ICD10 for Therapy – Ready, Set, Go!

June, 2015
Training Objectives

- Define ICD10
- Discuss Purposes of ICD10
- Compare/Contrast ICD9 / ICD10
- Discuss Code Selection
  - Apply ICD10 concepts to therapy diagnosis and conditions
- Resources
- Review Expectations of Vendors
What is ICD10?

- Coding History:
  - Physician Diagnosis (Medical, or Primary)
  - Treatment Diagnosis (Clinician derived)
  - ICD10 codes endorsed since 1990
  - Legislation mandating ICD10 implementation

- ICD10 Requirement
  - HIPAA covered entities
  - Excludes Worker’s Comp and Auto insurances
  - CMS encourages all to transition to ICD10
Purpose of Transition to ICD10

- Purposes:
  - More accurately reflect current medical practices
  - Capture more specific data
    - Reform payment methods
    - Facilitate patient care coordination across settings
    - Improve public health reporting and track (outcomes, expenditures)
    - Quality and Safety
  - Supports choices of interventions for patient
  - ICD9 running out of capacity to accommodate new codes and procedures
ICD9 and ICD10 Comparison – Similarities Overview

- Both:
  - Include Index, alphabetical list of terms and corresponding codes
  - Include Tabular list of codes, divided into chapters
  - Use similar “look-up” method
  - Share similar structure / conventions
    - Both have alphas, and both have numeric
      - V54.01
      - R52
    - Both have characters after the decimal
      - 438.21
      - S93.401A
    - “Unspecified” codes available to use
  - Require adherence to official coding guidelines under HIPAA
ICD9 and ICD10 Comparison – Differences, Overview

- Core Differences
  - Updated medical terminology
  - Expanded specificity / detail in codes
    - Has led to change from 14K codes to 70K codes
  - Side of body affected has been added to relevant codes
    - I60.11 (subarachnoid hemorrhage, right side)
    - I60.12 (subarachnoid hemorrhage left side)
    - M24.551 (contracture of right hip)
    - M24.552 (contracture, left hip)
    - M24.559 (contracture, unspecified hip)
  - Restructured categories and organization
    - Organization of codes – in tabular form, codes grouped by site rather than type of injury
  - V-Codes and E-Codes incorporated
<table>
<thead>
<tr>
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<th>ICD10</th>
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<tr>
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<td>1\textsuperscript{st} character always alpha</td>
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<tr>
<td>Characters 2 – 5 = numeric</td>
<td>2\textsuperscript{nd} character = numeric</td>
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<tr>
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<td>Characters 3 – 7 can be numeric or alpha</td>
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<td>Decimal used after 3 characters; Alpha characters not case-sensitive (e.g., S93.401A $\leftrightarrow$ S93.401a $\leftrightarrow$ s93.401A)</td>
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<td>CH 1</td>
<td><em>Infectious and Parasitic Diseases</em></td>
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<td>CH 2</td>
<td><em>Neoplasms</em></td>
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<td>CH 3</td>
<td><em>Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders</em></td>
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<td>CH 4</td>
<td><em>Diseases of the Blood and Blood-forming Organs</em></td>
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<td><em>Mental Disorders</em></td>
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<td><em>Diseases of Nervous System and Sense Organs</em></td>
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<td><em>Diseases of the Genitourinary System</em></td>
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<td>CH 11</td>
<td><em>Complications of Pregnancy, Childbirth and the Puerperium</em></td>
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<td>CH 14</td>
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<td>CH 15</td>
<td><em>Newborn (Perinatal) Guidelines</em></td>
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<td>CH 16</td>
<td><em>Signs, Symptoms and ILL-Defined Conditions</em></td>
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<td>CH 17</td>
<td><em>Injury and Poisoning</em></td>
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<td>Pregnancy, Childbirth and the Puerperum</td>
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<td>Certain Conditions Originating in the Perinatal Period</td>
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<td>Congenital Malformations, Deformations and Chromosomal Abnormalities</td>
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<td>Symptoms, Signs and Abnormal Clinical and Laboratory Findings</td>
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<td>-</td>
<td>Injury, Poisoning and Certain Other Consequences of External Causes</td>
</tr>
<tr>
<td>-</td>
<td>External Causes of Morbidity (new)</td>
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</table>
ICD10 Code Selection / Resources

- Downloadable files
  - CMS website
  - No cost
- Purchase Manuals
  - AMA website
  - Optum website
  - HCPRO website
- Purchase on-line coding, vs. “manual”
  - Optum

NOTE: We do not endorse any specific resource; simply sharing those we have experience using.
General Coding Guidelines

- Be as specific as possible
  - Added digits with ICD10
  - Capture details
- Prioritize codes when reporting
  - Focus on primary reasons for treatment first
- Familiarize yourself with resources
  - Chapter organization
  - Symbols, icons, colors
  - Training materials for teams
General Coding Guidelines

- Achieve/maintain consistency with documentation
  - Support use of Evaluation codes
  - Support use of Treatment approaches
- Actual selection:
  - Utilize both alphabetical index and tabular list
  - Added detail in tabular list
Code Selection: Clinical Scenario 1

- 74 year old female
- Fell on ice, at home, sustained right hip fracture
  - Difficulty Walking
  - Pain
- History of CA, HTN, Anemia
CMS website

- Downloadable Alphabetical Index
- Downloadable Tabular code list
Clinical Scenario 1: Code Summary

- 74 year old female
- Fell on ice, at home, sustained right hip fracture
  - Difficulty Walking, R26.2
  - Pain in Right Hip: M25.551
  - Injury: S72.044D
  - Cause of fall: W00.0XXD
- History of CA, HTN, Anemia
ICD-10-CM INDEX TO DISEASES and InJURIES

A

Aarskog's syndrome Q87.1
Abandonment — see Maltreatment
Abasia (-astasia) (hysterical) F44.4
Abderhalden-Kaufmann-Lignac syndrome (cystinosis) E72.04
Abdomen, abdominal — see also condition
- acute R10.0
- angina K55.1
- muscle deficiency syndrome Q79.4
Abdominalgia — see Pain, abdominal
Abduction contracture, hip or other joint — see Contraction, joint
Aberrant (congenital) — see also Malposition, congenital
- adrenal gland Q89.1
- artery (peripheral) Q27.8
- - basilar NEC Q28.1
- - cerebral Q28.3
- - coronary Q24.5
- - digestive system Q27.8
- - eye Q15.8
- - lower limb Q27.8
- - precerebral Q28.1
- - pulmonary Q25.79
- - renal Q27.2
- - retina Q14.1
- stomach K31.82
  - Difficult, difficulty (in)
  - acculturation Z60.3
  - feeding R63.3
  - newborn P92.9
  - breast P92.5
  - specified NEC P92.8
  - nonorganic (infant or child) F98.29
  - intubation, in anesthesia T88.4
  - mechanical, gastroduodenal stoma K91.89
  - causing obstruction K91.3

- reading (developmental) F81.0
  - secondary to emotional disorders F93.9
  - spelling (specific) F81.81
  - with reading disorder F81.89
  - due to inadequate teaching Z55.8
  - swallowing—see Dysphagia
  - walking R26.2
  - work
  - conditions NEC Z56.5
  - schedule Z56.3
ICD-10-CM TABULAR LIST of DISEASES and INJURIES

Table of Contents

1. Certain infectious and parasitic diseases (A00-B99)
2. Neoplasms (C00-D49)
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89)
4. Endocrine, nutritional and metabolic diseases (E00-E89)
5. Mental, Behavioral and Neurodevelopmental disorders (F01-F99)
6. Diseases of the nervous system (G00-G99)
7. Diseases of the eye and adnexa (H00-H59)
8. Diseases of the ear and mastoid process (H60-H95)
9. Diseases of the circulatory system (I00-I99)
10. Diseases of the respiratory system (J00-J99)
11. Diseases of the digestive system (K00-K95)
12. Diseases of the skin and subcutaneous tissue (L00-L99)
13. Diseases of the musculoskeletal system and connective tissue (M00-M99)
14. Diseases of the genitourinary system (N00-N99)
15. Pregnancy, childbirth and the puerperium (O00-O99)
16. Certain conditions originating in the perinatal period (P00-P96)
17. Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)
19. Injury, poisoning and certain other consequences of external causes (S00-T88)
20. External causes of morbidity (V00-Y99)
Chapter 18

Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)

Note: This chapter includes symptoms, signs, abnormal results of clinical or other investigative procedures, and ill-defined conditions regarding which no diagnosis classifiable elsewhere is recorded. Signs and symptoms that point rather definitely to a given diagnosis have been assigned to a category in other chapters of the classification. In general, categories in this chapter include the less well-defined conditions and symptoms that, without the necessary study of the case to establish a final diagnosis, point perhaps equally to two or more diseases or to two or more systems of the body. Practically all categories in the chapter could be designated 'not otherwise specified', 'unknown etiology' or 'transient'. The Alphabetic index should be consulted to determine which symptoms and signs are to be allocated here and which to other chapters. The residual subcategories, numbered .8, are generally provided for other relevant symptoms that cannot be allocated elsewhere in the classification.

The conditions and signs or symptoms included in categories R00-R94 consist of:
(a) cases for which no more specific diagnosis can be made even after all the facts bearing on the case have been investigated;
(b) signs or symptoms existing at the time of initial encounter that proved to be transient and whose causes could not be determined;
(c) provisional diagnosis in a patient who failed to return for further investigation or care;
(d) cases referred elsewhere for investigation or treatment before the diagnosis was made;
(e) cases in which a more precise diagnosis was not available for any other reason;
(f) certain symptoms, for which supplementary information is provided, that represent important problems in medical care in their own right.

Excludes2: abnormal findings on antenatal screening of mother (O28.-)
certain conditions originating in the perinatal period (P04-P96)
signs and symptoms classified in the body system chapters
Excludes1: dyspepsia NOS (R10.13)
functional dyspepsia (K30)

R13 Aphagia and dysphagia

R13.0 Aphagia
Inability to swallow
Excludes1: psychogenic aphagia (F50.9)

R13.1 Dysphagia
Code first, if applicable, dysphagia following cerebrovascular disease (I69. with final characters -91)
Excludes1: psychogenic dysphagia (F45.8)

R13.10 Dysphagia, unspecified
Difficulty in swallowing NOS

R13.11 Dysphagia, oral phase

R13.12 Dysphagia, oropharyngeal phase

R13.13 Dysphagia, pharyngeal phase

R13.14 Dysphagia, pharyngoesophageal phase
hereditary ataxia (G11.-)
locomotor (syphilitic) ataxia (A52.11)
immobility syndrome (paraplegic) (M62.3)

R26.0  Ataxic gait
    Staggering gait

R26.1  Paralytic gait
    Spastic gait

**R26.2  Difficulty in walking, not elsewhere classified**

  Excludes1: falling (R29.6)
    unsteadiness on feet (R26.81)

R26.8  Other abnormalities of gait and mobility

    R26.81  Unsteadiness on feet
    R26.89  Other abnormalities of gait and mobility

R26.9  Unspecified abnormalities of gait and mobility

R27  Other lack of coordination

  Excludes1: ataxic gait (R26.0)
    hereditary ataxia (G11.-)
    vertigo NOS (R42)

R27.0  Ataxia, unspecified

  Excludes1: ataxia following cerebrovascular disease (I69. with final characters -93)

R27.8  Other lack of coordination
Code Selection: Clinical Scenario 1

M25.55 Pain in hip
   M25.551 Pain in right hip
   M25.552 Pain in left hip
   M25.559 Pain in unspecified hip

M25.56 Pain in knee
   M25.561 Pain in right knee
   M25.562 Pain in left knee
   M25.569 Pain in unspecified knee

M25.57 Pain in ankle and joints of foot
   M25.571 Pain in right ankle and joints of right foot
   M25.572 Pain in left ankle and joints of left foot
   M25.579 Pain in unspecified ankle and joints of unspecified foot
This chapter contains the following blocks:

- M00-M02 Infectious arthropathies
- M05-M14 Inflammatory polyarthropathies
- M15-M19 Osteoarthrits
- M20-M25 Other joint disorders
- M26-M27 Dentofacial anomalies (including malocclusion) and other disorders of jaw
- M30-M36 Systemic connective tissue disorders
- M40-M43 Deforming darsopathies
- M45-M49 Spondylopathies
- M50-M54 Other darsopathies
- M60-M63 Disorders of muscles
- M65-M67 Disorders of synovium and tendon
- M70-M79 Other soft tissue disorders
- M80-M85 Disorders of bone density and structure
- M86-M90 Other osteopathies
- M91-M94 Chondropathies
- M95 Other disorders of the musculoskeletal system and connective tissue
- M96 Intraoperative and postprocedural complications and disorders of musculoskeletal system, not elsewhere classified
- M99 Biomechanical lesions, not elsewhere classified
<table>
<thead>
<tr>
<th>Code</th>
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<td>Pain in left hip</td>
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<td>M25.559</td>
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<td>M25.56</td>
<td>Pain in knee</td>
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<td>Pain in right knee</td>
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<td>M25.562</td>
<td>Pain in left knee</td>
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<td>M25.569</td>
<td>Pain in unspecified knee</td>
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<td>M25.57</td>
<td>Pain in ankle and joints of foot</td>
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<td>M25.571</td>
<td>Pain in right ankle and joints of right foot</td>
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<tr>
<td>M25.572</td>
<td>Pain in left ankle and joints of left foot</td>
</tr>
<tr>
<td>M25.579</td>
<td>Pain in unspecified ankle and joints of unspecified foot</td>
</tr>
</tbody>
</table>
Code Selection: Clinical Scenario 1

S72.035  Nondisplaced midcervical fracture of left femur
S72.036  Nondisplaced midcervical fracture of unspecified femur

**S72.04**  Fracture of base of neck of femur
Cervicotomy fracture of femur

S72.041  Displaced fracture of base of neck of right femur
S72.042  Displaced fracture of base of neck of left femur

S72.043  Displaced fracture of base of neck of unspecified femur

**S72.044**  Nondisplaced fracture of base of neck of right femur
S72.045  Nondisplaced fracture of base of neck of left femur
S72.046  Nondisplaced fracture of base of neck of unspecified femur
Code Selection: Clinical Scenario 1

**W00 Fall due to ice and snow**

Includes: pedestrian on foot falling (slipping) on ice and snow

Excludes1: fall on (from) ice and snow involving pedestrian conveyance (V00-)
fall from stairs and steps not due to ice and snow (W10-)

The appropriate 7th character is to be added to each code from category W00
A - initial encounter
D - subsequent encounter
S - sequela

**W00.0 Fall on same level due to ice and snow**

W00.1 Fall from stairs and steps due to ice and snow
W00.2 Other fall from one level to another due to ice and snow
W00.9 Unspecified fall due to ice and snow

**W01 Fall on same level from slipping, tripping and stumbling**

Includes: fall on moving sidewalk

Excludes1: fall due to bumping (striking) against object (W18.0-)
fall in shower or bathtub (W18.2-)
fall on same level NOS (W18.30)
fall on same level from slipping, tripping and stumbling due to ice or snow (W00.0)
fall off of vehicle (W19-)

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Optima
HEALTHCARE SOLUTIONS
Pachyderma, pachydermia L85.9
- larynx (verrucosa) J38.7
Pachydermatocoele (congenital) Q82.8
Pachydermoperiostosis M89.4
- clubbed nail M89.4† L62.0*
Pachygyria Q04.3
Pachymeningitis (adhesive) (basal) (cerebral) (spinal) (see also Meningitis) G03.9
Pachyonychia (congenital) Q84.5
Pacinian tumor (M9507/0) - see Neoplasm, skin, benign
Pad, knuckle or Garrod's M72.1
Paget's disease M88.9
- with infiltrating duct carcinoma (M8541/3) see Neoplasm, breast, malignant
- bone M88.9
- - osteosarcoma in (M9184/3) - see Neoplasm, bone, malignant
- - skull M88.0
- - specified NEC M88.8
- breast (M8540/3) C50.0
- - extramammary (M8542/3) - see also
Pain(s) R52.9
- abdominal R10.4
- - lower abdomen R10.3
- - - pelvic or perineal R10.2
- - severe R10.0
- - upper abdomen R10.1
- acute NEC R52.0
- alimentary R19.8
- anus K62.8
- arm M79.6
- back (postural) M54.9
- - low M54.5
- - psychogenic F45.4
- - specified NEC M54.8
- bladder R39.8
- bone M89.8
- breast N64.4
- - psychogenic F45.4
- cecum R10.3
- chest R07.4
- - anterior wall R07.3
- - ischemic I20.9
Pain(s)—continued
- due to device, implant or graft—continued
  - catheter NEC—continued
  - - infusion NEC T82.8
  - - - spinal (epidural) (subdural) T85.8
  - - - urinary (indwelling) T83.8
  - - electronic (electrode) (pulse generator) (stimulator)
  - - - bone T84.8
  - - - cardiac T82.8
  - - nervous system (brain) (peripheral nerve) (spinal) T85.8
  - - - urinary T83.8
  - - fixation, internal (orthopedic) NEC T84.8
  - - gastrointestinal (bile duct) (esophagus) T85.8
  - - genital NEC T83.8
  - - heart NEC T82.8
  - - infusion NEC T85.8
  - - joint prosthesis T84.8
  - - ocular (corneal graft) (orbital implant) NEC T85.8
  - - orthopedic NEC T84.8
  - - specified NEC T85.8
  - - urinary NEC T83.8
  - - vascular NEC T82.8
  - - ventricular intracranial shunt T85.8
  - ear H92.0
  - epigastric, epigastrium R10.1
  - eye H57.1

Pain(s)—continued
- genital organ
  - - female N94.8
  - - male N50.8
  - - psychogenic F45.4
  - groin R10.3
  - hand M79.6
  - head (see also Headache) R51
  - heart (see also Pain, precordial) R07.2
  - infra-orbital (see also Neuralgia, trigeminal) G50.0
  - internistinal N94.0
  - jaw K10.8
  - joint M25.5
  - - psychogenic F45.4
  - - kidney N23
  - - labor, false or spurious - see Labor, false
  - - leg M79.6
  - - limb (lower) (upper) M79.6
  - - loin M54.5
  - - low back M54.5
  - - lower abdomen R10.3
  - - pelvic or perineal R10.2
  - - lumbar region M54.5
  - - mastoid H92.0
  - - maxilla K10.8
  - - metacarpophalangeal (joint) M25.5
  - - metatarsophalangeal (joint) M25.5
  - - mouth K13.7
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<td>toe M79.67-</td>
<td>toe</td>
</tr>
<tr>
<td>upper M79.60-</td>
<td>upper</td>
</tr>
<tr>
<td>axilla M79.62-</td>
<td>axilla</td>
</tr>
<tr>
<td>finger M79.64-</td>
<td>finger</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>M25.56</td>
<td>Pain in knee (right or unspecified)</td>
</tr>
<tr>
<td>M25.55</td>
<td>Pain in hip</td>
</tr>
<tr>
<td>M25.53</td>
<td>Pain in wrist (right or unspecified)</td>
</tr>
<tr>
<td>M25.52</td>
<td>Pain in elbow</td>
</tr>
<tr>
<td>M25.51</td>
<td>Pain in shoulder</td>
</tr>
<tr>
<td>M25.50</td>
<td>Pain in unspecified joint</td>
</tr>
</tbody>
</table>
Code Selection: Clinical Scenario 2

- 74 year old female, pain in shoulder, muscle atrophy/weakness
- Fell at home, sustained right hip fracture and right shoulder fracture
- History of CA, HTN, Anemia
Code Selection: Clinical Scenario 2

CMS website
- Downloadable Alphabetical Index
- Downloadable Tabular code list
Clinical Scenario 2  Code Summary

- 74 year old female, pain in shoulder, muscle atrophy/weakness
- Fell at home, sustained right shoulder fracture
  - Pain in Right Shoulder:  M25.551
  - Muscle Atrophy/Injury:  M62.511
  - Injury:  S72.044D
  - Cause of fall:  W00.0XXD
- History of CA, HTN, Anemia
Code Selection: Clinical Scenario 2

- foot — see Pain, limb, lower
- gallbladder K82.9
- gas (intestinal) R14.1
- gastric — see Pain, abdominal
- generalized NOS R52
- genital organ
  - - female N84.89
  - - male N50.8
- groin — see Pain, abdominal, lower
- hand — see Pain, limb, upper
- head — see Headache
- heart — see Pain, precordial
- infra-orbital — see Neuralgia, trigeminal
- intercostal R07.82
- intermenstrual N94.0
- jaw R68.84
  - joint M25.59
    - - ankle M25.57-
    - - elbow M25.52-
    - - finger M79.64-
    - - foot M25.57-
    - - hand M79.64-
    - - hip M25.55-
    - - knee M25.56-
  - - shoulder M25.51-
    - - toe M25.57-
    - - wrist M25.53-
    - kidney N23
M25.475  Effusion, left foot
M25.476  Effusion, unspecified foot
M25.48   Effusion, other site

**M25.5  Pain in joint**

Excludes 2:
pain in hand (M79.64-)
pain in fingers (M79.64-)
pain in foot (M79.67-)
pain in limb (M79.6-)
pain in toes (M79.67-)

M25.50  Pain in unspecified joint

**M25.51  Pain in shoulder**

M25.511  Pain in right shoulder
M25.512  Pain in left shoulder
M25.519  Pain in unspecified shoulder

M25.52  Pain in elbow

M25.521  Pain in right elbow
M25.522  Pain in left elbow
M25.529  Pain in unspecified elbow
Code Selection: Clinical Scenario 2

- muscle, muscular (diffuse) (general) (idiopathic) (primary) M62.50
  - ankle M62.57
  - Duchenne-Aran G12.21
  - foot M62.57
  - forearm M62.53
  - hand M62.54
  - infantile spinal G12.0
  - lower leg M62.56
  - multiple sites M62.59
  - myelopathic —see Atrophy, muscle, spinal
  - myotonic G71.11
  - neuritic G53.9
  - neuropathic (peroneal) (progressive) G60.0
  - pelvic (disuse) N81.84
  - peroneal G60.0
  - progressive (bulbar) G12.21
    - adult G12.1
  - infantile (spinal) G12.0
  - spinal G12.9
    - adult G12.1
  - infantile G12.0
  - pseudohypertrophic G71.0
  - shoulder region M62.51
    - specified site NEC M62.58
    - spinal G12.9
M62.5  Muscle wasting and atrophy, not elsewhere classified, unspecified site
M62.51 Muscle wasting and atrophy, not elsewhere classified, shoulder
M62.511 Muscle wasting and atrophy, not elsewhere classified, right shoulder
M62.512 Muscle wasting and atrophy, not elsewhere classified, left shoulder
M62.519 Muscle wasting and atrophy, not elsewhere classified, unspecified shoulder
M62.52 Muscle wasting and atrophy, not elsewhere classified, upper arm
M62.521 Muscle wasting and atrophy, not elsewhere classified, right upper arm
M62.522 Muscle wasting and atrophy, not elsewhere classified, left upper arm
M62.529 Muscle wasting and atrophy, not elsewhere classified, unspecified upper arm
M62.53 Muscle wasting and atrophy, not elsewhere classified, forearm
M62.531 Muscle wasting and atrophy, not elsewhere classified, right forearm
M62.532 Muscle wasting and atrophy, not elsewhere classified, left forearm
M62.539 Muscle wasting and atrophy, not elsewhere classified, unspecified forearm
- thumb — see Fracture, thumb
- healed or old
  - with complications - code by Nature of the complication
- heel bone — see Fracture, tarsal, calcaneus
- Hill-Sachs S42.29-
- hip — see Fracture, femur, neck
  - humerus S42.30-
- anatomical neck — see Fracture, humerus, upper end
- articular process — see Fracture, humerus, lower end
- capitellum — see Fracture, humerus, lower end, condyle, lateral
- distal end — see Fracture, humerus, lower end
- epiphysis
- lower — see Fracture, humerus, lower end, physeal
- upper — see Fracture, humerus, upper end, physeal
- external condyle — see Fracture, humerus, lower end, condyle, lateral
- following insertion of implant, prosthesis or plate M96.82-
- great tuberosity — see Fracture, humerus, upper end, greater tuberosity
- intercondylar — see Fracture, humerus, lower end
- internal epicondyle — see Fracture, humerus, lower end, epicondyle, medial
- lesser tuberosity — see Fracture, humerus, upper end, lesser tuberosity
- lower end S42.40-
  - condyle
  - lateral (displaced) S42.45-
  - nondisplaced S42.45-
  - medial (displaced) S42.46-
  - nondisplaced S42.46-
Code Selection: Clinical Scenario 2

S42.30 Other nondisplaced fracture of upper end of unspecified humerus

**S42.3 Fracture of shaft of humerus**
- Fracture of humerus NOS
- Fracture of upper arm NOS

*Excludes2:* physeal fractures of upper end of humerus (S49.0-)
- physeal fractures of lower end of humerus (S49.1-)

**S42.30 Unspecified fracture of shaft of humerus**

- **S42.301 Unspecified fracture of shaft of humerus, right arm**
- **S42.302 Unspecified fracture of shaft of humerus, left arm**
- **S42.309 Unspecified fracture of shaft of humerus, unspecified arm**

**S42.31 Greenstick fracture of shaft of humerus**

The appropriate 7th character is to be added to all codes in subcategory S42.31
- A - Initial encounter for closed fracture
- D - subsequent encounter for fracture with routine healing
- G - subsequent encounter for fracture with delayed healing
- K - subsequent encounter for fracture with nonunion
- P - subsequent encounter for fracture with malunion
- S - sequela

- **S42.311 Greenstick fracture of shaft of humerus, right arm**
- **S42.312 Greenstick fracture of shaft of humerus, left arm**
- **S42.319 Greenstick fracture of shaft of humerus, unspecified arm**
**W00 Fall due to ice and snow**

*Includes:* pedestrian on foot falling (slipping) on ice and snow

*Excludes1:* fall on (from) ice and snow involving pedestrian conveyance (V00.-)
  - fall from stairs and steps not due to ice and snow (W10.-)

The appropriate 7th character is to be added to each code from category W00
- A - initial encounter
- D - subsequent encounter
- S - sequela

**W00.0 Fall on same level due to ice and snow**

- **W00.1** Fall from stairs and steps due to ice and snow
- **W00.2** Other fall from one level to another due to ice and snow
- **W00.9** Unspecified fall due to ice and snow

**W01 Fall on same level from slipping, tripping and stumbling**

*Includes:* fall on moving sidewalk

*Excludes1:* fall due to bumping (striking) against object (W18.0-)
  - fall in shower or bathtub (W18.2-)
  - fall on same level NOS (W18.30)
  - fall on same level from slipping, tripping and stumbling due to ice or snow (W00.0)
  - fall off of elevated (W10.-)
Code Selection: Clinical Scenario 3

- 84 year old female, dysphagia
- Resident of SNF, suffered stroke
- History of Osteoporosis, Schizophrenia, cataracts
Code Selection: Clinical Scenario 3

CMS website
- Downloadable Alphabetical Index
- Downloadable Tabular code list
• 84 year old female, dysphagia
• Resident of SNF, suffered stroke
• History of Osteoporosis, Schizophrenia, cataracts
• ICD10 Codes:
  • I69.391
  • R13.12
Code Selection: Clinical Scenario 3

- functional (allergic) (congenital) (gastrointestinal) (occupational) (reflex) R50
- intestinal K59.8
- nervous F45.8
- neurotic F45.8
- psychogenic F45.8
  **Dysphagia** R13.10
- cervical R13.19
- following
  - cerebral infarction I69.391
  - cerebrovascular disease I69.991
  - specified NEC I69.891
  - intracerebral hemorrhage I69.191
  - nontraumatic intracranial hemorrhage NEC I69.291
  - specified disease NEC I69.891

- subarachnoid hemorrhage I69.091
- functional (hysterical) F45.8
- hysterical F45.8
- nervous (hysterical) F45.8
- neurogenic R13.19
- oral phase R13.11
  - oropharyngeal phase R13.12
  - pharyngeal phase R13.13
  - pharyngoesophageal phase R13.14
  - psychogenic F45.8
  - sideropenic D50.1
  - spastica K22.4
**ICD-10-CM TABULAR LIST of DISEASES and INJURIES**

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1. **Certain infectious and parasitic diseases (A00-B99)**
2. **Neoplasms (C00-D49)**
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4. **Endocrine, nutritional and metabolic diseases (E00-E89)**
5. **Mental, Behavioral and Neurodevelopmental disorders (F01-F99)**
6. **Diseases of the nervous system (G00-G99)**
7. **Diseases of the eye and adnexa (H00-H59)**
8. **Diseases of the ear and mastoid process (H60-H95)**
9. **Diseases of the circulatory system (I00-I99)**
10. **Diseases of the respiratory system (J00-J99)**
11. **Diseases of the digestive system (K00-K95)**
12. **Diseases of the skin and subcutaneous tissue (L00-L99)**
13. **Diseases of the musculoskeletal system and connective tissue (M00-M99)**
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18. **Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)**
19. **Injury, poisoning and certain other consequences of external causes (S00-T88)**
Code Selection: Clinical Scenario 3

I69.39 Other sequelae of cerebral infarction

I69.390 Apraxia following cerebral infarction

I69.391 Dysphagia following cerebral infarction
   Use additional code to identify the type of dysphagia, if known (R13.1-)

I69.392 Facial weakness following cerebral infarction
   Facial droop following cerebral infarction

I69.393 Ataxia following cerebral Infarction

I69.398 Other sequelae of cerebral infarction
   Alteration of sensation following cerebral infarction
   Disturbance of vision following cerebral infarction
   Use additional code to identify the sequelae

I69.8 Sequelae of other cerebrovascular diseases
   Excludes1: sequelae of traumatic intracranial injury (S06.-)

I69.80 Unspecified sequelae of other cerebrovascular disease

I69.81 Cognitive deficits following other cerebrovascular disease

I69.82 Speech and language deficits following other cerebrovascular disease

I69.820 Aphasia following other cerebrovascular disease

I69.821 Dysphasia following other cerebrovascular disease
Code Selection: Clinical Scenario 3

R11.14 Billious vomiting
   Billious emesis

R11.2 Nausea with vomiting, unspecified
   Persistent nausea with vomiting NOS

R12 Heartburn
   Excludes1: dyspepsia NOS (R10.13)
   functional dyspepsia (K30)

R13 Aphagia and dysphagia

R13.0 Aphagia
   Inability to swallow
   Excludes1: psychogenic aphagia (F50.9)

R13.1 Dysphagia
   Code first, if applicable, dysphagia following cerebrovascular disease (I69. with final characters -91)
   Excludes1: psychogenic dysphagia (F45.8)

R13.10 Dysphagia, unspecified
   Difficulty in swallowing NOS

R13.11 Dysphagia, oral phase

R13.12 Dysphagia, oropharyngeal phase

R13.13 Dysphagia, pharyngeal phase

R13.14 Dysphagia, pharyngoesophageal phase
74 year old male, w/aphasia and apraxia
Intracerebral hemorrhage
History of High Blood Pressure, anticoagulants
Aphasia (amnestic) (global) (nominal) (semantic) (syntactic) R47.01
acquired, with epilepsy (Landau-Kleffner syndrome)
— see Epilepsy, specified NEC
auditory (developmental) F80.2
developmental (receptive type) F80.2
expressive type F80.1
Wernicke's F80.2
following
cerebrovascular disease I69.920
cerebral infarction I69.320
intracerebral hemorrhage I69.120
nontraumatic intracranial hemorrhage NEC I69.220
specified disease NEC I69.820
subarachnoid hemorrhage I69.020
primary progressive G31.01 [F02.80]
with behavioral disturbance G31.01 [F02.81]
progressive isolated G31.01 [F02.80]
with behavioral disturbance G31.01 [F02.81]
sensory F80.2
syphilis, tertiary A52.19
Wernicke's (developmental) F80.2
Aphonia (organic) R49.1
traumatic subarachnoid hemorrhage
Use additional code to identify the sequelae

5th I69.1 Sequelae of nontraumatic intracerebral hemorrhage
I69.10 Unspecified sequelae of nontraumatic intracerebral hemorrhage
I69.11 Cognitive deficits following nontraumatic intracerebral hemorrhage

6th I69.12 Speech and language deficits following nontraumatic intracerebral hemorrhage
I69.120 Aphasia following nontraumatic intracerebral hemorrhage
I69.121 Dysphasia following nontraumatic intracerebral hemorrhage
I69.122 Dysarthria following nontraumatic intracerebral hemorrhage
I69.123 Fluency disorder following nontraumatic intracerebral hemorrhage
Stuttering following nontraumatic subarachnoid hemorrhage
affecting unspecified side

I69.19 Other sequelae of nontraumatic intracerebral hemorrhage

I69.190 Apraxia following nontraumatic intracerebral hemorrhage

I69.191 Dysphagia following nontraumatic intracerebral hemorrhage

Use additional code to identify the type of dysphagia, if known (R13.1-)

I69.192 Facial weakness following nontraumatic intracerebral hemorrhage

Facial droop following nontraumatic intracerebral hemorrhage

I69.193 Ataxia following nontraumatic intracerebral hemorrhage

I69.198 Other sequelae of nontraumatic intracerebral hemorrhage

Alteration of sensations following nontraumatic intracerebral hemorrhage

Disturbance of vision following...
• 74 year old male, w/aphasia and apraxia
• Intracerebral hemorrhage
• History of High Blood Pressure, anticoagulants
• Supportive ICD10 Treatment codes:
  • I69.120: Aphasia following non-traumatic intracerebral hemorrhage
  • I69.190: Apraxia following non-traumatic intracerebral hemorrhage
Code Selection: Clinical Scenario 5

- 73 year old male, difficulty walking, ataxia, shuffling, dysarthria
- Recent decline in function, exacerbation of symptoms, however, without fall or other traumatic event
- History, unremarkable
- esophagus K22.8
- intestine (colon) K63.81
- stomach K31.82

**Difficult, difficulty** (in)
- acculturation Z60.3
- feeding R63.3
- newborn P92.9
- breast P92.5
- specified NEC P92.3
- nonorganic (infant or child) F98.29
- intubation, in anesthesia T88.4
- mechanical, gastroduodenal stoma K91.89
- causing obstruction K91.3

- reading (developmental) F81.0
- secondary to emotional disorders F93.9
- spelling (specific) F81.81
- with reading disorder F81.89
- due to inadequate teaching Z55.8
- swallowing — see Dysphagia

**Difficult — see condition**
- walking R26.2
- work
- conditions NEC Z56.5
- schedule Z56.3

**Difficult — see condition**
Ataxia, ataxy, ataxic R27.0
- acute R27.8
- brain (hereditary) G11.9
- cerebellar (hereditary) G11.9
- with defective DNA repair G11.3
- alcoholic G31.2
- early-onset G11.1
- in
- - alcoholism G31.2
- - myxedema E03.9 [G13.2]
- - neoplastic disease (see also Neoplasm) D49.9 [G13.1]
- - specified disease NEC G32.81
- - late-onset (Marie's) G11.2
- cerebral (hereditary) G11.9
- congenital nonprogressive G11.0
- family, familial — see Ataxia, hereditary
- following
- - cerebrovascular disease I69.993
- - cerebral infarction I69.393
- - intracerebral hemorrhage I69.193
- - nontraumatic intracranial hemorrhage NEC I69.293
- - specified disease NEC I69.893
- - subarachnoid hemorrhage I69.093
- Friedreich's (heredofamilial) (cerebellar) (spinal) G11.1
- gait R26.0
- hysterical F44.4
R26 Abnormalities of gait and mobility

Excludes1: ataxia NOS (R27.0)

hereditary ataxia (G11.-)
locomotor (syphilitic) ataxia (A52.11)
immobility syndrome (paraplegic) (M62.3)

R26.0 Ataxic gait
Staggering gait

R26.1 Paralytic gait
Spastic gait

R26.2 Difficulty in walking, not elsewhere classified
Excludes1: falling (R29.6)
unsteadiness on feet (R26.81)

R26.8 Other abnormalities of gait and mobility
R26.81 Unsteadiness on feet
R26.89 Other abnormalities of gait and mobility
R26.9 Unspecified abnormalities of gait and mobility
Code Selection: Clinical Scenario 5

- hyperfunction E27.0
  - Dysarthria R47.1
    - following
      - - cerebral infarction I69.322
      - - cerebrovascular disease I69.922
      - - - specified disease NEC I69.822
      - - intracerebral hemorrhage I69.122
      - - - nontraumatic intracranial hemorrhage NEC I69.222
      - - subarachnoid hemorrhage I69.022
  Dysautonomia (familial) G90.1
  Dysbarism I70.3
  Dysbasia R26.2
    - angiosclerotic intermittens I73.9
    - hysterical F44.4
    - lordotica (progressiva) G24.1
    - nonorganic origin F44.4
    - psychogenic F44.4
  Dysbeta lipoproteinemia (familial) E78.2
  Dyscalculia R48.8
    - developmental F81.2
  Dyschezia K59.00
  Dyschondroplasia (with hemangioma) Q78.4
  Dyschromia (skin) L31.9
  Dyscollagenosis M35.9
  Dyscranio-pygopo-phalangy Q87.0
  Dyscrasia
    - blood (with) D75.9
    - antepartum hemorrhage —see Hemorrhage, antepartum, with coagulation defect
R47 Speech disturbances, not elsewhere classified

Excludes1: autism (F84.0)
    cluttering (F80.81)
    specific developmental disorders of speech and language (F80.-)
    stuttering (F80.81)

R47.0 Dysphasia and aphasia
    R47.01 Aphasia
        Excludes1: aphasia following cerebrovascular disease (I69. with final characters -20)
        progressive isolated aphasia (G31.01)
    R47.02 Dysphasia
        Excludes1: dysphasia following cerebrovascular disease (I69. with final characters -21)

R47.1 Dysarthria and anarthria
    Excludes1: dysarthria following cerebrovascular disease (I69. with final characters -22)

R47.8 Other speech disturbances
    Excludes1: dysarthria following cerebrovascular disease (I69. with final characters -26)
    R47.81 Slurred speech

R47.82 Fluency disorder in conditions classified elsewhere
    Stuttering in conditions classified elsewhere
    Code first underlying disease or condition, such as:
    Parkinson’s disease (G20)
    Excludes1: adult onset fluency disorder (F98.5)
    childhood onset fluency disorder (F80.81)
    fluency disorder (stuttering) following cerebrovascular disease (I69. with final characters -26)
81 year old female with bladder incontinence
Recent new onset, non-traumatic
History, low vision
- mammogram (due to dense breasts) R92.2
- **Incontinence** R32
  - anal sphincter R15.9
  - feces R15.9
  - nonorganic origin F98.1
  - overflow N39.490
  - psychogenic F45.8
  - rectal R15.9
  - reflex N39.498
- stress (female) (male) N39.3
- and urge N39.46
- urethral sphincter R32
- urge N39.41
- and stress (female) (male) N39.46
- urine (urinary) R32
- and continuous N39.46
- due to cognitive impairment, or severe physical disability or immobility R39.81
- functional R39.81
- mixed (stress and urge) N39.46
- nocturnal N39.44
- nonorganic origin F98.0
- overflow N39.490
- post dribbling N39.43
- reflex N39.498
- specified NEC N39.498
- stress (female) (male) N39.3
- and urge N39.46
- total N39.498
- unaware N39.42
- urge N39.41
- and stress (female) (male) N39.46
**Incontinentia pigmenti** Q82.3
Incoordinate, incoordination
**N39 Other disorders of urinary system**

**Excludes2**: hematuria NOS (R31.-)
- recurrent or persistent hematuria (N02.-)
- recurrent or persistent hematuria with specified morphological lesion (N02.-)
- proteinuria NOS (R80.-)

**N39.0 Urinary tract infection, site not specified**

Use additional code (B95-B97) to identify infectious agent.

**Excludes1**: candidiasis of urinary tract (B37.4-)
- neonatal urinary tract infection (P39.3)
- urinary tract infection of specified site, such as:
  - cystitis (N30.-)
  - urethritis (N34.-)

**N39.3 Stress incontinence (female) (male)**

Code also any associated overactive bladder (N32.81)

**Excludes1**: mixed incontinence (N39.46)

**N39.4 Other specified urinary incontinence**

Code also any associated overactive bladder (N32.81)

**Excludes1**: enuresis NOS (R32)
- functional urinary incontinence (R39.81)
- urinary incontinence associated with cognitive impairment (R39.81)
- urinary incontinence NOS (R32)
- urinary incontinence of nonorganic origin (F98.0)

**N39.41 Urge incontinence**
Code Selection: Clinical Scenario 6

N39.4 Other specified urinary incontinence
  Code also any associated overactive bladder (N32.81)
  Excludes1: enuresis NOS (R32)
    functional urinary incontinence (R39.81)
    urinary incontinence associated with cognitive impairment (R39.81)
    urinary incontinence NOS (R32)
    urinary incontinence of nonorganic origin (F98.0)

N39.41 Urge incontinence
  Excludes1: mixed incontinence (N39.46)

N39.42 Incontinence without sensory awareness

N39.43 Post-void dribbling

N39.44 Nocturnal enuresis

N39.45 Continuous leakage

N39.46 Mixed incontinence
  Urge and stress incontinence

N39.49 Other specified urinary incontinence

N39.499 Overflow incontinence
- function — see also Hypofunction
  - kidney N28.9
  - hematocrit D64.9
  - hemoglobin D64.9
  - income Z59.6
  - level of literacy Z55.0
  - lying
  - kidney N28.89
  - organ or site, congenital — see Malposition, congenital
  - output syndrome (cardiac) — see Failure, heart
  - platelets (blood) — see Thrombocytopenia
  - reserve, kidney N28.89
  - salt syndrome E87.1
  - self esteem R45.81
  - set ears Q17.4
- vision H54.2
  - one eye (other eye normal) H54.50
  - left (normal vision on right) H54.52
  - other eye blind — see Blindness
  - right (normal vision on left) H54.51

**Low-density-lipoprotein-type (LDL) hyperlipoproteinemia** E78.0
**Lowe's syndrome** E72.03
**Lown-Ganong-Levine syndrome** I45.6
H54 Blindness and low vision

Note: For definition of visual impairment categories see table below
Code first any associated underlying cause of the blindness

Excludes: amaurosis fugax (G45.3)

H54.0 Blindness, both eyes
Visual impairment categories 3, 4, 5 in both eyes.

H54.1 Blindness, one eye, low vision other eye
Visual impairment categories 3, 4, 5 in one eye, with categories 1 or 2 in the other eye.

  H54.10 Blindness, one eye, low vision other eye, unspecified eyes
  H54.11 Blindness, right eye, low vision left eye
  H54.12 Blindness, left eye, low vision right eye

H54.2 Low vision, both eyes
Visual impairment categories 1 or 2 in both eyes.

H54.3 Unqualified visual loss, both eyes
Visual impairment category 9 in both eyes.

H54.4 Blindness, one eye
Visual impairment categories 3, 4, 5 in one eye [normal vision in other eye]

  H54.40 Blindness, one eye, unspecified eye
  H54.41 Blindness, right eye, normal vision left eye
  H54.42 Blindness, left eye, normal vision right eye
Excludes1: Legal blindness with specification of impairment level (H54.0-H54.7)

Note: The table below gives a classification of severity of visual impairment recommended by a WHO Study Group on the Prevention of Blindness, Geneva, 6-10 November 1972.

The term 'low vision' in category H54 comprises categories 1 and 2 of the table, the term 'blindness' categories 3, 4 and 5, and the term 'unqualified visual loss' category 9.

If the extent of the visual field is taken into account, patients with a field no greater than 10 but greater than 5 around central fixation should be placed in category 3 and patients with a field no greater than 5 around central fixation should be placed in category 4, even if the central acuity is not impaired.

<table>
<thead>
<tr>
<th>Category of visual impairment</th>
<th>Visual acuity with best possible correction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maximum less than:</td>
</tr>
<tr>
<td></td>
<td>Minimum equal to or better than:</td>
</tr>
<tr>
<td>6/18</td>
<td>6/60</td>
</tr>
<tr>
<td>3/10 (0.3)</td>
<td>1/10 (0.1)</td>
</tr>
<tr>
<td>20/70</td>
<td>20/200</td>
</tr>
<tr>
<td>6/60</td>
<td>3/60</td>
</tr>
<tr>
<td>1/10 (0.1)</td>
<td>1/20 (0.05)</td>
</tr>
<tr>
<td>20/200</td>
<td>20/400</td>
</tr>
<tr>
<td>3/60</td>
<td>1/60 (finger counting at one meter)</td>
</tr>
<tr>
<td>1/20 (0.05)</td>
<td>1/50 (0.02)</td>
</tr>
<tr>
<td>20/400</td>
<td>5/300 (20/1200)</td>
</tr>
<tr>
<td>1/60 (finger counting at one meter)</td>
<td>Light perception</td>
</tr>
<tr>
<td>1/50 (0.02)</td>
<td></td>
</tr>
<tr>
<td>5/300</td>
<td>No light perception</td>
</tr>
<tr>
<td></td>
<td>Undetermined or unspecified</td>
</tr>
</tbody>
</table>
ICD10 Resources

- **CMS website**: [www.cms.gov/icd10](http://www.cms.gov/icd10)
  - Features:
    - Fact Sheets
    - FAQs
    - Implementation guides
    - Checklists
    - Training Videos
    - Email updates
- **AMA website**
- **Manual Resources**
- **Professional Associations**
- **Partner with Vendors**
What to Expect from Software Vendors

• Testing pre-regulatory-go-live of October 1, 2015
  • Customers – data entry
  • Claims
• Configuration options
  • Coding by Payer
  • Strong and timely search engine
    ▪ Key Word
    ▪ ICD9 Mapping
• ICD10 Updates for entire system, such as:
  • Clinical documentation
  • MAC LCDs
  • Interoperability / Interfaces / Export Capabilities
  • Operational and Clinical Reports
  • Direct Bill Claims
• Compliant Transition Plan, ICD9 to ICD10
Recently Published CMS ICD10 “Facts”

- If you cannot submit ICD-10 claims electronically, Medicare offers several options.
- Practices that do not prepare for ICD-10 will not be able to submit claims for services performed on or after October 1, 2015.
- Reimbursement for outpatient and physician office procedures will not be determined by ICD-10 codes.
- Costs could be substantially lower than projected earlier.
- It’s time to transition to ICD-10.
Webinar Reference Materials

- CMS ICD10 Industry communications

- Recent Fact Updates:

- Updated Resources, including Transition, Basics and Talking to Vendors,

- CMS Downloadable code tables:

- MedLearn Matters (MLN) Training Materials and Products:

- CMS sponsored Teleconferences:
Questions &/or Comments

Please contact:
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