

World Health Organization's International Classification of Diseases and Related Health Problems -10th Edition ICD-10

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- American Psychological Association, Practice Organization
- World Health Organization

Purpose of Presentation

- Describe ICD-10
- Discuss ICD-9, ICD-10 & DSM 5
- Demonstrate ICD-10 and ICD-10-CM
- Introduce ICD-11

Overview

- ICD as an unified diagnostic system
- ICD coding history and significance
- ICD in the US
- ICD-10 description
- ICD-10. Chapter V: Mental and Behavioral Disorders
- Cultural issues in ICD-10
- Coding
- ICD and DSM (ICD-9, ICD-10 and DSM 5)
- Preview of ICD-11

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Globalization of Healthcare & Psychology

- Past – prevalence of U.S. and English language in psychology, focus on mental health only
- Present – expanding beyond the U.S.; internationalization as well as local contexts, expanding to focus on all of healthcare
- Psychology's expansion must still be relevant to localized and practical needs

(Bullock, 2012; Goodheart, 2013)

ICD: Key Facts

- Global healthcare information standard (mortality & morbidity) > 100 countries
- ~ 70% of world's health expenditure (\$3.5 billion) is based ICD
Endorsed by 43 member nations of World Health Assembly (1990).
- Used by WHO member states since 1994
- ***The standard of diagnostic nomenclature***

(Goodheart, 2013; World Health Organization)

ICD: Key Purposes and Applications

- Health management (& policy)
- Epidemiology
- *Clinical purposes*
- *Reimbursement and resource allocation*

World Health Organization

Benefits of ICD-10

- Storage, retrieval, analysis and interpretation of data
- Sharing and comparisons:
 - ✓ Within populations
 - ✓ Between populations
 - ✓ *Compilation of international data*
- Health records
- Tracking and trending of diseases
- ***Better and more descriptive clinical information***



Better healthcare for patients

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Benefits of ICD-10 (cont.)

- More diagnostic opportunities
- Greater level of clinical detail
- Revised descriptions of "diseases" focusing on symptoms and disorders
- Allows space for additional codes and greater specificity
- Better fit for health information technology systems aka electronic health records

(Goodheart, 2013)

Diagnostic Coding

- DSM-IV-TR/5 used by behavioral health providers for diagnostic coding
- DSM-IV-TR/5 (& ICD-9) and ICD-10 codes closely coordinated: frequent *but not always* direct match
- ICD-10 will be the only code permitted for billing on and after October 1, 2015

Meaning...

No ICD-10 = No reimbursement = No practice or profession

National Council for Behavioral Health.
Preparing your organization for ICD-10 Implementation

ICD-10 Limitations: “*There are too many codes*”

- ~ 50% of all ICD-10CM (Clinical Modification) codes are related to the *musculoskeletal system*
- ~ 25% of all ICD-10CM codes are related to *fractures*
- ~ 36% of all ICD-10CM codes are used to distinguish “*right*” vs. “*left*”
- ~ 70% of all charges are made for *only 5% of codes*

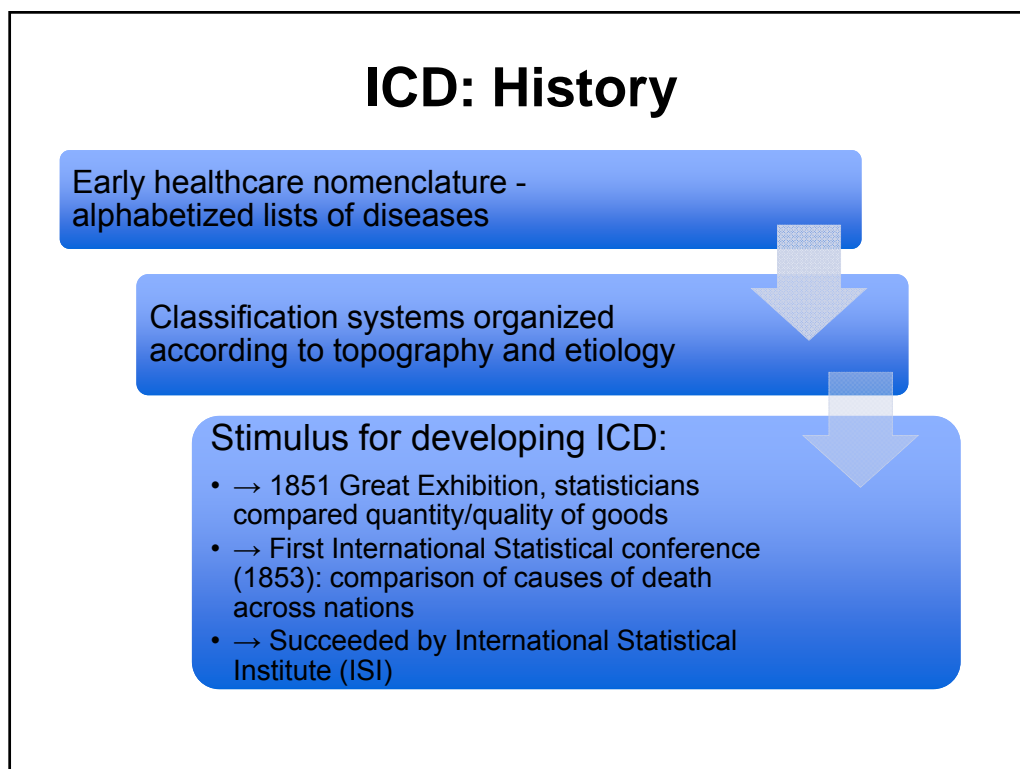
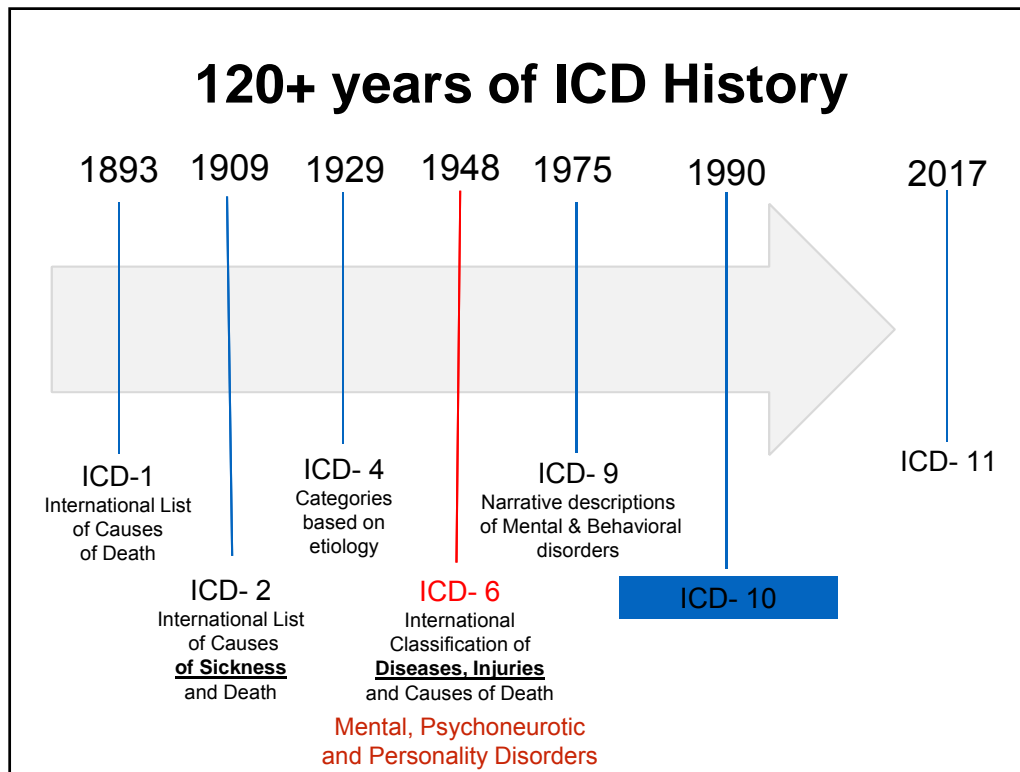


Only a *very small* percentage of the codes will be used by most providers

Health Data Consulting.
ICD-10 Clinical Documentation Requirements

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ICD: History (cont.)

1893 ISI adopted 1st edition of international classification system: ***The International List of Causes of Death***

1899 "Causes of Death" adopted by some American and European countries

New ICD edition approximately every 10 years

ICD-2 1909 (1910-1920) renamed: International Classification of Causes of Sickness and Death

ICD-4 1929 (1930-1938), transfer to categories based on etiology

ICD: History (cont.)

ICD-5 1938 (1939-1948), comparability between successive ICD versions

ICD-6 1948 (1949-1957), WHO entrusted ICD as its criterion: International Classification of Diseases, Injuries, and Causes of Death:

- For the first time included morbidity
- New main category: **Mental, Psychoneurotic, and Personality Disorders**

ICD-8 1965 (1968-1978)
Expanded cross-indexing hospital clinical records

ICD: History (cont.)

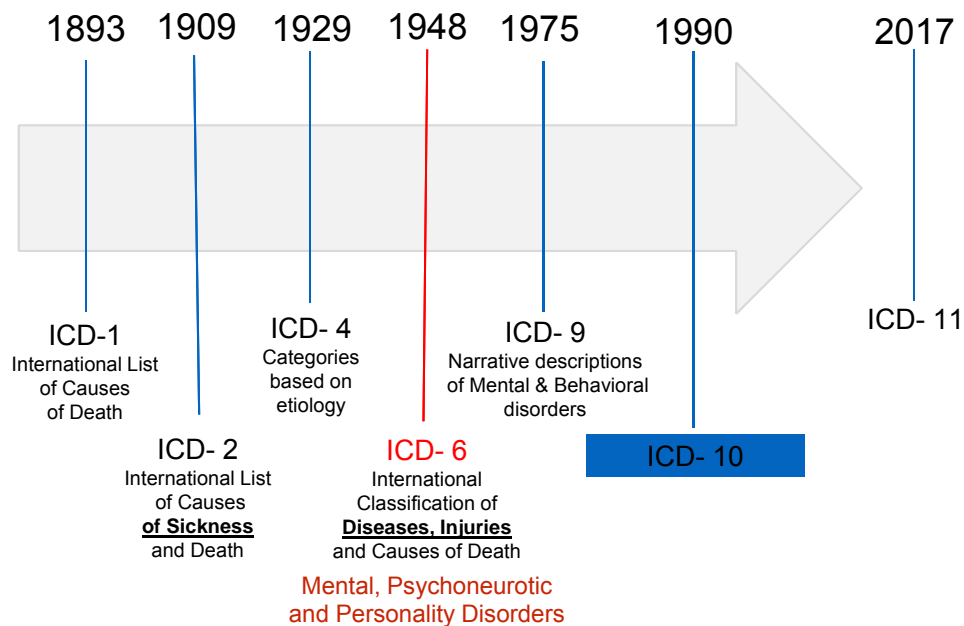
ICD-9 1975 (1979-1994) Included narrative MBD descriptions similar to DSM-II language.

- 1978 refined classification and diagnosis of mental disorders
- 1982 diagnostic instruments and algorithms shaped and refined

ICD-10 1990 (1994-present) 20,000 scientific articles citations

ICD-11 expected 2017

120+ years of ICD History



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ICD Implementation in the US

- 1979 - ICD-9-CM research and health statistics in the US
- 1983 - Reporting healthcare services for reimbursement in the US
- 2013 - US begins using ICD-9-CM
- ICD-9-CM - can not support current needs for health information
- *ICD-10-CM implementation **October 1, 2015***

(Goodheart, 2013)

ICD-10-CM: General Changes and Overall Improvements

- Greater pool of code numbers and diagnoses
- Combinations of codes used for symptom and diagnosis, and etiology and manifestations
- Guidelines to clarify priority of code assignments
- Subcategory titles are complete, no need to read previous codes to understand the meaning

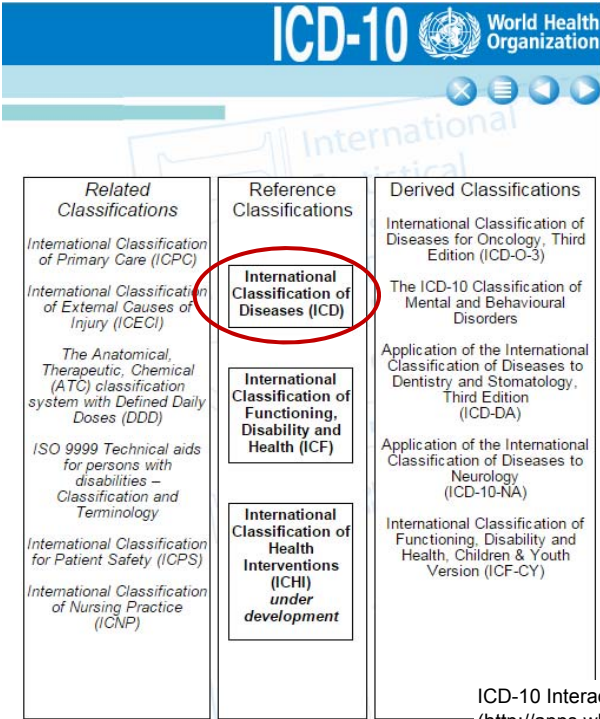
ICD-10-CM: General Changes and Overall Improvements (cont.)

| ICD-9-CM | | ICD-10-CM | |
|---------------------------------------|--------|--------------------------------------|-------|
| ADHD of childhood | 314.0 | ADHD, predominantly inattentive type | F90.0 |
| ADHD without mention of hyperactivity | 314.00 | ADHD, predominantly hyperactive type | F90.1 |
| ADHD with hyperactivity | 314.01 | ADHD, combined type | F90.2 |
| | | ADHD, other type | F90.8 |
| | | ADHD, unspecified type | F90.9 |

Important to note that there is NOT a point to point correspondence between ICD-9 and ICD-10

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ICD-10 World Health Organization

| Related Classifications | Reference Classifications | Derived Classifications |
|--|--|---|
| <i>International Classification of Primary Care (ICPC)</i> <i>International Classification of External Causes of Injury (ICEI)</i> <i>The Anatomical, Therapeutic, Chemical (ATC) classification system with Defined Daily Doses (DDD)</i> <i>ISO 9999 Technical aids for persons with disabilities – Classification and Terminology</i> <i>International Classification for Patient Safety (ICPS)</i> <i>International Classification of Nursing Practice (ICNP)</i> | International Classification of Diseases (ICD) International Classification of Functioning, Disability and Health (ICF) International Classification of Health Interventions (ICHI) under development | <i>International Classification of Diseases for Oncology, Third Edition (ICD-O-3)</i> <i>The ICD-10 Classification of Mental and Behavioural Disorders</i> <i>Application of the International Classification of Diseases to Dentistry and Stomatology, Third Edition (ICD-DA)</i> <i>Application of the International Classification of Diseases to Neurology (ICD-10-NA)</i> <i>International Classification of Functioning, Disability and Health, Children & Youth Version (ICF-CY)</i> |

ICD-10 Interactive Self Learning Tool
[\(http://apps.who.int/classifications/apps/icd/icd10training/\)](http://apps.who.int/classifications/apps/icd/icd10training/)

WHO Family of International Classifications

ICD-10: Brief Overview

- ICD-10 International version
 - ✓ ~12,500 diagnostic codes
 - ✓ Used for mortality reporting in the US – 1999
- ICD-10 – CM (Clinical Modification) - *US version*
 - ✓ ~69,000 diagnostic codes
 - ✓ 22 Chapters
 - ✓ *Chapter 5 – Mental/Behavioral (F01-F99)*

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

ICD-10 Overview of Categories of Diseases

- Communicable diseases
- General diseases that affect the whole body
- Localized diseases arranged by body site
- Developmental diseases
- Injuries
- External causes

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

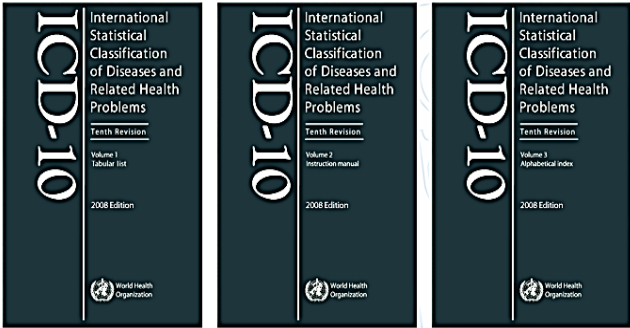
Structure of the Classification and How to Code

ICD-10 World Health Organization

> ICD-10 Structure and principles of the classification

Basics.1.20

Structure and principles of the classification



There are three volumes that comprise the ICD-10:

- Volume 1 – The Tabular List
- Volume 2 – The Instruction Manual
- Volume 3 – The Alphabetical Index

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Structure of the Classification and How to Code

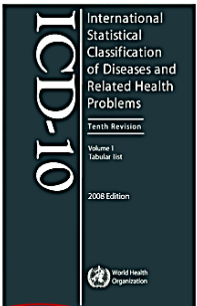
ICD-10 World Health Organization

> ICD-10 Structure and principles of the classification

Basics.1.30

Structure and principles of the classification

Volume 1, the Tabular List, is an alphanumeric listing of diseases, disease groups and health related problems. It contains inclusion and exclusion notes and some coding rules.



Volume 1
The Tabular List

| | |
|--------------|---|
| C03 | Malignant neoplasm of gum <i>Includes:</i> alveolar (ridge) mucosa gingiva <i>Excludes:</i> malignant odontogenic neoplasms (C41.0–C41.1) |
| C03.0 | Upper gum |
| C03.1 | Lower gum |
| C03.9 | Gum, unspecified |
| C04 | Malignant neoplasm of floor of mouth <i>Includes:</i> Anterior floor of mouth Anterior to the premolar-canine junction |
| C04.0 | Anterior floor of mouth Anterior to the premolar-canine junction |

There are 22 chapters in the Tabular List and over 11400 four-character codes.

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Structure of the Classification and How to Code

ICD-10 World Health Organization

> ICD-10 Structure and principles of the classification

Basics 1.40

ICD-10 Structure and principles of the classification

Volume 2, the Instruction Manual, contains an introduction to the classification and instructions regarding how to use the classification to code death certificates, hospital medical records and other forms of health information.

ICD-10 International Statistical Classification of Diseases and Related Health Problems Tenth Revision Volume 2 Instruction manual 2008 Edition World Health Organization

Volume 2 The Instruction Manual

INTERNATIONAL CLASSIFICATION OF DISEASES

3.1.2 Use of the tabular list of inclusions and four-character subcategories

Inclusion terms

Within the three- and four-character rubrics¹, there are usually listed a number of other diagnostic terms. These are known as "inclusion terms" and are given, in addition to the title, as examples of the diagnostic statements to be classified to that rubric. They may refer to different conditions or be synonyms. They are not a subclassification of the rubric.

Inclusion terms are listed primarily as a guide to the content of the rubrics. Many of the items listed relate to important or common terms belonging to the rubric. Others are borderline conditions or sites listed to distinguish the

It specifically contains...

...guidelines for certification and rules for mortality coding (i.e. causes of death)

...guidelines for recording and coding for morbidity data (e.g. hospital statistics).

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Structure of the Classification and How to Code

ICD-10 World Health Organization

> ICD-10 Structure and principles of the classification

Basics 1.50

ICD-10 Structure and principles of the classification

Volume 3, the Alphabetical Index, is an alphabetical list of the diseases and conditions which have codes in the Tabular List.

ICD-10 International Statistical Classification of Diseases and Related Health Problems Tenth Revision Volume 3 Alphabetical index 2008 Edition World Health Organization

Volume 3 The Alphabetical Index

ALPHABETICAL INDEX TO DISEASES AND NATURE OF INJURY

A

Aarskog's syndrome Q87.1

Abandonment T74.0

Abasia(-astasia) (hysterical) F44.4

Abdomen, abdominal - *see also condition*

- acute R10.0

- convulsive equivalent G40.8

- muscle deficiency syndrome Q79.4

Abdominalgia R10.4

Abduction contracture, hip or other joint - *see* Contracture, joint

Abnormal, abnormality—*continued*

- autosomes NEC—*continued*

- fragile site Q95.3

- basal metabolic rate R94.8

- biosynthesis, testicular androgen E29.1

- blood level (of)

- cobalt R79.0

- copper R79.0

- iron R79.0

- lithium R78.8

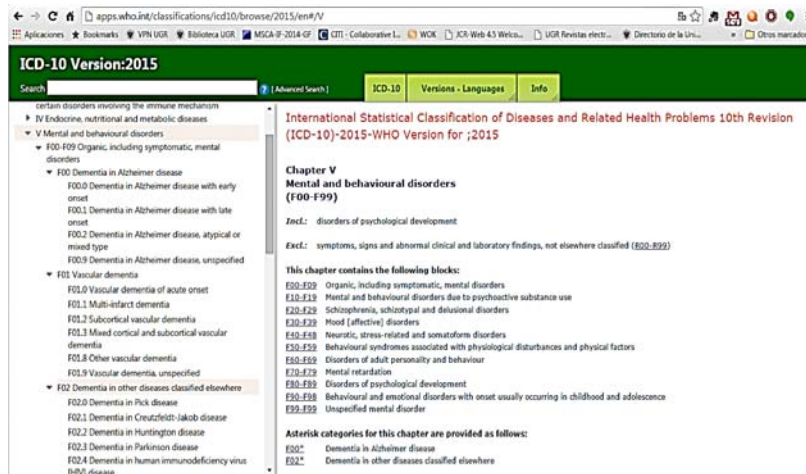
There are more entries in the Index than there are in the Tabular List because some diseases have more than one name and some diseases are grouped under one code.

It also contains:

- guidance on selecting the appropriate codes for many conditions not displayed in the Tabular List
- a Table of Neoplasms
- an Index of external causes of injury
- a Table of drugs and chemicals.

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

ICD-10 Online Browser: Core Codes



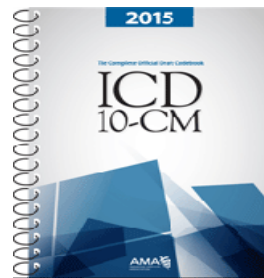
The screenshot shows the ICD-10 Online Browser interface. The left sidebar displays a hierarchical tree of codes, with 'F00-F99 Organic, including symptomatic, mental disorders' expanded. The main content area shows the title 'International Statistical Classification of Diseases and Related Health Problems 10th Revision (ICD-10)-2015-WHO Version for ;2015' and 'Chapter V Mental and behavioural disorders (F00-F99)'. It lists inclusions (Zed.) and exclusions (Excl.) for this chapter, followed by a list of specific blocks (F00-F09, F10-F19, F20-F29, F30-F39, F40-F49, F50-F59, F60-F69, F70-F79, F80-F89, F90-F99) and asterisk categories (F02.0, F02.1, F02.2, F02.3, F02.4).

[ICD-10 Online Browser](http://apps.who.int/classifications/icd10/browse/2015/en/)

(<http://apps.who.int/classifications/icd10/browse/2015/en/>)

CAUTION: A "valid" (billable) code in F chapter includes 4-6 characters including the letter

ICD 10 –CM Online PDF

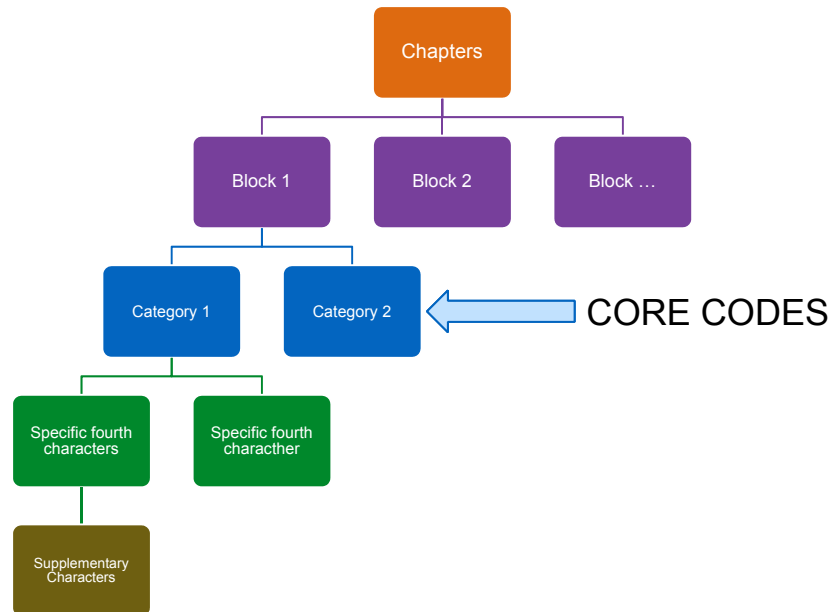


amazon



<http://www.cdc.gov/nchs/icd/icd10cm.htm>

ICD-10 Organization



ICD-10 Interactive Self Learning Tool
[\(http://apps.who.int/classifications/apps/icd/icd10training/\)](http://apps.who.int/classifications/apps/icd/icd10training/)

ICD-10 at a Glance: 22 Chapters

| Chapter # | Chapter Title | Alphab. code |
|-----------|---|--------------|
| I | Certain infectious and parasitic diseases | A,B |
| II | Neoplasms | C,D |
| III | Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism | D |
| IV | Endocrine, nutritional and metabolic diseases | E |
| V | <u>Mental and behavioural disorders</u> | F |
| VI | Diseases of the nervous system | G |
| VII | Diseases of the eye and adnexa | H |
| VIII | Diseases of the ear and mastoid process | H |
| IX | Diseases of the circulatory system | I |
| X | Diseases of the respiratory system | J |
| XI | Diseases of the digestive system | K |

ICD-10 at a Glance: 22 Chapters (Cont.)

| Chapter # | Chapter Title | Alphab. code |
|-----------|---|--------------|
| XII | Diseases of the skin and subcutaneous tissue | L |
| XIII | Diseases of the musculoskeletal system and connective tissue | M |
| XIV | Diseases of the genitourinary system | N |
| XV | Pregnancy, childbirth and the puerperium | O |
| XVI | Certain conditions originating in the perinatal period | P |
| XVII | Congenital malformations, deformations and chromosomal abnormalities | Q |
| XVIII | Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified | R |
| XIX | Injury, poisoning and certain other consequences of external causes | S,T |
| XX | External causes of morbidity and mortality | V,X,Y |
| XXI | Factors influencing health status and contact with health services | Z |
| XXII | Codes for special purposes | U |

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Introduction to Chapter V

“Mental and neurological disorders put greater disease burden than any other category, except communicable diseases.”

(WHO, 2008)

Chapter V: Mental and Behavioral Disorders

- Provides codes for mental and behavioral disorders
- Chapter uniqueness: descriptions of the disorders coded to each category that define the contents of the categories.
- Codes range: F00–F99.

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Parts of Chapter V

- Clinical Descriptions and Diagnostic Guidelines for general clinical, educational, and service use
- Diagnostic Criteria for Research
- Chapter V (F) - for compatibility with other classifications

ICD-10: Disorder Description

- Main clinical features + important less specific features
- Number of possible diagnoses increases
- Overall diagnostic picture should not be clouded
- “Provisional”/“Tentative” diagnosis (i.e., criteria partially met)
- Symptom duration (general guideline)
- Mental disorders arranged by major common themes
- Descriptions and guidelines - set of symptoms and comments

ICD-10: Terminology: Basics

- “Disorder” vs. “disease”/“illness”
- *Disease/illness* – particular abnormal condition of structure/function that affects part or all organism
- *Disorder* - set of symptoms or behaviors associated with distress and interference with personal functions

FOCUS IS ON DISORDERS

DISORDERS ARE FOCUSED ON SYMPTOMS

ICD-10: Terminology: Basics

- Paradoxically, ICD is called International Classification of *DISEASES*
- “Psychogenic” not used - different meanings in different languages and psychiatric traditions
- If a external problem exists but does not affect the person or others, it is not considered a disorder and is not included

ICD-10: Terminology (Cont.)

- “Psychosomatic” not used – as it may imply that psychological factors play no role in occurrence, course, and outcome of other diseases that are not so described
- Psychosomatic Disorders in other classifications:
 - F45 Somatoform disorders
 - F50 Eating disorders
 - F52 Sexual dysfunction
 - F54 Psychological or behavioral factors associated with disorders or diseases classified elsewhere

ICD-10: Terminology (Cont.)

- “Impairment”, “disability”, and “handicap” used in accordance with International Classification of Impairments, Disabilities, and Handicaps (Geneva, WHO, 1980):
 - ✓ *Impairment* - “loss or abnormality ... of structure or function”.
 - ✓ *Disability* - “restriction or lack... of ability to perform an activity in the manner or within the range considered normal for human being”.
 - ✓ *Handicap* - “disadvantage for an individual... that prevents or limits the performance of a role that is normal ... for that individual”

ICD-10: Multiple Diagnoses

- Record as many diagnoses as necessary to cover the clinical picture (use DSM and ICD 9 to guide)
- One main or primary diagnosis and others as subsidiary/additional/secondary....
- Most relevant diagnosis goes first (often the cause of consultation/contact of health services or “life-time” diagnosis)
- If in doubt, list diagnoses in the order in which they appear in ICD
- Recording diagnoses from other than chapter V is strongly recommended

Defining Primary & Parent Codes

- Primary = Core
- Parent = Etiology of pursued code
- Suggested Order = 1. Primary code
2. Parent code

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Cultural Issues in ICD-10

- Psychiatric diagnosis is based on *cultural*, social, biological and psychological factors
- Increased interest in cultural framework of prospective diagnostic systems
- In contrast, the presence of culture in ICD-10 is limited (vs. the DSM 5)
- List of culture-specific disorders in Diagnostic Criteria for Research but not in the CM version

Mezzich et al., 2001

Cultural Issues in ICD-10

Some indirect cultural relevance:

- ✓ Multi-axial Presentation of ICD-10
- ✓ Primary Health Version
- ✓ Chapter XXI Factors Influencing Health Status and Contact with Health Services

Culture-Specific Disorders in ICD-10

| Disorder | Culture |
|--|--|
| 1. Amok | Malaysian |
| 2. Dhat | Indian |
| 3. Koro | Indonesia, Thailand |
| 4. Latah | Southeast Asia |
| 5. Ataque de Nervios | Latin American Caribbean |
| 6. Pa-leng (Frigophobia) | China, Southeast Asia |
| 7. Piblokto | Inughuit societies living in Arctic Circles |
| 8. Susto, Espanto | Latin American |
| 9. Taijin Kyofusho | Japanese |
| 10. Ufufuyane, Saka | Kenya, Southern Africa |
| 11. Uqamairineq | Inuit |
| 12. Windigo | Algonquian peoples in Atlantic coast and Great Lakes region in US and Canada |

Culture in Regional and National Adaptations of ICD-10

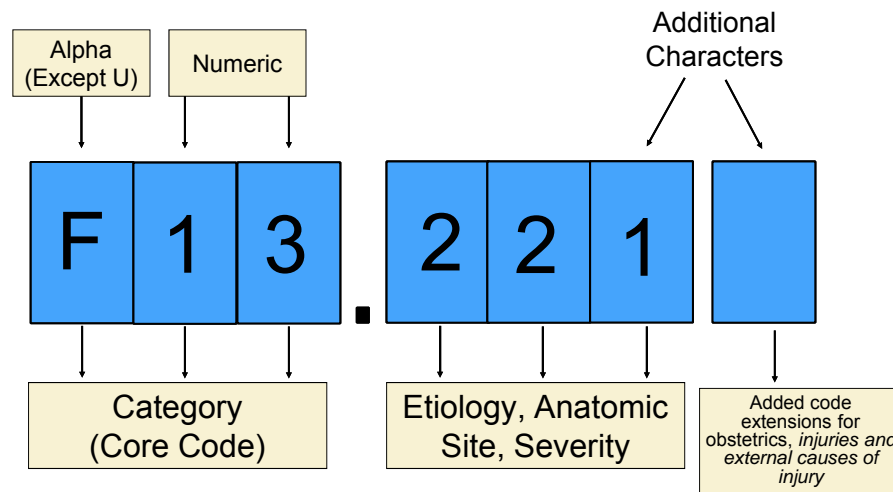
Examples of attempts to articulate the international reference with local realities and needs:

- Chinese Classification of Mental Disorders
- Japanese Clinical Modification of ICD-10
- Latin American Guide for Psychiatric Disorders
- Cuban Glossary of Psychiatry

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ICD-10 Coding



CAUTION: A "valid" (billable) code in F chapter includes 4-6 characters including the letter

Blue Cross Blue Shield of Michigan (2014)

ICD-10 Update. Mental and Behavioral Health ICD-10-CM Codes

Coding steps:

1. Determine the conditions that need to be coded
2. Use the [Alphabetical Index \(Vol 3\)](#) to locate the condition and allocate the code
3. Use the [Tabular List \(Vol 1\)](#) to check correct code assignment (e.g. inclusion note, exclusion note)
4. Use the [Instruction Manual \(Vol 2\)](#) for any rules regarding the selection of a particular code for reporting mortality or morbidity data

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

ICD-10 Golden Coding Rules



Golden Coding Rule Number 1

Volumes 1 and 3 must be used together to correctly find codes for each case (e.g. cause of death or diagnosis)

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(<http://apps.who.int/classifications/apps/icd/icd10training/>)

ICD-10 Golden Coding Rules



Golden Coding Rule Number 2

The special disease categories take priority over the body system categories.

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ICD-10 Golden Coding Rules



Golden Coding Rule Number 3

The dagger code (†) is used as the underlying cause of death. Never use the asterisk code (*) alone if the diagnosis being coded uses the dagger and asterisk convention.

Example:

G22* = Parkinsonism in diseases classified elsewhere

G22*, A52.1† = Syphilitic Parkinsonism

ICD-10 Interactive Self Learning Tool
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ICD-10 Golden Coding Rules



Golden Coding Rule Number 4

Be cautious of the spelling of the diseases you are coding since the Tabular List uses British spelling and the Alphabetical index uses American spelling. There are cross-references in the Index to guide you to the American spelling.

ICD-10 Interactive Self Learning Tool
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Revised Mental Health codes

- New concepts supported by ICD-10
 - Drug “use” vs. “dependence” vs. “abuse”
 - Bipolar II
 - Bipolar disorders: distinction current episode / most recent episode
 - Recurrent depressive disorder
 - Mood disorder related to physiologic condition
 - Adjustment insomnia
 - Adjustment reaction with withdrawal
 - Asperger's syndrome
 - Rett's syndrome

Health Data Consulting.

ICD-10 Clinical Documentation Requirements

Chapter V: Mental and Behavioral Disorders

| ICD-10 | |
|---|--|
| F01-F99 Mental, Behavioral and Neurodevelopmental Disorders | F00-F09 Mental disorders due to known physiological conditions |
| | F10-F19 Mental and behavioral disorders due to psychoactive substance use |
| | F20-F29 Schizophrenia, schizotypal, delusional, and other non-mood psychotic disorders |
| | F30-F39 Mood (affective) disorders |
| | F40-F48 Anxiety, dissociative, stress-related, somatoform and other non-psychotic mental disorders |
| | F50-F59 Behavioral syndromes associated with physiological disturbances and physical factors |
| | F60-F69 Disorders of adult personality and behavior |
| | F70-F79 Intellectual disabilities |
| | F80-F89 Pervasive and specific developmental disorders |
| | F90-F98 Behavioral and emotional disorders with onset usually occurring in childhood and adolescence |
| | F99-F99 Unspecified mental disorders |

ICD-10 Interactive Self Learning Tool
(<http://apps.who.int/classifications/apps/icd/icd10training/>)

Organic, including symptomatic, mental disorders (F00–F09)

- F00** Dementia in Alzheimer disease
- F01** Vascular dementia
- F02** Dementia in other diseases classified elsewhere
- F03** Unspecified dementia
- F04** Organic amnesic syndrome, not induced by alcohol and other
psychoactive substances
- F05** Delirium, not induced by alcohol and other psychoactive substances
- F06** Other mental disorders due to brain damage and dysfunction and to
physical disease
- F07** Personality and behavioral disorders due to brain disease, damage and
dysfunction
- F09** Unspecified organic or symptomatic mental disorder

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Organic, including symptomatic, mental disorders (F00–F09)

4th Characters for use with categories F00-F09:

- .0 Delirium, not superimposed on dementia
- .1 Delirium, superimposed on dementia
- .8 Other delirium
- .9 Delirium, unspecified

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Major and Mild Neurocognitive Disorders (602)

1 step

| |
|--|
| Probable major neurocognitive disorder due to Alzheimer's disease Code first 331.0 (G30.9) Alzheimer's disease |
| Probable major neurocognitive disorder due to frontotemporal lobar degeneration Code first 331.19 (G31.09) frontotemporal disease |
| Probable major neurocognitive disorder with Lewy bodies Code first 331.82 (G31.83) Lewy body disease |
| Probable major vascular neurocognitive disorder No additional medical code for vascular disease |
| Major neurocognitive disorder probably due to Parkinson's disease Code first 332.0 (G20) Parkinson's disease |

2 step

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|---|
| 294.11 | F02.81 | With behavioural disturbance |
| 294.10 | F02.80 | Without behavioral disturbance |
| 331.9 | G31.9 | Possible major neurocognitive disorder due to Alzheimer's disease |
| 331.83 | G31.84 | Mild neurocognitive disorder due to Alzheimer's disease |

DSM-5 Classification

Major and Mild Neurocognitive Disorders (602) (cont.)

1 step

| |
|--|
| Major Neurocognitive disorder due to traumatic brain injury (TBI) ICD-9-CM code first 907.0 late effect of intracranial injury without skull fracture ICD-10-CM code first S06.2X96 diffuse TBI with loss of consciousness unspecified duration, sequela |
| Major Neurocognitive disorder due to HIV infection Code first 042(B20) HIV infection |
| Major Neurocognitive disorder due to Prion disease Code first 046.79 (A81.9) |
| Major Neurocognitive disorder due to Huntington's disease Code first 333.4 (G10) Huntington's disease |
| Major Neurocognitive disorder due to another medical condition Code first the other medical condition |
| Major Neurocognitive disorder due to Multiple etiologies Code first all the etiologies of medical conditions (except for vascular disease) |

2 step

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|---|
| 294.11 | F02.81 | With behavioural disturbance |
| 294.10 | F02.80 | Without behavioral disturbance |
| 331.83 | G31.84 | Mild neurocognitive disorder due to Alzheimer's disease |

DSM-5 Classification

Major and Mild Neurocognitive Disorders (602) (cont.)

Probable major vascular neurocognitive disorder
No additional medical code for vascular disease

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|---|
| 290.40 | F01.51 | With behavioural disturbance |
| 290.40 | F01.50 | With behavioural disturbance |
| 331.9 | G31.9 | Possible major vascular neurocognitive disorder |
| 331.83 | G31.84 | Mild vascular neurocognitive disorder |
| 799.59 | R41.9 | Unspecified neurocognitive disorder |

Mental and behavioural disorders due to psychoactive substance use (F10–F19)

- F10** due to use of alcohol
- F11** due to use of opioids
- F12** due to use of cannabinoids
- F13** due to use of sedatives or hypnotics
- F14** due to use of cocaine
- F15** due to use of other stimulants, including caffeine
- F16** due to use of hallucinogens
- F17** due to use of tobacco
- F18** due to use of volatile solvents
- F19** due to multiple drug use and use of other psychoactive substances

CAUTION: ICD-10 codes presented (CORE CODES) = NON BILLABLE

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Mental and behavioural disorders due to psychoactive substance use (F10–F19)

4th Characters for use with categories F10-F19:

- .0 Acute intoxication
- .1 Harmful use
- .2 Dependence syndrome
- .3 Withdrawal state
- .4 Withdrawal state with delirium
- .5 Psychotic disorder
- .6 Amnesic syndrome
- .7 Residual and late-onset psychotic disorder
- .8 Other mental and behavioural disorders
- .9 Unspecified mental and behavioural disorder

CAUTION: Some 4 digits codes NOT BILLABLE (i.e. F19.1 alone)

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Substance-related and addictive disorders (481) (sample)

Alcohol use disorder

Specify if in early remission/ in sustained remission

Specify if in a controlled environment

Specify the severity:

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|--------------------------------------|
| 305.00 | F10.10 | Mild |
| 303.90 | F10.20 | Moderate |
| 303.90 | F10.20 | Severe |
| 303.00 | | Alcohol intoxication |
| | F10.129 | With use disorder, mild |
| | F10.229 | With use disorder moderate to severe |
| | F10.929 | Without use disorder |

Schizophrenia, schizotypal and delusional disorders (F20–F29)

- F20** Schizophrenia
- F21** Schizotypal disorder
- F22** Persistent delusional disorders
- F23** Acute and transient psychotic disorders
- F24** Induced delusional disorder
- F25** Schizoaffective disorders
- F28** Other nonorganic psychotic disorders
- F29** Unspecified nonorganic psychosis

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Schizophrenia spectrum and other psychotic disorders (87)

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|--|
| 301.22 | F21 | Schizotypal personality disorder |
| 297.1 | F22 | Delusional disorder |
| 298.8 | F23 | Brief psychotic disorder |
| 295.40 | F20.81 | Schizophreniform disorder |
| 295.90 | F20.9 | Schizophrenia |
| 295.70 | F25.0 | Schizoaffective disorder, bipolar type |
| 295.70 | F25.1 | Schizoaffective disorder, depressive type |
| 293.81 | F06.2 | Psychotic disorder due to another medical condition, with delusions |
| 293.82 | F06.0 | Psychotic disorder due to another medical condition, with hallucinations |
| 293.89 | F06.1 | Catatonia associated with another mental disorder |
| 293.89 | F06.1 | Catatonic disorder due to another medical condition |
| 293.89 | F06.1 | Unspecified catatonia |
| 298.8 | F28 | Other specified schizophrenia spectrum and other psychotic disorder |
| 298.9 | F29 | Unspecified schizophrenia spectrum and other psychotic disorder |

Mood [affective] disorders (F30–F39)

- F30** Manic episode
- F31** Bipolar affective disorder
- F32** Depressive episode
- F33** Recurrent depressive disorder
- F34** Persistent mood [affective] disorders
- F38** Other mood [affective] disorders
- F39** Unspecified mood [affective] disorder

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|--------------------------------|
| 296. __ | F31. __ | Bipolar I disorder |
| 296. __ | F32. __ | Depressive disorders |

Neurotic, stress-related and somatoform disorders (F40–F48)

- F40** Phobic anxiety disorders
- F41** Other anxiety disorders
- F42** Obsessive-compulsive disorder
- F43** Reaction to severe stress, and adjustment disorders
- F44** Dissociative [conversion] disorders
- F45** Somatoform disorders
- F48** Other neurotic disorders

CAUTION: PTSD code F43.1 NOT BILLABLE

Valid code F43.10 (Found in DSM-5)

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Anxiety disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|--|
| 309.21 | F93.0 | Separation anxiety disorder |
| 312.23 | F94.0 | Selective mutism |
| 300.29 | F40.2xx | Specific phobia (e.g. animal, natural environment, etc.) |
| 300.23 | F40.10 | Social anxiety disorder |
| 300.01 | F41.0 | Panic disorder |
| 300.22 | F40.00 | Agoraphobia |
| 300.02 | F41.1 | Generalized anxiety disorder |
| 293.84 | F06.4 | Anxiety disorder due to another medical condition |
| 300.09 | F41.8 | Other specified anxiety disorder |
| 300.00 | F41.9 | Unspecified anxiety disorder |

CAUTION: All specific phobia codes need 6 digits to be billable

16 valid specific phobia codes, DSM-5 only 8

DSM-5 Classification

Obsessive-compulsive and related disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|--|
| 300.3 | F42 | Obsessive-compulsive disorder |
| 300.7 | F45.22 | Body dysmorphic disorder |
| 300.3 | F42 | Hoarding disorder |
| 312.39 | F63.3 | Trichotillomania |
| 698.4 | L98.1 | Excoriation |
| 294.8 | F06.8 | Obsessive-compulsive and related disorder due to another medical condition |
| 300.3 | F42 | Other specified obsessive-compulsive and related disorder |

DSM-5 Classification

Trauma- and stressor-related disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------------------------|-----------|---|
| 313.89 | F94.1 | Reactive attachment disorder |
| 313.89 | F94.2 | Disinhibited social engagement disorder |
| 309.81 | F43.10 | Posttraumatic stress disorder |
| 308.3 | F43.0 | Acute stress disorder |
| Adjustment disorders with: | | |
| 309.0 | F43.21 | Depressed mood |
| 309.24 | F43.22 | With anxiety |
| 309.28 | F43.23 | With mixed anxiety and depressed mood |
| 309.3 | F43.24 | With disturbance of conduct |
| 309.4 | F43.25 | With mixed disturbance of emotions and conduct |
| 309.9 | F43.20 | Unspecified |
| 309.89 | F43.8 | Other specified trauma- and stressor-related disorder |
| 309.89 | F43.9 | Unspecified trauma- and stressor-related disorder |

Behavioural syndromes associated with physiological disturbances and physical factors (F50–F59)

- F50** Eating disorders
- F51** Nonorganic sleep disorders
- F52** Sexual dysfunction, not caused by organic disorder or disease
- F53** Mental and behavioral disorders associated with the puerperium, not elsewhere classified
- F54** Psychological and behavioral factors associated with disorders or diseases classified elsewhere
- F55** Abuse of non-dependence-producing substances
- F59** Unspecified behavioral syndromes associated with physiological disturbances and physical factors

**CAUTION: DSM-5 does not include F53.
In mood disorders, document if peripartum onset**

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Feeding and eating disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|----------|-----------|---|
| 307.52 | F98.3 | Pica in children |
| 307.52 | F50.8 | Pica in adults |
| 307.53 | F98.21 | Rumination disorder |
| 307.59 | F50.8 | Avoidant/restrictive food intake disorder |
| 307.1 | F50.01 | Anorexia nervosa, restricting type |
| 307.1 | F50.02 | Anorexia nervosa, binge eating/purging type |
| 307.51 | F50.2 | Bulimia nervosa |
| 307.51 | F50.8 | Binge-eating disorder |
| 307.59 | F50.8 | Other specified feeding or eating disorder |
| 307.50 | F50.9 | Unspecified feeding or eating disorder |

Disorders of adult personality and behaviour (F60–F69)

- F60** Specific personality disorders
- F61** Mixed and other personality disorders
- F62** Enduring personality changes, not attributable to brain damage and disease
- F63** Habit and impulse disorders
- F64** Gender identity disorders
- F65** Disorders of sexual preference
- F66** Psychological and behavioural disorders associated with sexual development and orientation
- F68** Other disorders of adult personality and behaviour
- F69** Unspecified disorder of adult personality and behaviour

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Personality disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|---------------------------------|-----------|---|
| Cluster A personality disorders | | |
| 301.0 | F60.0 | Paranoid personality disorder |
| 301.20 | F60.1 | Schizoid personality disorder |
| 301.22 | F21 | Schizotypal personality disorder |
| Cluster B personality disorders | | |
| 301.7 | F60.2 | Antisocial personality disorder |
| 301.83 | F60.3 | Borderline personality disorder |
| 301.50 | F60.4 | Histrionic personality disorder |
| 301.81 | F60.81 | Narcissistic personality disorder |
| Cluster C personality disorders | | |
| 301.82 | F60.6 | Avoidant personality disorder |
| 301.6 | F60.7 | Dependent personality disorder |
| 301.4 | F60.5 | Obsessive-compulsive personality disorder |
| Other personality disorders | | |
| 310.1 | F07.0 | Personality change due to another medical condition |
| 301.89 | F60.89 | Other specified personality disorder |
| 301.9 | F60.9 | Unspecified personality disorder |

Mental retardation (F70–F79)

- F70** Mild mental retardation
- F71** Moderate mental retardation
- F72** Severe mental retardation
- F73** Profound mental retardation
- F78** Other mental retardation
- F79** Unspecified mental retardation

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Mental retardation (F70–F79)

4th Characters for use with categories F70-F79:

- .0 No, or minimal, impairment of behaviour
- .1 Significant impairment of behaviour requiring attention or treatment
- .2 Other impairments of behaviour
- .3 Without mention of impairment of behaviour

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Disorders of psychological development (F80–F89)

- F80** Specific developmental disorders of speech and language
- F81** Specific developmental disorders of scholastic skills
- F82** Specific developmental disorder of motor function
- F83** Mixed specific developmental disorders
- F84** Pervasive developmental disorders
- F88** Other disorders of psychological development
- F89** Unspecified disorder of psychological development

**CAUTION: DSM-5 does not include Asperger's as independent diagnosis
Under Autism Spectrum Disorders**

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Behavioural and emotional disorders with onset usually occurring in childhood and adolescence (F90–F98)

- F90** Hyperkinetic disorders
- F91** Conduct disorders
- F92** Mixed disorders of conduct and emotions
- F93** Emotional disorders with onset specific to childhood
- F94** Disorders of social functioning with onset specific to childhood and adolescence
- F95** Tic disorders
- F98** Other behavioural and emotional disorders with onset usually occurring in childhood and adolescence

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

DSM-5 Classification

Neurodevelopmental disorders

| ICD-9-CM | ICD-10-CM | Disorder, condition or problem |
|--|-----------|-------------------------------------|
| Intellectual disabilities | | |
| 319 | F70 | Intellectual disability, mild |
| 319 | F71 | Intellectual disability, moderate |
| 319 | F72 | Intellectual disability, severe |
| 319 | F73 | Intellectual disability, profound |
| 315.8 | F88 | Global developmental delay |
| 319 | F79 | Unspecified intellectual disability |
| Communication disorders | | |
| Autism spectrum disorder | | |
| Attention-deficit/hyperactivity disorder | | |
| Specific learning disorder | | |
| Motor disorders | | |
| Other neurodevelopmental disorders | | |

Unspecified mental disorder (F99)

F99 Mental disorder, not otherwise specified
Incl.: Mental illness NOS
Excl.: organic mental disorder NOS (F06.9)

ICD-10 Online Browser
<http://apps.who.int/classifications/icd10/browse/2015/en>

Frequent Mental Health Diagnoses: General

- ✓ Anxiety disorders
- ✓ Autism spectrum disorders
- ✓ Mood related disorders
- ✓ Schizophrenia
- Number and type of new concepts not foreign to clinicians

Health Data Consulting.
ICD-10 Clinical Documentation Requirements

Most Frequent Diagnoses: Medicare-Medicaid

| Disorder | ICD-10 category/code |
|---|-------------------------|
| Depressive episode | F32 |
| Severe depressive episode without psychotic symptoms | F32.2 |
| Dementia in Alzheimer disease | F00* |
| Phobic anxiety disorders/other anxiety disorders | F40/F41 |
| Schizophrenia | F20 |
| Bipolar affective disorder | F31 |
| ADHD | F90.9 |
| Specific personality disorders | F60 |
| Reaction to severe stress and adjustment disorders/PTSD | F43/F43.1 |

**CAUTION: Core codes non billable.
At least 4 digits**

Centers for Medicare and Medicaid Services
<https://www.cms.gov>

* next to a code means that etiology code precedes that code

Top 10 Most Frequently Reported Diagnosis Codes: BC/BS

| Disorders | ICD-10-CM codes |
|--|-----------------|
| Dysthymic disorder | F34.1 |
| Major depressive disorder, recurrent, moderate | F33.1 |
| Major depressive disorder, recurrent severe without psychotic features | F33.2 |
| Major depressive disorder, recurrent, in remission, unspecified | F33.40 |
| Major depressive disorder, recurrent, unspecified | F33.9 |
| Generalized anxiety disorder | F41.1 |
| Anxiety disorder, unspecified | F41.9 |
| ADHD predominantly inattentive type | F90.0 |
| Adjustment disorder with depressed mood | F43.21 |
| Major depressive disorder single episode, unspecified | F32.9 |

Blue Cross Blue Shield
<http://www.bcbsm.com/content/dam/public/Providers/Documents/help/faqs/icd10-update-mentalhealth.pdf>

Overview

- ICD as an unified diagnostic system
- ICD coding history and significance
- ICD in the US
- ICD-10 description
- ICD-10. Chapter V: Mental and Behavioral Disorders
- Cultural issues in ICD-10
- Coding
- **ICD and DSM (ICD-9, ICD-10 and DSM 5)**
- Preview of ICD-11

ICD and DSM

| <i>ICD</i> | <i>DSM</i> |
|--|--|
| Developed by global UN agency | Developed by a single national association |
| Free open resource for public health benefit | Provides large portion of ApA revenue |
| For countries/service providers | For (U.S.) behavioral health providers |
| Global, multidisciplinary, multilingual | U.S. Anglophone perspective |
| Approved by World Health Assembly | Approved by ApA board of trustees |
| Covers <i>all health</i> conditions | Covers only mental disorders |

(Goodheart, 2013; Reed, 2013)

Interfacing of DSM & ICD

- Recall that the DSM is essentially the “borrowed” codes from ICD; DSM = descriptors of code #
- Use parallel diagnostic system to the ICD in U.S. possibly due to harmonization efforts
- Few differences between ICD-9-CM and DSM-IV due to efforts to make them consistent
- DSM-5 attempts to closely parallel ICD-10-CM but no point to point correspondence

(adapted from Goodheart, 2013)

DSM-5, ICD-9-CM and ICD-10-CM

→ DSM-V contains ICD-9-CM and ICD-10-CM codes

→ If one diagnostic code is assigned:

E.g. Schizophrenia 295.90 (F20.9)

ICD-9-CM

ICD-10-CM

→ If two diagnostic codes are assigned:

E.g. 295.70 (F25.0) Bipolar type

295.70 (F25.1) Depressive type

ICD-9-CM

ICD-10-CM

Sample Cross-Walk: DSM-5 - ICD-9 - ICD-10

| DSM-5 Title | DSM-5/ICD-9-CM Code ¹ | ICD-9-CM Title | DSM-5/ICD-10-CM Code ² | ICD-10-CM Title |
|--|----------------------------------|---|-----------------------------------|---|
| Generalized anxiety disorder | 300.02 | Generalized anxiety disorder | F41.1 | Generalized anxiety disorder |
| Panic disorder without agoraphobia | 300.01 | Panic disorder without agoraphobia | F41.0 | Panic disorder |
| Panic disorder with agoraphobia | 300.21 + 300.22 | Agoraphobia with panic disorder | F40.01 | Agoraphobia with panic disorder |
| Persistent depressive disorder (dysthymia) | 300.4 | Dysthymic disorder | F34.1 | Dysthymic disorder |
| Schizophrenia, catatonic type | 295.90 + A293.89 | Catatonic type schizophrenia unspecified | F20.9 + F06.1 | Catatonic schizophrenia |
| Bipolar I disorder, current or most recent episode manic | 296.00 | Bipolar I disorder single manic episode unspecified | F31.1x | Manic episode without psychotic symptoms, unspecified |
| Specific Learning disorder with impairment in reading | 315.00 | Developmental reading disorder unspecified | F81.0 | Specific reading disorder |
| Dementia of Alzheimer's type with early onset, uncomplicated | 290.10 | Presenile dementia uncomplicated | G30.9 + F02.80 | Unspecified dementia without behavioral disturbance |

¹ in use through September 30, 2015

² in use starting October 1, 2015

ICD-10, ICD-9, DSM Coding Structure Sample 1: Depression

F33.2

F=Mental and Behavioral Disorders

F30-39=Mood (affective) disorders

F33=Recurrent Depressive Disorder

F33.2=Recurrent Depressive Disorder, current episode severe, without psychotic symptoms

ICD-9-CM: 296.3 Major depressive disorder, recurrent episode

DSM-5 codes: 296.33 Major depressive disorder, recurrent, severe without psychotic features

(Goodheart, 2013)

ICD-10, ICD-9, DSM Coding Structure Sample 2: Anxiety

F40.01

F=Mental and Behavioral Disorders

F40-F48=Anxiety, dissociative, stress-related, somatoform

F40=Phobic Anxiety Disorders

F40.0=Agoraphobia

F40.01=Agoraphobia with panic disorder

ICD-9-CM/DSM-IV code: 300.21 Agoraphobia with panic disorder

DSM-5: no category combines agoraphobia and panic

**CAUTION: no single code in DSM-5 combines Agoraphobia and Panic.
Document both when present**

(Goodheart, 2013)

DSM Vs. ICD

- **ICD is a Diagnostic System**
- **DSM is a Descriptive System**

Overview

- ICD as an unified diagnostic system
- ICD coding history and significance
- ICD in the US
- ICD-10 description
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- Coding
- ICD and DSM (ICD-9, ICD-10 and DSM 5)
- **Preview of ICD-11**

ICD-11 Changes Overview

- Priorities: clinical utility & global applicability
- 2017 World Health Assembly (WHA) adoption
- Public revision of ICD-11 contents in May 2016
- Regular (maybe yearly) updates
- Greater number of diagnostic categories, less hierarchical structure, more clinically intuitive
- New chapters on sleep disorders and sexual health
- “Mental retardation” -> Intellectual developmental disorders
- Personality disorders: severity, codification of prominent features instead of diagnostic entities.

(Adapted from Goodheart, 2013)

ICD-11: Involvement of Psychology

- Psychologists are more involved in ICD-11 than in other ICD revisions; Geoffrey Reed, Ph.D. (chair) & Pierre Ritchie, Ph.D. (board), Ann Watts, Ph.D (board)
- Mental and Behavioral Disorders (MBD) chapter revised with significant contribution from APA and International Union of Psychological Science
- APA will recommend the use of ICD-11 instead of DSM-5 (Suzanne Bennet-Johnson said)

(Goodheart, 2013)

ICD-11: Involvement of Psychology (cont.)

- Psychologists contributed to the research foundation for the revision
- Clinical Psychologists' attitudes about diagnoses surveyed internationally. Results will be published soon.
- Psychologists well represented in the Field Studies Coordinating Group that guides development and contributes to testing clinical utility
- Spanish psychologists can DIRECTLY participate in the development of ICD-11 materials through "Global Clinical Practice Network"

(Goodheart, 2013)

ICD-11 or DSM-5

- DSM-5 = \$199.00; ICD-11 = free of charge.
- ICD-11 covers all health areas.
- ICD-11 culturally adapted: Spanish and English versions developed initially. Many others will follow.
- DSM-5/ ICD-11 Compatibility desirable but probably not going to happen
- ICD-11 draft for public comments in May, 2016

ICD-11 or DSM-5

- Criticisms to DSM-5 for over-medicalization, “psychopathologizing” daily life:
 - Benefits for pharmaceutical industry
 - Funds diverted from more severe conditions
 - Increase prescriptions = increase side effects on people who do not need medication
 - Dramatic increase of prevalence, difficult to manage
- > ICD-11 will not include these diagnoses

ICD-11 Beta Draft

<http://apps.who.int/classifications/icd11/browse/f/en>

Practical Steps: #1

- Download the PDF version of ICD-10-CM codes free of charge from here:
<http://www.cdc.gov/nchs/icd/icd10cm.htm>
- Identify the ICD-9-CM/DSM 5 most commonly used diagnostic codes.
- Find Cross-walked ICD-10 codes
- Note that this link is NOT a browser and therefore the search will have to be manual

Adapted from American Psychological Association Practice Organization. *Good Practice*, Spring/Summer 2015

Practical Steps: #2

- **< 09.30.15:** Submit all claims for services provided before Sept. 30, 2015 using ICD-9-CM or DSM 5 codes
- **> 09.30.15:** On and after October 1, 2015 use only ICD-10-CM codes

Practical Steps: #3

- Consider “saving” for the change
- Submit few quick return claims at the beginning of October and follow the EOBs closely
- Do not expect that the DXs that have been reimbursed for will be reimbursed again
- Non-F codes may not be reimbursed though some LCD have listed other codes
- Consider contacting major carrier about the preceding
- Share the information as to patterns of reimbursement

ICD X CPT Formulary

- Formulary - Third party payors (e.g., Medicare) will have a ***CPT (procedural code) X ICD (diagnostic code)*** that will be the basis of:
 - ✓ Medical Necessity
 - ✓ Reimbursement
- Medicare - Each Medicare carrier will establish and publish on their website
- Private Payors - Each carrier will establish and NOT publish in their website (trial and error)

Billing Vs. Working Diagnosis

- Bill for the Dx being pursued
- The initial or working diagnosis then establishes the medical necessity for subsequent assessments and interventions
- It is new diagnosis that is used (e.g., Patient is referred for depression but evaluation discovered for dementia), bill for depression for the first visit, but use dementia from that point forward

Diagnosing: Order & Number

- First Diagnosis: Primary
- Second Diagnosis: Next most important, and so on...
- Total # of Diagnoses: All conditions present, including those diagnosed by you and those diagnosed by other qualified health providers

Diagnosing: Assessment Vs. Treatment

- Assessment: Per previous slide, primary as discovered, then secondary and all other diagnoses
- Treatment: Per previous slide and as above but the diagnosis must match the treatment

NOTE: Primary DX in each case will determine whether the claim is “medical” or “behavioral”.

Local Coverage Determinations (LCDs)

- **Contractor Index**

<https://www.cms.gov/medicare-coverage-database/indexes/lcd-contractor-index.aspx?bc=AgIAAAAAAAAAAAAA%3d%3d&>

- **State Index**

<https://www.cms.gov/medicare-coverage-database/indexes/lcd-state-index.aspx?bc=AgIAAAAAAAAAAAAA%3d%3d&>

- **Alphabetical Index**

<https://www.cms.gov/medicare-coverage-database/indexes/lcd-alphabetical-index.aspx?DocType=All&bc=AgIAAAAAAAAAAAAA%3d%3d&>

Carrier Examples

- **NOVITAS:**

<https://www.cms.gov/medicare-coverage-database/details/lcd-details.aspx?LCDId=35101&ContrlD=338&ver=8&ContrVer=1&Date=10%2f01%2f2015&DocID=L35101&bc=iAAAAAgAAAAAA%3d%3d&>

- **CIGNA:**

https://cignaforhcp.cigna.com/public/content/pdf/coveragePolicies/medical/mm_0258_coveragepositioncriteria_neuropsychological_testing.pdf

- **AETNA:**

http://www.aetna.com/cpb/medical/data/100_199/0158.html

(NOTE: Neuropsychological testing is covered for the following types of diagnosis- F; NP testing is covered for F, G as well as some I, Q, R and S codes.)

HCFA 1500

- Number of places for DX has gone from 6 to 12.
- Primary code and, if appropriate or necessary, the parent code following
- Current version is v02/12
- Includes an ICD Indicator in Field 21
- Use “9” for filing a claim with ICD-9 Codes (before 9/30/15)
- Use “0” for filing a claim with ICD-10 Codes (on and after 10/1/15)

To be Determined

- Core codes, more than three, or full seven digits? How deep do you go for billing and for reports?
- Besides Chapter 5 (F), what other chapters can and should be used?
- What about the use of non-F codes for neuropsychological and health psychology situations?
- What about parent codes?
- Some traditional DXs may not be present or covered (G31.84 or MCI)

BOTTOM LINE: FORMULARY OF CPT X ICD

ICD-10-CM is the standard for billing

Valid codes can be 3-7 digits:
F = 3-7 digits;
S = 7 digits

CERTIFICATE OF ATTENDANCE

Please download your certificate here:

<http://psychologycoding.com/wp-content/uploads/2015/07/ICD-Certificate.docx>



Useful Resources

WHO ICD-10 Description:

<http://www.who.int/classifications/icd/en/>

WHO "Bluebook":

<http://www.who.int/classifications/icd/en/bluebook.pdf>

ICD-10 Browser:

<http://apps.who.int/classifications/icd10/browse/2015/en>

ICD-10 Interactive Self Learning Tool:

<http://apps.who.int/classifications/apps/icd/icd10training/>

ICD-10 Online Support:

<https://sites.google.com/site/icd10onlinetraining/>

Transition to the ICD-10-CM, APA Practice Central:

<http://www.apapracticecentral.org/update/2012/02-09/transition.aspx>

ICD-10 Code Transition, Magellan Healthcare:

<http://www.magellanprovider.com/getting-paid/preparing-claims/icd10-code-transition.aspx>

National Council for Behavioral Health:

<http://www.thenationalcouncil.org/topics/coding-behavioral-health-services/>

http://www.thenationalcouncil.org/wp-content/uploads/2013/01/ICD10_onepager.pdf

Centers for Medicare and Medicaid Services:

<http://www.cms.gov/Medicare/coding/ICD10/index.html>

<http://www.cms.gov/Medicare/Coding/ICD10/index.html?redirect=/ICD10/>

<http://www.cms.gov/Medicare/Coding/ICD10/ProviderResources.html>

http://www.cms.gov/eHealth/downloads/Webinar_eHealth_August5_Roadto10.pdf

Useful Resources (Cont.)

CMS Road to 10

<http://www.roadto10.org/>

<http://www.roadto10.org/webcasts/>

AAPC ICD-10 Training:

<https://www.aapc.com/icd-10/training.aspx>

ICD-10-CM/PCS Basics for Clinical Documentation Improvement, American Health Information Management Association Library,

http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_050416.pdf

ICD-10 and DSM-5 Frequently Asked Questions, Minnesota Department of Human Services:

http://www.dhs.state.mn.us/main/idcplg?IdcService=GET_DYNAMIC_CONVERSION&RevisionSelectionMethod=LatestReleased&dDocName=dhs16_182682

Understanding ICD-10-CM and DSM-5, American Psychiatric Association:

https://www.appi.org/File%20Library/Products/APP_DSM5_Resources_Understanding_ICD.pdf

Understanding ICD-10:

http://www.kareo.com/documents/ICD10_eBook_Mental_Health.pdf

Understanding the ICD-10 The Clinician's Toolbox:

www.theclinicianstoolbox.com

DSM-5 to ICD-9 Crosswalk, Alliance Behavioral Healthcare:

<https://www.alliancebhc.org/wp-content/uploads/DSM5-ICD9-Crosswalk.pdf>

DSM-5 and ICD-10 Resources, Optum:

https://www.providerexpress.com/content/ope-provexpr/us/en/admin-resources/dsm5_icd10.html

Useful Resources (Cont.)

ICD 9/10 Crosswalk:

<http://ncmmis.ncdhhs.gov/icdxwalk.asp>

<http://icd10cmcode.com>

<http://www.guilford.com/add/frances2/crosswalk-alpha.pdf>

<http://www.azaleahealth.com/wp-content/uploads/Psychiatry-ICD10-Crosswalk.pdf>

ICD 9/10 Conversion:

<http://www.icd10data.com>

DSM-V:

<http://eahec.ecu.edu/brochures/e43633.pdf>

Medical billing and coding ICD-10:

<https://www.encoderpro.com/epro/>

http://www.pulseinc.com/wp-content/uploads/2013/10/MentalBehavioral_ICD10Conversion.pdf

Useful Links



AMERICAN PSYCHOLOGICAL ASSOCIATION

(Members only through **my.apa.org** login)



ICD10Data.com



UnitedHealthcare®



ICDNavigator



athenahealth

Useful Apps

iOS



ICD-10 HCPCS ICD-9



ICD-10 On the Go
Medical Codes



ICD-10 Free



ICD-10 Codes Free

Android



ICD-10 & ICD-9
Code Reference



ICD-10



ICD-10 Navigator



ICD-10: Codes of
Diseases

ICD 10 Primer: Carol Goodheart

- *A Primer for ICD-10-CM Users: Psychological and Behavioral Conditions Cover of A Primer for ICD-10-CM Users*
- List Price: \$19.95
- American Psychological Association
- Member/Affiliate Price: \$14.95
- Pages: 171
- Item #: 4317336
- ISBN: 978-1-4338-1709-0
- Copyright: 2014



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Chapter VI: Diseases of the Nervous System

| ICD-10 | |
|---|---|
| G00-G99 Mental, Behavioral and Neurodevelopmental Disorders | G00-G09 Inflammatory diseases of the central nervous system |
| | G10-G14 Systemic atrophies primarily affecting the central nervous system |
| | G20-G26 Extraparamidal and movement disorders |
| | G30-G32 Other degenerative diseases of the nervous system |
| | G35-G37 Demyelinating diseases of the central nervous system |
| | G40-G47 Episodic and paroxysmal disorders |
| | G50-G59 Nerve, nerve root and plexus disorders |
| | G60-G64 Polyneuropathies and other disorders of the peripheral nervous system |
| | G70-G73 Diseases of myoneural junction and muscle |
| | G80-G83 Cerebral palsy and other paralytic syndromes |
| | G90-G99 Other disorders of the nervous system |

ICD-10 Interactive Self Learning Tool
 (<http://apps.who.int/classifications/apps/icd/icd10training/>)

Inflammatory diseases of the central nervous system (G00-G09)

- G00** Bacterial meningitis, not elsewhere classified
- G01** Meningitis in bacterial diseases classified elsewhere
- G02** Meningitis in other infectious and parasitic diseases classified elsewhere
- G03** Meningitis due to other and unspecified causes
- G04** Encephalitis, myelitis and encephalomyelitis
- G05** Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere
- G06** Intracranial and intraspinal abscess and granuloma
- 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

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Systemic atrophies primarily affecting the central nervous system (G10-G14)

- G10** Huntington disease
- G11** Hereditary ataxia
- G12** Spinal muscular atrophy and related syndromes
- G13** Systemic atrophies primarily affecting central nervous system in diseases classified elsewhere
- G14** Postpolio syndrome

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Extrapyramidal and movement disorders (G20-G26)

- G20** Parkinson disease
- G21** Secondary parkinsonism
- G22** Parkinsonism in diseases classified elsewhere
- G23** Other degenerative diseases of basal ganglia
- G24** Dystonia
- G25** Other extrapyramidal and movement disorders
- G26** Extrapyramidal and movement disorders in diseases classified elsewhere

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Demyelinating diseases of the central nervous system (G35-G37)

- G35** Multiple sclerosis
- G36** Other acute disseminated demyelination
- G37** Other demyelinating diseases of central nervous system

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Episodic and paroxysmal disorders (G40-G47)

G40 Epilepsy

G41 Status epilepticus

G43 Migraine

G44 Other headache syndromes

G45 Transient cerebral ischaemic attacks and related syndromes

G46 Vascular syndromes of brain in cerebrovascular diseases

G47 Sleep disorders

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Nerve, nerve root and plexus disorders (G50-G59)

G50 Disorders of trigeminal nerve

G51 Facial nerve disorders

G52 Disorders of other cranial nerves

G53 Cranial nerve disorders in diseases classified elsewhere

G54 Nerve root and plexus disorders

G55 Nerve root and plexus compressions in diseases classified elsewhere

G56 Mononeuropathies of upper limb

G57 Mononeuropathies of lower limb

G58 Other Mononeuropathies

G59 Mononeuropathies in diseases classified elsewhere

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Polyneuropathies and other disorders of the peripheral nervous system (G60-G64)

- G60** Hereditary and idiopathic neuropathy
- G61** Inflammatory polyneuropathy
- G62** Other polyneuropathies
- G63** Polyneuropathy in diseases classified elsewhere
- G64** Other disorders of peripheral nervous system

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Diseases of myoneural junction and muscle (G70-G73)

- G70** Myasthenia gravis and other myoneural disorders
- G71** Primary disorders of muscles
- G72** Other myopathies
- G73** Disorders of myoneural junction and muscle in diseases classified elsewhere

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Cerebral palsy and other paralytic syndromes (G80-G83)

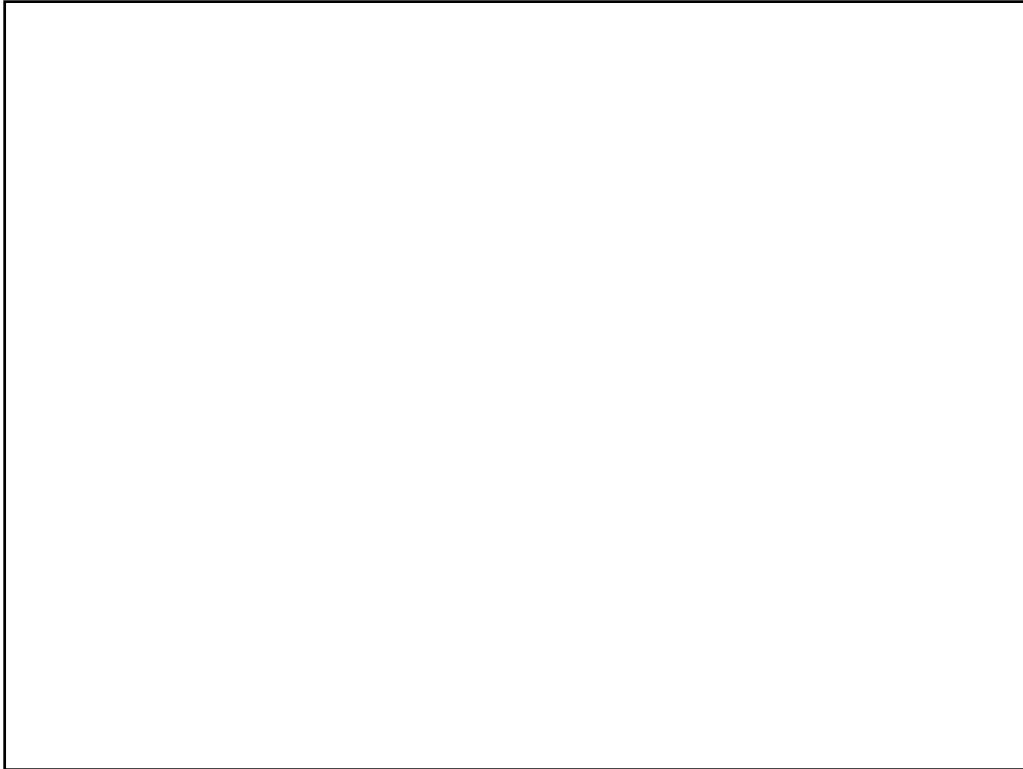
- G80** Cerebral palsy
- G81** Hemiplegia
- G82** Paraplegia and tetraplegia
- G83** Other paralytic syndromes

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)

Other disorders of the nervous system (G90-G99)

- G90** Disorders of autonomic nervous system
- G91** Hydrocephalus
- G92** Toxic encephalopathy
- G93** Other disorders of brain
- G94** Other disorders of brain in diseases classified elsewhere
- G95** Other diseases of spinal cord
- G96** Other disorders of central nervous system
- G97** Postprocedural disorders of nervous system, not elsewhere classified
- G98** Other disorders of nervous system, not elsewhere classified
- G99** Other disorders of nervous system in diseases classified elsewhere

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)



**For more handouts and information please visit
www.psychologycoding.com**

ICD-10 Online Browser
(<http://apps.who.int/classifications/icd10/browse/2015/en>)