Injury Codes Outside of Chapter 17

Donnamaria Pickett*

*Medical Systems Administrator, National Center for Health Statistics, Center for Disease Control and Prevention, Hyattsville, MD

- There are approximately 13,000 codes in ICD-9-CM
- Some of these codes identify injuries
  - Most injury codes are found in Chapter 17
  - Some injuries may be found in Chapters 1-16 and injury related V-codes
  - Some of the codes, though injury-related, may be conditions secondary to the initial injury
- Some codes identify conditions that have an external cause but are not injuries

The objective of this analysis is to identify codes for injuries and conditions in Chapters 1-16 that should be included in data analysis.

For this discussion the following conditions have been excluded: (iatrogenic conditions, occupational conditions (chronic conditions due to long-term exposure to external agent), and drug- and anesthesia-induced conditions.

The ICD classification acknowledges that not all injury codes are located in the Injury and Poisoning chapter of ICD (Chapter 17 in ICD-9 and Chapter 19 in ICD-10).

ICD-9

p. 547, Volume 1, ninth revision, Supplementary Classification of External Causes of Injury and Poisoning: Certain other conditions which may be stated to be due to external causes are classified in Chapters I to XVI of ICD, and for these the "E" code classification should be used as an additional code for multiple-condition analysis only. In mortality tabulation in the U.S. the cases outside of Chapter 17 may be identified through multiple cause analysis only."

ICD-10

p. 103 volume 2, tenth revision, Coding of external causes of morbidity: "For injuries and other conditions due to external causes, both the nature of the condition and the circumstances of the external cause should be coded. The preferred "main condition" code should be that describing the nature of the condition. This will usually, but not always, be classifiable to Chapter 19. The code from chapter 20 indicating the external cause would be used as an optional additional code.
Acute Injuries

A condition or injury that is the immediate and direct result of the external cause of injury

<table>
<thead>
<tr>
<th>Ear</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute swimmer’s ear</td>
<td>380.12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solar retinopathy</td>
<td>363.31</td>
</tr>
<tr>
<td>Choroidal wound or rupture</td>
<td>363.63</td>
</tr>
<tr>
<td>Photokeratitis (includes snowblindness/sun blindness)</td>
<td>370.24</td>
</tr>
<tr>
<td>Superficial injury of cornea due to contact lens</td>
<td>371.82</td>
</tr>
<tr>
<td>Acoustic trauma (explosive) ear</td>
<td>388.11</td>
</tr>
</tbody>
</table>

Secondary and chronic conditions resulting from injuries A condition secondary to the acute injury

<table>
<thead>
<tr>
<th>Infectious Disease</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tetanus</td>
<td>037</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mental health</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-concussion syndrome</td>
<td>310.2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eye</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign body, intraocular, magnetic</td>
<td>360.5x</td>
</tr>
<tr>
<td>Foreign body, intraocular, non-magnetic</td>
<td>360.6x</td>
</tr>
<tr>
<td>Glaucoma due to ocular trauma</td>
<td>365.65</td>
</tr>
<tr>
<td>Traumatic cataract</td>
<td>366.20 - 366.23</td>
</tr>
<tr>
<td>Radiation cataract</td>
<td>366.46</td>
</tr>
<tr>
<td>Retained foreign body, eyelid</td>
<td>374.86</td>
</tr>
<tr>
<td>Foreign body, orbit</td>
<td>376.6</td>
</tr>
<tr>
<td>Retained (old) foreign body following penetrating wound of orbit</td>
<td>376.6</td>
</tr>
</tbody>
</table>
Ear
Acquired stenosis of external ear canal, secondary to trauma 380.51
Retained foreign body, middle ear 385.83
Noise-induced hearing loss 388.12

Skin and Subcutaneous
Foreign body granuloma, skin & subcut. tissue 709.4

Diseases of the Musculoskeletal System and Connective Tissue
Traumatic arthropathy 716.1x
Internal derangement 717.x
Other derangement of joint 718.x Except 718.2x & 718.6x
Traumatic spondylopathy 721.7
Foreign body granuloma, muscle 728.82
Old or residual foreign body in soft tissue 729.6
Malunion of fracture 733.81
Fracture non-union 733.82

Codes Dropped from Consideration

A- Conditions that may be due to an external cause but the condition is not an injury:

Hemoglobinuria caused by training for marathon run 283.2
Contact dermatitis and other eczema 692
Dermatitis due to substances taken internally, drugs 693.1
Dermatitis due to substances taken internally, other substances 693.8
Hives due to cold and heat 708.2 Allergic reaction. Exposure not necessarily excessive to invoke response
Respiratory conditions due to chemical fumes and vapors 506.0 - 506.3

Pneumonitis due to inhalation of oils and essences 507.1

Pneumonitis due to solids and liquids (inhalation) 507.8

Acute pulmonary manifestations due to radiation 508.0 & 508.9

Chronic respiratory conditions due to chemical fumes and vapors 506.4

Unspecified respiratory conditions due to fumes & vapors 506.9

Chronic and other pulmonary manifestations due to radiation 508.1

Respiratory conditions due to other specified external agents 508.8 Includes acute, subacute, & chronic conditions

Respiratory conditions due to unspecified external agent 508.9 Includes acute, subacute & chronic conditions

B- Some codes contain conditions that may be due to trauma or injury. These cases should not be included in the data analysis without verifying the cause.

376.47 Deformity due to trauma or surgery
376.52 Enophthalmos due to trauma or surgery
518.5 Pulmonary insufficiency following trauma and surgery
364.61 Implantation cysts of iris, ciliary body, and anterior chamber due to surgery or trauma
376.52 Enophthalmos due to trauma or surgery
598.1 Traumatic urethral stricture (may be due to trauma or post-obstetrical)
767.0 Subdural and cerebral hemorrhage, which may be due to birth trauma or to intrapartum anoxia or hypoxia

C- Some codes contain injury-related conditions in addition to many other non-injury-related conditions

Retrograde amnesia 780.9 (contains other conditions, such as cold intolerance, hypopyrexia, generalized pain, specified symptoms NEC, etc.)
Injury in pregnancy 648.9 (contains other conditions complicating pregnancy such as malnutrition, diseases of arteries, arterioles and capillaries)

Several mental health codes also fall into this category:

Some codes capture conditions that may be due to an external cause of injury or other than injury (e.g., emotional trauma such as witnessing a violent act):

Post-traumatic amnesia 294.0
Acute situational 308.3
Posttraumatic stress 309.81

D- Obstetrical Codes

Codes 664-665 are not injuries. These conditions are the result of birth process and not an external cause

F- Skin and Subcutaneous

Inflammations, infections and ulcers may be injury-related, but are not the immediate and direct result of an injury.

Abscess/Cellulitis 681 & 682
Acute lymphadenitis 683
Other local infections of skin and subcutaneous tissue 686
Chronic skin ulcer 707

Accident without injuries

Patient without signs and symptoms suspected of having abnormal conditions but upon examination condition is found not to exist

Observation following accident at work V71.3
Observation following MVA V71.4
Observation following alleged rape or seduction V71.5
Observation following inflicted injury (victim or culprit) NEC V71.6
Observation for other specified suspected conditions V71.8
History of injury event

- Personal history presenting hazard to health, physical abuse V15.41
- Personal history presenting hazard to health, injury V15.5
- Personal history presenting hazard to health, poisoning V16.6
- Aftercare involving the use of plastic surgery V51
- Plastic surgery following healed injury or operation
- Other orthopedic aftercare V54.0
- Counseling for victim of spousal and partner abuse V61.11
- Counseling for victim of child abuse V61.21

Newborn Codes

Codes for injuries due to forces of labor or medical/surgical interventions. E-code assigned would be in range of E870-E876 (Misadventures to patients during surgical and medical care).

- Injury to spine and spinal cord due to birth trauma 767.4
- Facial nerve injury due to birth trauma 767.5
- Injury to brachial plexus due to birth trauma 767.6
- Other cranial and peripheral nerve injuries due to birth trauma 767.7
- Other specified birth trauma 767.8
  - Includes: Eye damage
  - Hematoma of: liver (subcapsular), testes, vulva,
  - Rupture of: liver, spleen,
  - Scalpel wound
  - Traumatic glaucoma
- Fetus or newborn affected by maternal injury (conditions classified to 800-995) 760.5

Snowblindness: temporary loss of sight due to injury to superficial cells of the cornea caused by ultraviolet rays of the sun reinforced by those reflected by the sun

Birth injury: Impairment of body function or structure due to adverse influences to which the infant has been subjected at birth

Late Effects of Injuries, Poisonings, Toxic Effects, and Other External Causes

These codes are used as a secondary diagnosis and should never be used as a principal diagnosis. The residual effect (condition produced) after the acute injury has terminated is assigned as the principal diagnosis. Example: shortened arm due to fracture of elbow at growth plate 736.89+905.2.
Late effects of musculoskeletal and connective tissue injuries 905
Late effects of injuries to skin and subcutaneous tissues 906
Late effects of injuries to the nervous system 907
Late effects of other and unspecified injuries 908
Late effects of other and unspecified external causes 909