exudative otitis media
 - Chronic nonsuppurative otitis media NOS
 - Chronic otitis media with effusion (nonpurulent)
 - Chronic seromucinous otitis media
 - H65.491 Right ear**
 - H65.492 Left ear**
 - H65.493 Bilateral**
 - H65.499 Unspecified ear**
- H65.9- Unspecified nonsuppurative otitis media

Tabular List

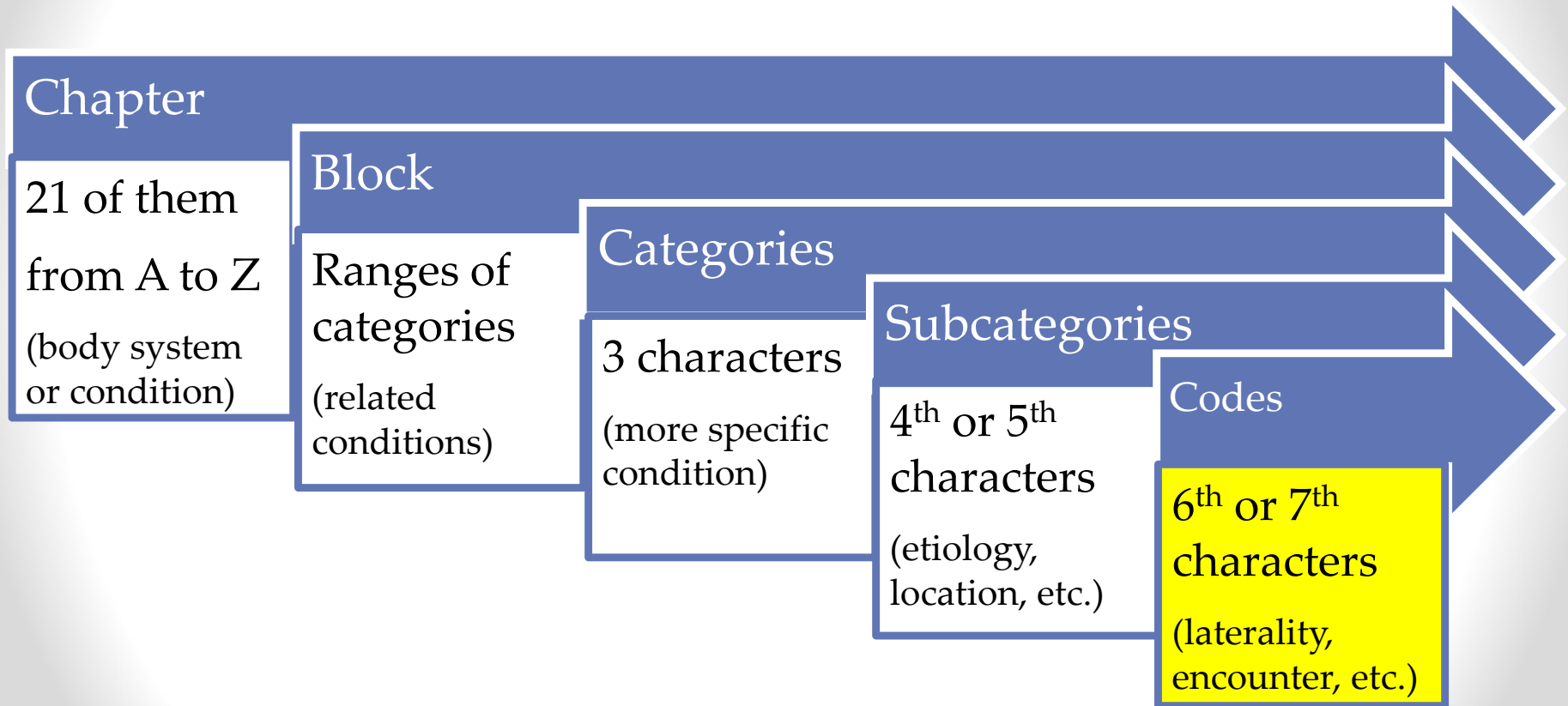
Subcategory:

H65.0-Acute serous otitis media Acute & subacute secretory otitis

(Codes with a hyphen are incomplete)



Tabular list layout



Note: Codes may be complete with fewer than 6 characters. Some codes only have 3.

8. Diseases of the ear and mastoid process (H60-H95)

Notes:

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

Excludes2:

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)

See Guidelines:

1; C.20.a.1
 4B

DISEASES OF EXTERNAL EAR (H60-H62)

H60- OTITIS EXTERNA

H60.5- Acute noninfective otitis externa

H60.50- Unspecified acute noninfective otitis externa
 Acute otitis externa NOS

H60.501 Right ear

H60.502 Left ear

H60.503 Bilateral

H60.509 Unspecified ear

H60.59- Other noninfective acute otitis externa

H60.591 Right ear

H60.592 Left ear

H60.593 Bilateral

H60.599 Unspecified ear

H61- OTHER DISORDERS OF EXTERNAL EAR

H61.2- Impacted cerumen
 Wax in ear

H61.20 Unspecified ear

H61.21 Right ear

H61.22 Left ear

H61.23 Bilateral

DISEASES OF MIDDLE EAR AND MASTOID (H65-H75)

H65- NONSUPPURATIVE OTITIS MEDIA

Includes:

nonsuppurative otitis media with myringitis

Use additional code for any associated perforated tympanic membrane (H72.-)

code to identify:

exposure to environmental tobacco smoke (Z77.22)

exposure to tobacco smoke in the perinatal period (P96.81)

history of tobacco use (Z87.891)

occupational exposure to environmental tobacco smoke (Z57.31)

tobacco dependence (F17.-)

tobacco use (Z72.0)

H65.0- Acute serous otitis media

Acute and subacute serous otitis

H65.00 Unspecified ear

H65.01 Right ear

H65.02 Left ear

H65.03 Bilateral

H65.04 Recurrent, right ear

H65.05 Recurrent, left ear

H65.06 Recurrent, bilateral

H65.07 Recurrent, unspecified ear

H65.1- Other acute nonsuppurative otitis media

Excludes1:

otitic barotrauma (T70.0)

otitis media (acute) NOS (H66.9)

H65.19- Other acute nonsuppurative otitis media

Acute and subacute mucoid otitis media

Acute and subacute nonsuppurative otitis media NOS

Acute and subacute sanguinous otitis media

Acute and subacute seromucinous otitis media

H65.191 Right ear

H65.192 Left ear

H65.193 Bilateral

H65.194 Recurrent, right ear

H65.195 Recurrent, left ear

H65.196 Recurrent, bilateral

H65.197 Recurrent, unspecified ear

H65.199 Unspecified ear

H65.2- Chronic serous otitis media

Chronic tubotympanic catarrh

H65.20 Unspecified ear

H65.21 Right ear

H65.22 Left ear

H65.23 Bilateral

H65.4- Other chronic nonsuppurative otitis media

H65.49- Other chronic nonsuppurative otitis media

Chronic exudative otitis media

Chronic nonsuppurative otitis media NOS

Chronic otitis media with effusion (nonpurulent)

Chronic seromucinous otitis media

H65.491 Right ear

H65.492 Left ear

H65.493 Bilateral

H65.499 Unspecified ear

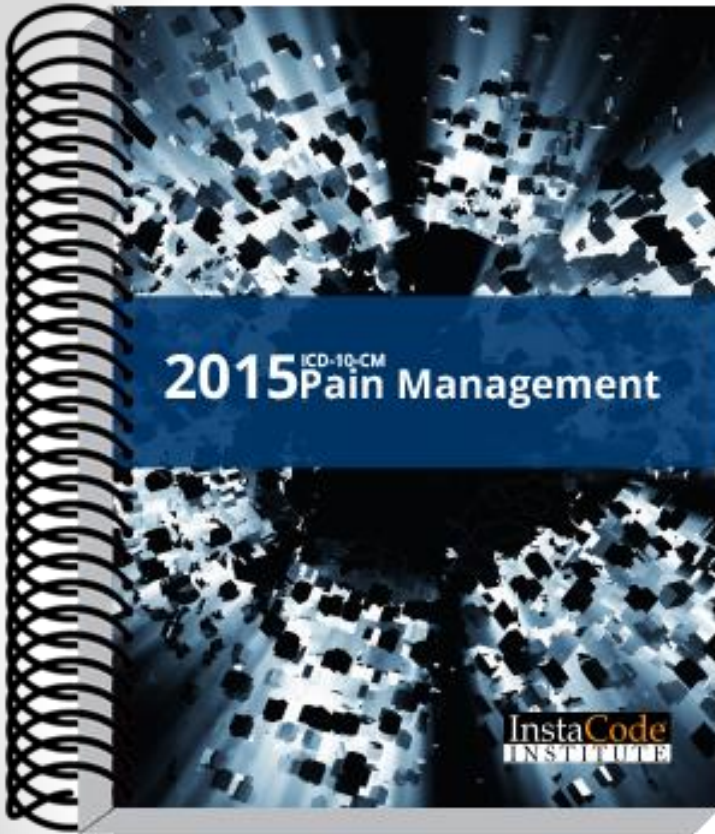
H65.9- Unspecified nonsuppurative otitis media

Tabular List

Highest specificity code:
H65.06 *Recurrent acute serous otitis media, bilateral*

(Complete codes are **bolded**.)
 Note: Approximately 40% of the new codes are due to laterality.





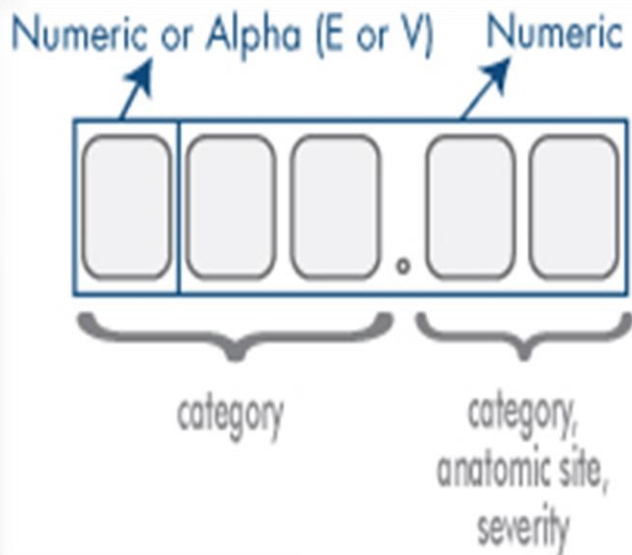
34 specialty specific ICD-10 books

- more than 70 pages which teach
 - Conventions
 - Guidelines
 - Implementation steps
 - Documentation strategies
 - Provider Documentation Guides
- Specialty specific
 - GEMs mapping
 - Alpha Index
 - Abridged Tabular List

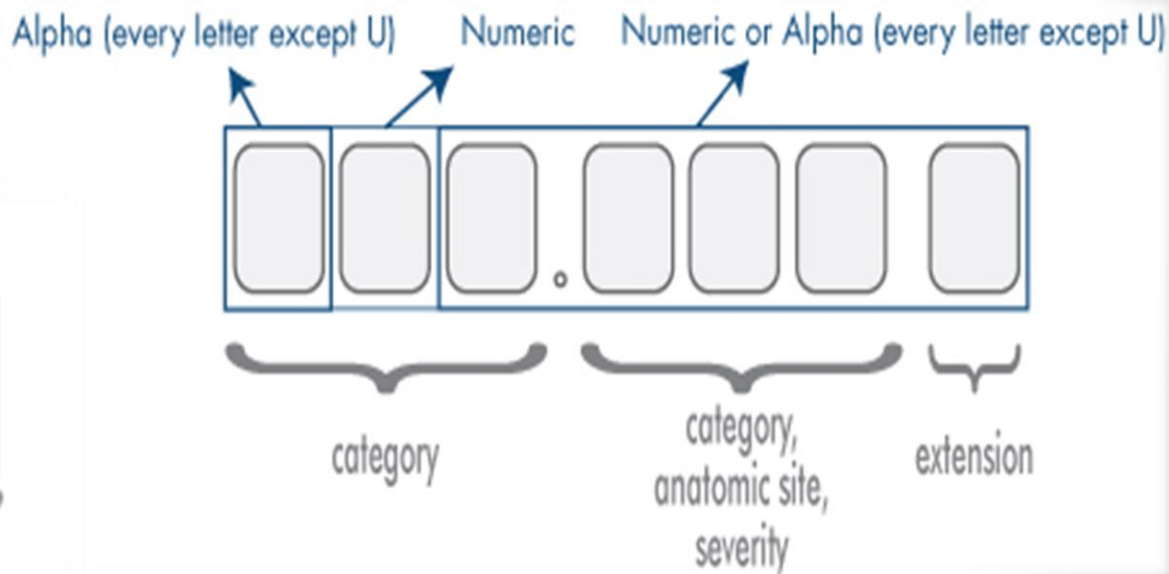
InstaCode
INSTITUTE

Differences

ICD-9

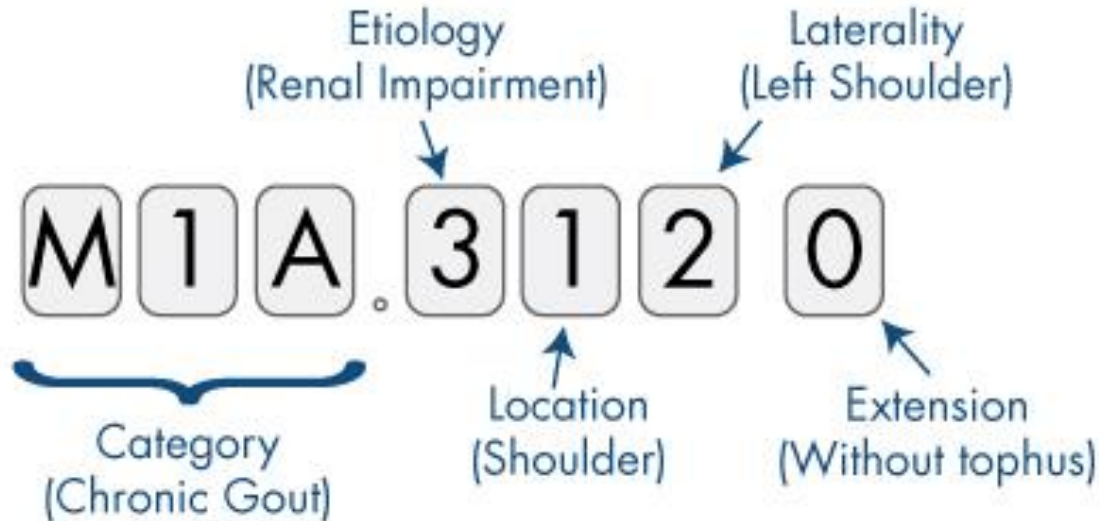


ICD-10



Note: "oh = O" and "zero = 0"

ICD-10 example



ICD-10-CM code for *chronic gout due to renal impairment, left shoulder, without tophus*.

Note: there are 11 gout codes in ICD-9 and 365 in ICD-10

ICD-10 detail

In ICD-9: **E844.8**

Sucked into jet without accident to aircraft; ground crew



ICD-10 detail

In ICD-10: V97.3

Person on ground injured in air transport accident;



ICD-10 detail

In ICD-10: V97.33

*Person on ground injured in air transport accident;
sucked into jet engine*



ICD-10 detail

In ICD-10: **V97.33&**

*Person on ground injured in air transport accident;
sucked into jet engine, male;*



ICD-10 detail

In ICD-10: **V97.33** & **♂**

*Person on ground injured in air transport accident;
sucked into jet engine, male; under 5'5" in height;*



ICD-10 detail

In ICD-10: **V97.33** & **μ#**

*Person on ground injured in air transport accident;
sucked into jet engine, male; under 5'5" in height;
slightly bald;*



ICD-10 detail

In ICD-10: **V97.33** & **μ#** \$

*Person on ground injured in air transport accident;
sucked into jet engine, male; under 5'5" in height;
slightly bald; wearing a jump suit;*



ICD-10 detail

In ICD-10: V97.33 & H# \$€

*Person on ground injured in air transport accident;
sucked into jet engine, male; under 5'5" in height;
slightly bald; wearing a jump suit; during a full
moon*



Example

Patient is a 47 year old Hispanic male who was involved in a car accident. Examination and x-rays reveal a displaced comminuted open Gustilo type IIIA fracture of the shaft of the right femur. Initial encounter.



ICD-10 Anatomy and Terminology

1. Find an ICD-10 category (three characters) you will frequently use
2. Look for unfamiliar terms in instructional notes in the Tabular List
3. Look for unfamiliar terms in the seventh character instructions
4. List out the fourth character descriptions and note unfamiliar terms
5. List out the fifth character description for each four-character subcategory and note unfamiliar terms
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S72- FRACTURE OF FEMUR

Notes:

A fracture not indicated as **displaced** or **nondisplaced** should be coded to displaced

A fracture not indicated as **open** or **closed** should be coded to closed

The open fracture designations are based on the **Gustilo** open fracture classification

Excludes1:

traumatic amputation of hip and thigh (S78.-)

Excludes2:

fracture of lower leg and ankle (S82.-)

fracture of foot (S92.-)

periprosthetic fracture of prosthetic implant of hip (T84.040, T84.041)

The appropriate 7th character is to be added to all codes from category S72

A - initial encounter for closed fracture

B - initial encounter for open fracture type I or II

C - initial encounter for open fracture type IIIA, IIIB, or IIIC

D - subsequent encounter for closed fracture with routine healing

E - subsequent encounter for open fracture type I or II with routine healing

Category Instructional Notes

- Displaced = The bone is broken into pieces that don't align.
- Non-displaced = The bone is broken into pieces that can be aligned in place.
- Open = the ends of the broken bone tear the skin
- Closed = the broken bone does not break the skin



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The appropriate 7th character is to be added to all codes from category S72

- A - initial encounter for closed fracture
- B - initial encounter for open fracture type I or II
- C - initial encounter for open fracture type IIIA, IIIB, or IIIC
- D - subsequent encounter for closed fracture with routine healing
- E - subsequent encounter for open fracture type I or II with routine healing
- F - subsequent encounter for open fracture type IIIA, IIIB, or IIIC with routine healing
- G - subsequent encounter for closed fracture with delayed healing
- H - subsequent encounter for open fracture type I or II with delayed healing
- J - subsequent encounter for open fracture type IIIA, IIIB, or IIIC with delayed healing
- K - subsequent encounter for closed fracture with nonunion
- M - subsequent encounter for open fracture type I or II with nonunion
- N - subsequent encounter for open fracture type IIIA, IIIB, or IIIC with nonunion
- P - subsequent encounter for closed fracture with malunion
- Q - subsequent encounter for open fracture type I or II with malunion
- R - subsequent encounter for open fracture type IIIA, IIIB, or IIIC with malunion
- S - sequela

7th character

Seventh character =

- Was it **initial** (A,B, C), **subsequent** (D-R), or **sequela** (S)?
- Was it **closed** or **open**?
- Was it Gustilo **Type I, II** or Gustilo **Type III**?
- Was healing **routine** or **delayed**, **nonunion**, or **malunion**?

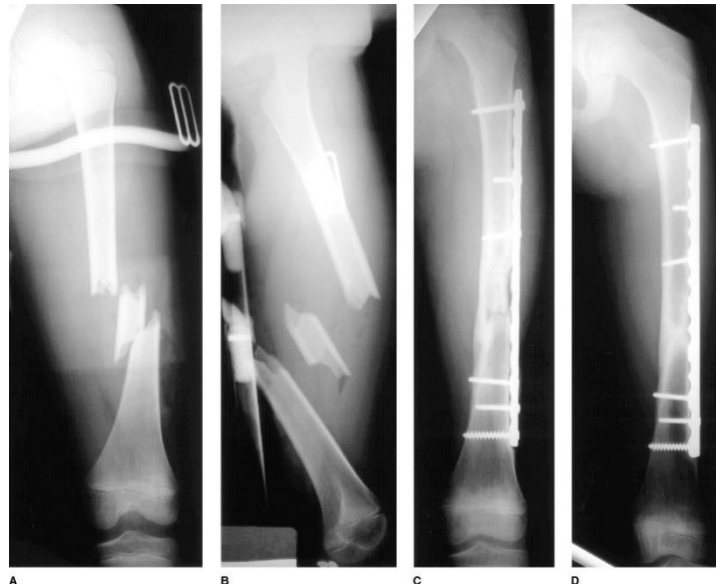
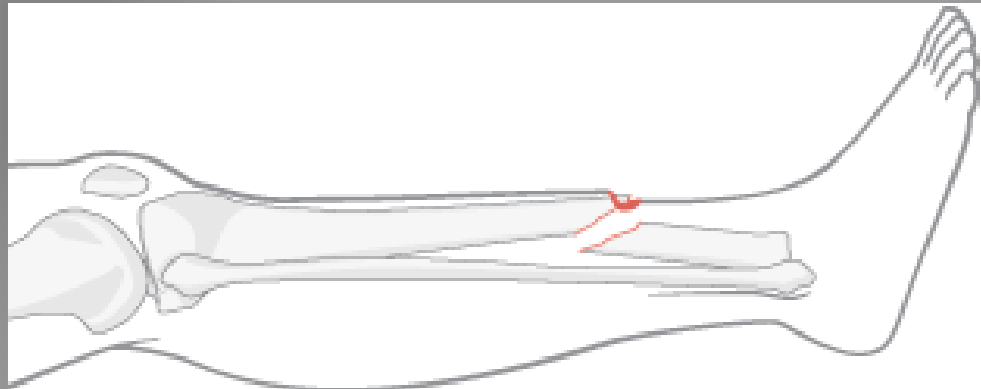
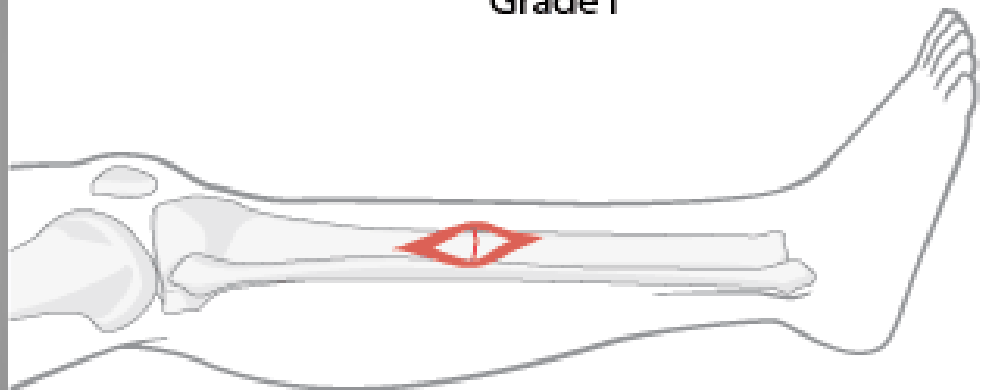
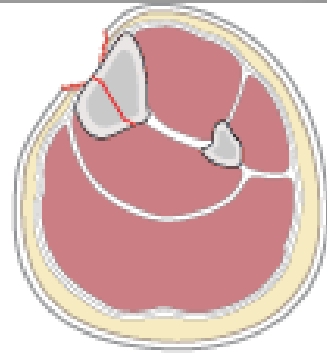


TABLE 1. Open Fractures—Gustilo Classification^{1,2}

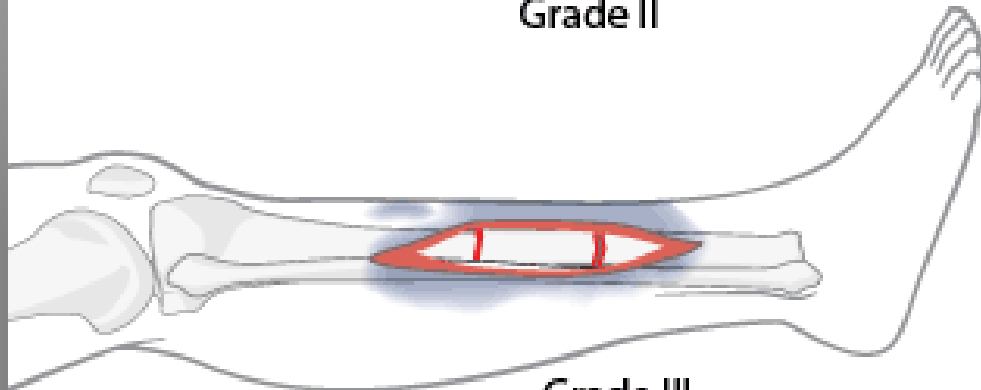
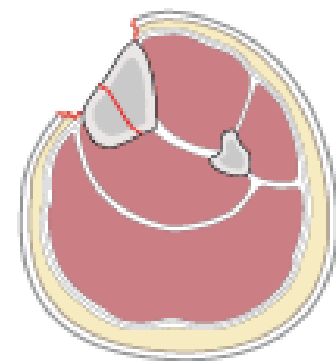
Type I	Open fracture with a skin wound <1 cm in length and clean.
Type II	Open fracture with a laceration >1 cm in length without extensive soft tissue damage, flaps, or avulsions.
Type III	Open segmental fracture with >10 cm wound with extensive soft tissue injury or a traumatic amputation (special categories in Type III include gunshot fractures and open fractures caused by farm injuries).
III _A	Adequate soft tissue coverage.
III _B	Significant soft tissue loss with exposed bone that requires soft tissue transfer to achieve coverage.
III _C	Associated vascular injury that requires repair for limb preservation.



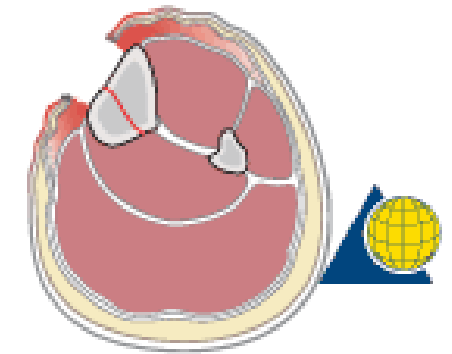
Grade I

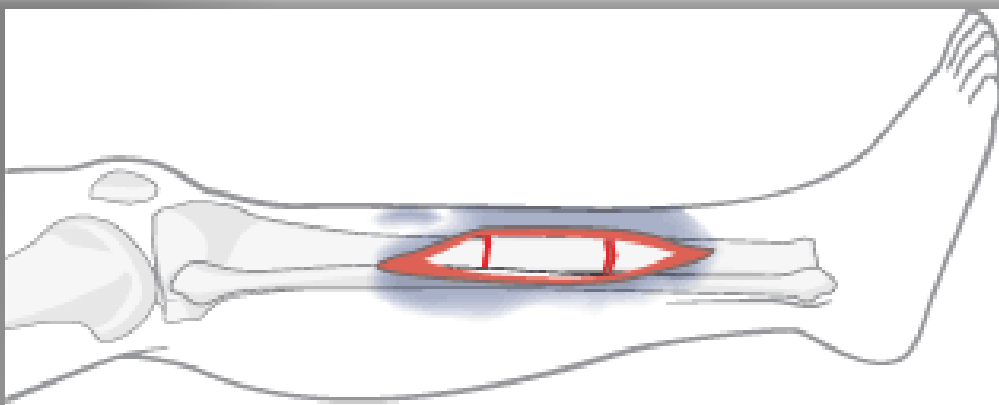


Grade II

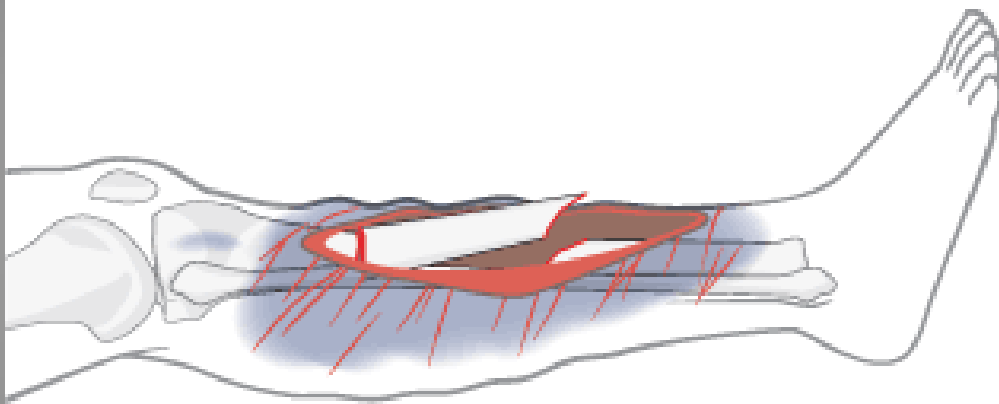
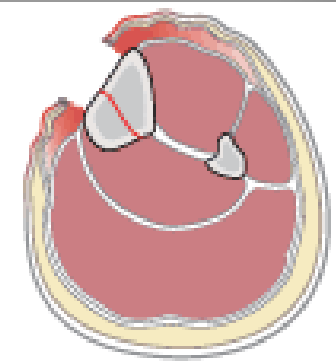


Grade III

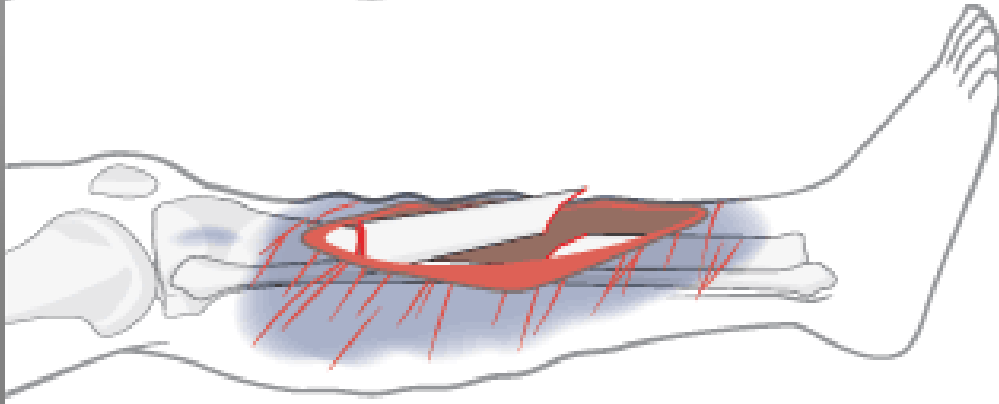
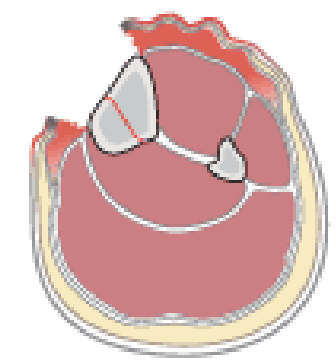




IIIA



IIIB



IIIC

...plus major arterial injury
requiring vessel reconstruction



ICD-10 Anatomy and Terminology

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S72.0 **Head and neck**
Excludes2:
physeal fracture of upper end of femur

S72.1 **Pertrochanteric**
S72.10 Unspecified trochanteric fracture
Fracture of trochanter NOS
ICD-9≈ 820.20 Trochanteric fx NOS-closed

S72.2 **Subtrochanteric**
ICD-9≈ 820.22 Subtrochanteric fx-closed

S72.21x **Displaced right**

S72.3 **Shaft of femur**
S72.30 Unspecified fracture
ICD-9≈ 821.01 Fx femur shaft-closed

S72.4 **Lower end** of femur
Fracture of distal end of femur
Excludes2:
fracture of shaft of femur (S72.3-)
physeal fracture of lower end of femur (S72.0-)

S72.8 **Other** fracture of femur
ICD-9≈ 821.00 Fx femur NOS-closed

S72.8x1 **Right femur**

S72.8x2 **Left femur**

S72.8x9 **Unspecified femur**

S72.9 **Unspecified** fracture
Fracture of thigh NOS
Fracture of upper leg NOS
Excludes1:
fracture of hip NOS (S72.00-, S72.01-)

4th character



- S72- Fracture of femur*
- *S72.0- Head and neck*
 - *S72.1- Pertrochanteric*
 - *S72.2- Subtrochanteric*
 - *S72.3- Shaft of femur*
 - *S72.4- lower end of femur*
 - *S72.8- Other fracture of femur*
 - *S72.9- Unspecified*

4th character = location

ICD-10 Anatomy and Terminology

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S72.3- Shaft of femur

S72.30_ Unspecified fracture

ICD-9≈ 821.81 Fx femur shaft-closed

S72.301_ Right femur

S72.302_ Left femur

S72.309_ Unspecified femur

S72.32_ Transverse fracture

ICD-9≈ 821.81 Fx femur shaft-closed

S72.321_ Displaced right

S72.322_ Displaced left

S72.323_ Displaced unspecified

S72.324_ Nondisplaced right

S72.325_ Nondisplaced left

S72.326_ Nondisplaced unspecified

S72.33 **Oblique** fracture

ICD-9= 821.81 Fx femur shaft-closed

S72.331_ Displaced right

S72.332_ Displaced left

S72.333_ Displaced unspecified

S72.334_ Nondisplaced right

S72.335_ Nondisplaced left

S72.336_ Nondisplaced unspecified

S72.34 **Spiral** fracture

ICD-9= 821.81 Fx femur shaft-closed

S72.341_ Displaced right

S72.342_ Displaced left

S72.343_ Displaced unspecified

S72.344_ Nondisplaced right

S72.345_ Nondisplaced left

S72.346_ Nondisplaced unspecified

S72.35 **Comminuted** fracture

ICD-9≈ 821.81 Fx femur shaft-closed

S72.351_ Displaced right

S72.352_ Displaced left

S72.353_ Displaced unspecified

S72.354_ Nondisplaced right

S72.355_ Nondisplaced left

S72.356_ Nondisplaced unspecified

S72.36 **Segmental** fracture

ICD-9≈ 821.81 Fx femur shaft-closed

S72.361_ Displaced right

S72.362_ Displaced left

S72.363_ Displaced unspecified

S72.364_ Nondisplaced right

S72.365_ Nondisplaced left

S72.366_ Nondisplaced unspecified

S72.39_ Other fracture

5th character

Types of Fractures



S72.3- Shaft of femur

- *S72.30- Unspecified*
- *S72.32- Transverse*
- *S72.33- Oblique*
- *S72.34- Spiral*
- *S72.35- Comminuted*
- *S72.36- Segmental*
- *S72.39- Other*

5th character = type

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S72.35- Comminuted fracture

ICD-9≈ 821.81 Fx femur shaft-closed

- S72.351** Displaced right
- S72.352** Displaced left
- S72.353** Displaced unspecified
- S72.354** Nondisplaced right
- S72.355** Nondisplaced left
- S72.356** Nondisplaced unspecified

S72.36- Segmental fracture

ICD-9≈ 821.81 Fx femur shaft-closed

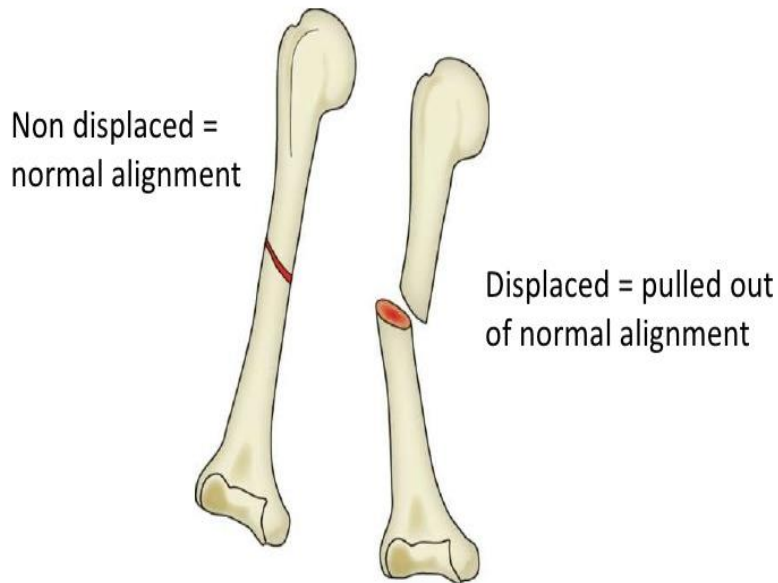
- S72.361_** Displaced right
- S72.362_** Displaced left
- S72.363_** Displaced unspecified
- S72.364_** Nondisplaced right
- S72.365_** Nondisplaced left
- S72.366_** Nondisplaced unspecified

S72.39 Other fracture

6th character

S72.35- Fracture of shaft of femur, comminuted

Displaced and Non displaced



- *S72.351_ Displaced right*
- *S72.352_ Displaced left*
- *S72.353_ Displaced unspecified*
- *S72.354_ Nondisplaced right*
- *S72.355_ Nondisplaced left*
- *S72.356_ Nondisplaced unspecified*

**6th character =
displacement and laterality**



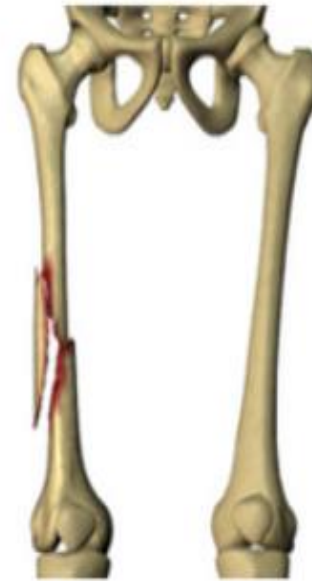
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Before the Compliance Date

821.11

Open fracture of Shaft of Femur

All codes for femur fracture = 16



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After the Compliance Date

S72.351C

Displaced comminuted fracture of shaft of right femur, initial encounter for open fracture type IIIA, IIIB, or IIIC

All codes for femur fracture = 1530

Drawbacks of ICD-9



- Too old
- Many sections are full and cannot be expanded
- Not descriptive enough
- Will not meet healthcare needs of the future

Benefits of ICD-10

Improved efficiencies and lowered administrative costs

- Fewer rejected and improper reimbursement claims
- Decreased demand for submission of medical record documentation
- Increased use of automated tools to facilitate the coding process
- Fewer coding errors
- Increased productivity
- Reduced labor costs



Benefits of ICD-10

- Greater specificity can be achieved because the codes are:
 - alphanumeric
 - up to seven characters long



Why ICD-10?



ICD-9



ICD-10

The background is a solid dark blue color. It features a pattern of faint, light blue icons. These icons include various types of gears (some with teeth, some without) and sunburst or starburst shapes, scattered across the entire surface.

Preparing for ICD-10 with CureMD

CureMD in Numbers



\$120 M

Meaningful Use incentives



100,000+

CureMD users

35+
Specialties



17 M

Patient Portal Users



\$10 B

Claims processed in 2014

What are we doing for ICD-10?

- Level 1: Road to ICD-10 Resource Center, Documentation Readiness Assessment, FAQs
- Level 2: ICD-10 Pitstop, Physician Training Program, Conversion Codes, Role-based Checklist, ICD-10 Project Plan
- Level 3: Ask the Expert, ICD-10 consultancy, CureWiki, ICD-10 Ready software
- Send email at icd10consultants@curemd.com
- For more information call (212) 852 0279 ext 379

Q & A Session



Thank you!