ICD–10–CM
Are You Prepared? Part X
Odds and Ends and Recap

Rebecca H. Wartman OD
October 2014

With contributions from Doug Morrow OD & Harvey Richman OD
Overview

This webinar will provide an introduction to ICD–10–CM coding changes and begin your preparation.

There will be more information coming in the next few months to further prepare you for the change to ICD–10–CM.
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Rebecca H. Wartman O.D  Douglas C. Morrow O.D  Harvey B. Richman O.D
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Outline for ICD–10–CM Webinars
Are you prepared? 10 Part Series

January 10, 2014  Introduction to ICD–10–CM Coding System
February 14, 2014  ICD–10–CM More Basics
March 21, 2014  ICD–10–CM Coding: Lids to Lens
April 11, 2014  ICD–10–CM Coding: Posterior Segment
May 23, 2014  ICD–10–CM Coding: Glaucoma–Optic Pathways
June 20, 2014  ICD–10–CM Coding: Refraction, Muscles, Disturbances
July 11, 2014  ICD–10–CM Coding: Diabetes and other systemic disease
August 8, 2014  ICD–10–CM Coding: Common Ocular Infection and Injury
September 12, 2014  ICD–10–CM Coding: Post–procedural Complications
October 17, 2014  ICD–10–CM Coding: Odds and Ends and Recap

All webinars are recorded and will be posted to the AOA Eyelearn site within 3–5 business days following the live presentation.
Topics for this Webinar

- ICD–10–CM delay
- Neonatal nasolacrimal duct obstruction
- Corneal transplant complications
- High risk medications
- Orbital fractures
- Ocular burns
- Chapter 18 Symptom Coding
- Chapter 21 Z Coding
- Summary Points
- Take home message
- Resources

Specific coding examples sprinkled throughout presentation
"The U.S. Department of Health and Human Services (HHS) issued a rule today finalizing Oct. 1, 2015 as the new compliance date for health care providers, health plans, and health care clearinghouses to transition to ICD-10, the tenth revision of the International Classification of Diseases.

This deadline allows providers, insurance companies and others in the health care industry time to ramp up their operations to ensure their systems and business processes are ready to go on Oct. 1, 2015.”
Nasolacrimial-No
Neonatal – No
Obstruction- Yes

Neonatal Nasolacrimal Obstruction OU Example

Alphabetic Index

Nasolachrymal, nasolacrimial —see condition
Neonatal —see also Newborn
- acne L70.4
- bradycardia P29.12
- tachycardia P29.11
- screening, abnormal findings on P09
- tooth, teeth K00.6

Obstruction, obstructed, obstructive
- nasolacrimal duct —see also Obstruction, lacrimal
  - congenital Q10.5
  - lacrimal (passages) (duct)
  - by
    - dacyolith —see Dacryolith
    - stenosis —see Stenosis, lacrimal
    - congenital Q10.5
  - neonatal H04.53-
- lacrimonasal duct —see Obstruction, lacrimal

Congenital vs Neonatal??
Congenital vs Neonatal??

Neonatal Nasolacrimal Obstruction is typically just a normal opening that has not opened yet

Thus find code under Neonatal, not congenital, in this case

Go to Tabular Listing H04.53-
Neonatal Nasolacrimal Obstruction OU Example Tabular Listing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H04.53</td>
<td>Neonatal obstruction of nasolacrimal duct</td>
</tr>
<tr>
<td>Excludes1:</td>
<td>congenital stenosis and stricture of lacrimal duct (Q10.5)</td>
</tr>
<tr>
<td>H04.531</td>
<td>Neonatal obstruction of right nasolacrimal duct</td>
</tr>
<tr>
<td>H04.532</td>
<td>Neonatal obstruction of left nasolacrimal duct</td>
</tr>
<tr>
<td>H04.533</td>
<td>Neonatal obstruction of bilateral nasolacrimal duct</td>
</tr>
<tr>
<td>H04.539</td>
<td>Neonatal obstruction of unspecified nasolacrimal duct</td>
</tr>
</tbody>
</table>

After deciding congenital vs neonatal issue, the code choice is easy, yet again H04.533
Corneal Transplant Complications
Alphabetical Index

Transplant (ed) (status) Z94.9
- awaiting organ Z76.82
- bone Z94.6
- - marrow Z94.81
- candidate Z76.82
- complication —see Complication, transplant
- cornea Z94.7

Complication (s) (from) (of)
- transplant T86.90
  - - cornea T86.849
  - - - failure T86.841
Corneal Transplant Complications
Tabular Listing

**Z94 Transplanted organ and tissue status**

*Includes:* organ or tissue replaced by heterogenous or homogenous transplant

*Excludes1:* complications of transplanted organ or tissue - see Alphabetical Index

*Excludes2:* presence of vascular grafts (Z95.-)

**Z94.7 Corneal transplant status**

Important to read all Includes and Excludes1 and Excludes2 notes

Use Z94.7 when NO complications noted
Corneal Transplant Complications
Tabular Listing

T86 Complications of transplanted organs and tissue
Use additional code to identify other transplant complications, such as:
- graft-versus-host disease (D89.81-)
- malignancy associated with organ transplant (C80.2)
- post-transplant lymphoproliferative disorders (PTLD) (D47.Z1)

T86.84 Complications of corneal transplant
Excludes2: mechanical complications of corneal graft (T85.3-)

T86.840 Corneal transplant rejection
T86.841 Corneal transplant failure
T86.842 Corneal transplant infection
Use additional code to specify infection
T86.848 Other complications of corneal transplant
T86.849 Unspecified complication of corneal transplant
Corneal Transplant Complications

Tabular Listing

**MECHANICAL!**

**Dreaded 7\textsuperscript{Th}!**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T85</td>
<td>Complications of other internal prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>\textbf{Excludes2:} failure and rejection of transplanted organs and tissue (T86.-)</td>
</tr>
<tr>
<td></td>
<td>The appropriate 7\textsuperscript{th} character is to be added to each code from category T85</td>
</tr>
<tr>
<td></td>
<td>A - initial encounter</td>
</tr>
<tr>
<td></td>
<td>D - subsequent encounter</td>
</tr>
<tr>
<td></td>
<td>S - sequela</td>
</tr>
<tr>
<td>T85.3</td>
<td>Mechanical complication of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>\textbf{Excludes2:} other complications of corneal graft (T86.84-)</td>
</tr>
<tr>
<td>T85.31</td>
<td>Breakdown (mechanical) of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>T85.310 Breakdown (mechanical) of prosthetic orbit of right eye</td>
</tr>
<tr>
<td></td>
<td>T85.311 Breakdown (mechanical) of prosthetic orbit of left eye</td>
</tr>
<tr>
<td></td>
<td>T85.318 Breakdown (mechanical) of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td>T85.32</td>
<td>Displacement of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>Malposition of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>T85.320 Displacement of prosthetic orbit of right eye</td>
</tr>
<tr>
<td></td>
<td>T85.321 Displacement of prosthetic orbit of left eye</td>
</tr>
<tr>
<td></td>
<td>T85.328 Displacement of other ocular prosthetic devices, implants and grafts</td>
</tr>
</tbody>
</table>
### Corneal Transplant Complications Tabular Listing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T85.39</td>
<td>Other mechanical complication of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>Obstruction (mechanical) of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>Perforation of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td></td>
<td>Protrusion of other ocular prosthetic devices, implants and grafts</td>
</tr>
<tr>
<td>T85.390</td>
<td>Other mechanical complication of prosthetic orbit of right eye</td>
</tr>
<tr>
<td>T85.391</td>
<td>Other mechanical complication of prosthetic orbit of left eye</td>
</tr>
<tr>
<td>T85.398</td>
<td>Other mechanical complication of other ocular prosthetic devices, implants and grafts</td>
</tr>
</tbody>
</table>

**Note:** These codes are indicated for transplants as well but use the term “prosthetic” to include corneal transplants (grafts) - divided into type of mechanical complication.
Corneal Transplant Complication Example: Transplant Rejection OD

Complication(s) (from) (of)
· transplant T86.90
  - - cornea T86.849
  - - - failure T86.841

Alphabetic Index under Complications points to T86.84- section

T86.84 Complications of corneal transplant
   Excludes2: mechanical complications of corneal graft (T85.3-)

T86.840 Corneal transplant rejection
T86.841 Corneal transplant failure
T86.842 Corneal transplant infection
   Use additional code to specify infection
T86.848 Other complications of corneal transplant
T86.849 Unspecified complication of corneal transplant

Final Answer T86.840 NOT per eye!!
1. Find medication in Table of Drugs and Chemicals
2. Scan over to Adverse effects or appropriate column
3. Find code and review in Tabular Listing
High Risk Medications
Tabular Listing

Poisoning by, adverse effects of and underdosing of drugs, medicaments and biological substances (T36-T50)

Includes: adverse effect of correct substance properly administered
poisoning by overdose of substance
poisoning by wrong substance given or taken in error
underdosing by (inadvertently) (deliberately) taking less substance than prescribed or instructed

Code first, for adverse effects, the nature of the adverse effect, such as:
adverse effect NOS (T88.7)
 aspirin gastritis (K29.-)
 blood disorders (D56-D76)
 contact dermatitis (L23-L25)
 dermatitis due to substances taken internally (L27.-)
nephropathy (N14.0-N14.2)

Note: The drug giving rise to the adverse effect should be identified by use of codes from categories T36-T50 with fifth or sixth character 5.

Use additional code(s) to specify:
manifestations of poisoning
underdosing or failure in dosage during medical and surgical care (Y63.6, Y63.8-Y63.9)
underdosing of medication regimen (Z91.12-, Z91.13-)

Note: Code First notes
What is the adverse effect?

Use Additional code note for poisoning or under-dosing
High Risk Medications
Tabular Listing

Excludes1: toxic reaction to local anesthesia in pregnancy (O29.3-)
Excludes2: abuse and dependence of psychoactive substances (F10-F19)
abuse of non-dependence-producing substances (F55.-)
drug reaction and poisoning affecting newborn (P00-P96)
pathological drug intoxication (inebriation) (F10-F19)

Note Excludes1 and Excludes2 notes

T46 Poisoning by, adverse effect of and underdosing of agents primarily affecting the cardiovascular system
Excludes1: poisoning by, adverse effect of and underdosing of metaraminol (T44.4)
The appropriate 7th character is to be added to each code from category T46
A - initial encounter
D - subsequent encounter
S - sequela

DREADED 7th!
### High Risk Medications Tabular Listing

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T46.2</td>
<td>Poisoning by, adverse effect of and underdosing of other antidysrhythmic drugs, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td><strong>Excludes</strong>: poisoning by, adverse effect of and underdosing of beta-adrenoreceptor antagonists (T44.7-7.9)</td>
</tr>
<tr>
<td>T46.2X</td>
<td>Poisoning by, adverse effect of and underdosing of other antidysrhythmic drugs</td>
</tr>
<tr>
<td>T46.2X1</td>
<td>Poisoning by other antidysrhythmic drugs, accidental (unintentional)</td>
</tr>
<tr>
<td></td>
<td>Poisoning by other antidysrhythmic drugs NOS</td>
</tr>
<tr>
<td>T46.2X2</td>
<td>Poisoning by other antidysrhythmic drugs, intentional self-harm</td>
</tr>
<tr>
<td>T46.2X3</td>
<td>Poisoning by other antidysrhythmic drugs, assault</td>
</tr>
<tr>
<td>T46.2X4</td>
<td>Poisoning by other antidysrhythmic drugs, undetermined</td>
</tr>
<tr>
<td>T46.2X5</td>
<td>Adverse effect of other antidysrhythmic drugs</td>
</tr>
<tr>
<td>T46.2X6</td>
<td>Underdosing of other antidysrhythmic drugs</td>
</tr>
</tbody>
</table>

**IF ADVERSE effect of amiodarone:**
- T46.2X5A initial visit
- T46.2X5D subsequent visit
- T46.2X5S sequela
For no adverse impact:

Other medications are covered in this section.
Neuritis (rheumatoid) M79.2
- optic (nerve) (hereditary) (sympathetic) H46.9
  - with demyelination G36.0
  - in myelitis G36.0
  - nutritional H46.2
  - papillitis —see Papillitis, optic
  - retrobulbar H46.1
  - specified type NEC H46.8
  - toxic H46.3
Optic neuritis OS from Amiodarone

H46 Optic neuritis

Excludes2: ischemic optic neuropathy (H47.01-)
neuromyelitis optica [Devic] (G36.0)

H46.3 Toxic optic neuropathy

Code first (T51-T65) to identify cause

T51-T65 Toxic effects of substances chiefly nonmedicinal as to source

But recall note in Alphabetic Index stating that T51-T65 would be used when toxicity is mainly Non-medical
Optic neuritis OS from Amiodarone

Poisoning by, adverse effects of and underdosing of drugs, medicaments and biological substances (T36-T50)

T46 Poisoning by, adverse effect of and underdosing of agents primarily affecting the cardiovascular system

Excludes1: poisoning by, adverse effect of and underdosing of metaraminol (T44.4)

The appropriate 7th character is to be added to each code from category T46

A - initial encounter
D - subsequent encounter
S - sequela

T46.2 Poisoning by, adverse effect of and underdosing of other antidysrhythmic drugs, not elsewhere classified

Excludes1: poisoning by, adverse effect of and underdosing of beta-adrenoreceptor antagonists (T44.7-)

T46.2X5 Adverse effect of other antidysrhythmic drugs
T46.2X6 Underdosing of other antidysrhythmic drugs

High risk amiodarone with complication, initial visit
T46.2X5A Without complications: Z79.899
Optic neuritis OS from Amiodarone

High risk amiodarone with complication of optic neuritis
Initial Visit
H46.3
T46.2X5A
Orbital Fractures

Fracture, traumatic (abduction) (adduction) (separation) (see also Fracture, pathological) T14.8
- blow-out S02.3
- ethmoid (bone) (sinus) — see Fracture, skull, base
- sinus (ethmoid) (frontal) S02.19
- orbit, orbital (bone) (region) S02.8
  - floor (blow-out) S02.3
  - roof S02.19

S02. - section of Tabular

Injury, poisoning and certain other consequences of external causes (S00-T88)
Note: Use secondary code(s) from Chapter 20, External causes of morbidity, to indicate cause of injury. Codes within the T section that include the external cause do not require an additional external cause code

Use additional code to identify any retained foreign body, if applicable (Z18.-)

Excludes1: birth trauma (P10-P15)
  obstetric trauma (O70-O71)

Note: The chapter uses the S-section for coding different types of injuries related to single body regions and the T-section to cover injuries to unspecified body regions as well as poisoning and certain other consequences of external causes.
Orbital Fractures

S02 Fracture of skull and facial bones

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

Code also any associated intracranial injury (S06.-)

The appropriate 7th character is to be added to each code from category S02
A - initial encounter for closed fracture
B - initial encounter for open fracture
D - subsequent encounter for fracture with routine healing
G - subsequent encounter for fracture with delayed healing
K - subsequent encounter for fracture with nonunion
S - sequela

Note additional 7th characters for initial visits with open vs closed fractures and subsequent visits
Orbital Fractures

Code for blow out fracture, closed, initial visit would be S02.3XXA (in addition to the external cause codes)

Blow out Fracture
Ocular Burns

• Ocular burns classified under different types:
  – Thermal
  – Acid
  – Alkaline
  – Other??

• How coded varies with the burn type
• Example for corneal burns
• Could also be eyelid skin burns as well
Ocular Burns - Alphabetic Index

Burn (electricity) (flame) (hot gas, liquid or hot object) (radiation) (steam) (thermal) T30.0
  - conjunctiva (and cornea) — see Burn, cornea
  - cornea (and conjunctiva) T26.1-
    - - chemical — see Corrosion, cornea
  - corrosion (external) (internal) — see Corrosion, by site
    - eye (s) and adnexa T26.4-
      - - with resulting rupture and destruction of eyeball T26.2-
      - - conjunctival sac — see Burn, cornea
      - - cornea — see Burn, cornea
      - - lid — see Burn, eyelid
      - - periocular area — see Burn, eyelid
    - - specified site NEC T26.3-
      - eyeball — see Burn, eye
      - eyelid (s) T26.0-
        - - chemical — see Corrosion, eyelid

Chemical burns under corrosion

Thermal ocular burns under T26.-
Ocular Burns–Alphabetic Index

Corrosion (injury) (acid) (caustic) (chemical) (lime) (external) (internal) T30.4
- conjunctiva (and cornea) —see Corrosion, cornea
- cornea (and conjunctiva) T26.6-
  - eye (s) and adnexa T26.9-
  - - with resulting rupture and destruction of eyeball T26.7-
  - - conjunctival sac —see Corrosion, cornea
  - - cornea —see Corrosion, cornea
  - - lid —see Corrosion, eyelid
  - - periocular area —see Corrosion eyelid
  - - specified site NEC T26.8-
  - eyeball —see Corrosion, eye
  - eyelid (s) T26.5-

Chemical burns- corrosion-
also found under T26.-
section of Tabular Listing
**Ocular Burns-Tabular Listing**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>T26</td>
<td>Burn and corrosion confined to eye and adnexa</td>
</tr>
<tr>
<td></td>
<td>The appropriate 7th character is to be added to each code from category T26</td>
</tr>
<tr>
<td></td>
<td>A - initial encounter</td>
</tr>
<tr>
<td></td>
<td>D - subsequent encounter</td>
</tr>
<tr>
<td></td>
<td>S - sequela</td>
</tr>
<tr>
<td>T26.0</td>
<td>Burn of eyelid and periorcular area</td>
</tr>
<tr>
<td></td>
<td>Use additional external cause code to identify the source, place and intent of the burn (X00-X19, X75-X77, X96-X98, Y92)</td>
</tr>
<tr>
<td>T26.00</td>
<td>Burn of unspecified eyelid and periorcular area</td>
</tr>
<tr>
<td>T26.01</td>
<td>Burn of right eyelid and periorcular area</td>
</tr>
<tr>
<td>T26.02</td>
<td>Burn of left eyelid and periorcular area</td>
</tr>
<tr>
<td>T26.1</td>
<td>Burn of cornea and conjunctival sac</td>
</tr>
<tr>
<td>T26.2</td>
<td>Burn with resulting rupture and destruction of eyeball</td>
</tr>
<tr>
<td>T26.3</td>
<td>Burns of other specified parts of eye and adnexa</td>
</tr>
<tr>
<td>T26.4</td>
<td>Burn of eye and adnexa, part unspecified</td>
</tr>
</tbody>
</table>

Each of these sections is divided just like T26.0-
Ocular Burns-Tabular Listing

T26.5 Corrosion of eyelid and periorcular area
   Code first (T51-T65) to identify chemical and intent
   Use additional external cause code to identify place (Y92)
T26.50 Corrosion of unspecified eyelid and periorcular area
T26.51 Corrosion of right eyelid and periorcular area
T26.52 Corrosion of left eyelid and periorcular area
T26.6 Corrosion of cornea and conjunctival sac
T26.7 Corrosion with resulting rupture and destruction of eyeball
T26.8 Corrosions of other specified parts of eye and adnexa
T26.9 Corrosion of eye and adnexa, part unspecified

Note requirement to code the chemical and intent along with the External Cause code for place.
Corneal Burn from Lye Splash Left eye Accidental, Home, Initial

**Corrosion** (injury) (acid) (caustic) (chemical) (lime) (external) (internal) T30.4
- conjunctiva (and cornea) — see Corrosion, cornea
- cornea (and conjunctiva) T26.6-

T26 Burn and corrosion confined to eye and adnexa
The appropriate 7th character is to be added to each code from category T26
A - initial encounter
D - subsequent encounter
S - sequela

T26.6 Corrosion of cornea and conjunctival sac
Code first (T51-T65) to identify chemical and intent
Use additional external cause code to identify place (Y92)
T26.60 Corrosion of cornea and conjunctival sac, unspecified eye
T26.61 Corrosion of cornea and conjunctival sac, right eye
T26.62 Corrosion of cornea and conjunctival sac, left eye

Need T26.62XA, chemical code and External Cause Code

American Optometric Association
Corneal Burn from Lye Splash
Left eye Accidental, Home, Initial

T54 Toxic effect of corrosive substances
The appropriate 7th character is to be added to each code from category T54
A - initial encounter
D - subsequent encounter
S - sequela

T54.3 Toxic effects of corrosive alkalis and alkali-like substances
Toxic effects of potassium hydroxide
Toxic effects of sodium hydroxide

T54.3X Toxic effects of corrosive alkalis and alkali-like substances
T54.3X1 Toxic effect of corrosive alkalis and alkali-like substances, accidental (unintentional)
Toxic effects of corrosive alkalis and alkali-like substances NOS

Primary Code: T54.3X1A
Corneal Burn from Lye Splash
Left eye Accidental, Home, Initial

Y92.009  Unspecified place in unspecified non-institutional (private) residence as the place of occurrence of the external cause
        Home (NOS) as the place of occurrence of the external cause

Assume do not know WHERE at home injury happened
Use more specific Place code if known

Initial Visit Codes: T54.3X1A, T26.62XA, Y92.009
Follow Up Visit: T54.3X1D, T26.62XD
Chapter 18 Symptom Codes

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.

Use Guidelines
1. More specific diagnosis cannot be determined
2. Transient signs/symptoms with no definitive diagnosis
3. Provisional diagnosis for patient who fails to return
4. Cases referred elsewhere for diagnosis
5. More precise diagnosis not found
6. Symptoms are important as secondary to diagnosis
Chapter 18 Symptom Codes

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 signs and symptoms of breast (N63, N64.5)

Make sure your symptoms are not classified in Chapter 7 or elsewhere

Generally, ocular signs and symptoms are NOT found in this chapter
Chapter 18 Symptom Codes

R42  Dizziness and giddiness
    Light-headedness
    Vertigo NOS

Excludes1: vertiginous syndromes (H81.-)
          vertigo from infrasound (T75.23)

R44.1 Visual hallucinations

R51  Headache
    Facial pain NOS

Excludes1: atypical face pain (G50.1)
          migraine and other headache syndromes (G43-G44)
          trigeminal neuralgia (G50.0)

R52  Pain, unspecified
    Acute pain NOS
    Generalized pain NOS
    Pain NOS

Excludes1: eye pain (H57.1)

Again, make sure symptoms is not listed elsewhere

Only a few applicable for eye care

Detailed discussion of ocular pain in presentation IX
Ocular Symptom Codes
Alphabetic Index

Asthenopia — see also Discomfort, visual
- hysterical F44.6
- psychogenic F44.6

Discomfort
- chest R07.89
- visual H53.14-

Epiphora H04.20-
- due to
  - excess lacrimation H04.21-
  - insufficient drainage H04.22-

Hyphema H21.0-
- traumatic S05.1-

Metamorphopsia H53.15

Photophobia H53.14-

Photopsia H53.19

Sensitive, sensitivity — see also Allergy
- visual
  - glare H53.71
  - impaired contrast H53.72

American Optometric Association
Ocular Symptom Codes
Alphabetic Index

Disturbance(s) — see also Disease
- vision, visual H53.9
- following
- - cerebral infarction I69.398
- - cerebrovascular disease I69.998
- - - specified NEC I69.898
- - - intracerebral hemorrhage I69.198
- - - nontraumatic intracranial hemorrhage NEC I69.298
- - - specified disease NEC I69.898
- - - subarachnoid hemorrhage I69.098
- - psychophysical H53.16
- - specified NEC H53.8
- - subjective H53.10
- - day blindness H53.11
- - discomfort H53.14-
- - distortions of shape and size H53.15
- - loss
- - - sudden H53.13-
- - - transient H53.12-
- - - specified type NEC H53.19

Many symptoms in this section!!

Charles Bonnet Syndrome would be H53.16 OR R48.3

R48.3 Visual agnosia
Prosopagnosia
Simultanagnosia (asimultagnosia)
## Ocular Symptom Codes

### Tabular Listing

**H53.1 Subjective visual disturbances**

*Excludes1: subjective visual disturbances due to vitamin A deficiency (E50.5)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H53.14</td>
<td>Visual discomfort</td>
</tr>
<tr>
<td></td>
<td>Asthenopia</td>
</tr>
<tr>
<td></td>
<td>Photophobia</td>
</tr>
<tr>
<td></td>
<td>H53.141 Visual discomfort, right eye</td>
</tr>
<tr>
<td></td>
<td>H53.142 Visual discomfort, left eye</td>
</tr>
<tr>
<td></td>
<td>H53.143 Visual discomfort, bilateral</td>
</tr>
<tr>
<td></td>
<td>H53.149 Visual discomfort, unspecified</td>
</tr>
</tbody>
</table>

**H53.15 Visual distortions of shape and size**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Metamorphopsia</td>
</tr>
</tbody>
</table>

**H53.16 Psychophysical visual disturbances**

### Reference Alphabetic Index to ensure using proper symptom codes

**H53.7 Vision sensitivity deficiencies**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H53.71</td>
<td>Glare sensitivity</td>
</tr>
<tr>
<td>H53.72</td>
<td>Impaired contrast sensitivity</td>
</tr>
</tbody>
</table>

**H53.8 Other visual disturbances**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H53.8</td>
<td>Other visual disturbances</td>
</tr>
<tr>
<td>H53.9</td>
<td>Unspecified visual disturbance</td>
</tr>
</tbody>
</table>

**H53.2 Diplopia**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Double vision</td>
</tr>
</tbody>
</table>

American Optometric Association
Chapter 21 Z Code Use

Factors influencing health status and contact with health services (Z00-Z99)

History (of) Z codes (Z80-Z92):

1. Personal
   a) past medical condition no longer exists
   b) not receiving treatment
   c) potential recurrence
   d) require continued monitoring

2. Family
   a) family member(s) with particular disease
   b) patient at higher risk of also contracting disease
   c) may be used in conjunction with follow-up codes
   d) may be used in conjunction with screening codes to explain necessity

3. History codes acceptable as may alter future treatment needs
Chapter 21 Z Code Use

Factors influencing health status and contact with health services (Z00-Z99)

Screening Z codes (Z11-13 & Z36):

Screening = testing for disease or disease precursors in seemingly well individuals so that early detection and treatment can be provided, if positive

Not screening ≠ testing to rule out/confirm suspected diagnosis due to some sign or symptom = diagnostic examination

- If condition discovered during screening exam ➤ code condition as additional diagnosis.
- Z code indicates that screening exam is planned
Chapter 21 Z Code Use

Factors influencing health status and contact with health services (Z00-Z99)

Observation Z codes (Z03-Z04):
Use in very limited circumstances
Patient observed for a suspected condition that is ruled out

observation codes are **not** used if injury or illness or any signs or symptoms related to the suspected condition are present

Observation codes are used as principal diagnosis only

- Z03 Encounter for medical observation for suspected diseases and conditions ruled out
- Z04 Encounter for examination and observation for other reasons
- Except: Z04.9, Encounter for examination and observation for unspecified reason
Other Encounter Diagnoses

**Z01** Encounter for other special examination without complaint, suspected or reported diagnosis

*Includes:* routine examination of specific system

*Note:* Codes from category Z01 represent the reason for the encounter. A separate procedure code is required to identify any examinations or procedures performed.

*Excludes1:* encounter for examination for administrative purposes (Z02.--) 
- encounter for examination for suspected conditions, proven not to exist (Z03.-)
- encounter for laboratory and radiologic examinations as a component of general medical examinations (Z00.0)
- encounter for laboratory, radiologic and imaging examinations for sign(s) and symptom(s) - code to the sign(s) or symptom(s)

*Excludes2:* screening examinations (Z11-Z13)

**Z01.0** Encounter for examination of eyes and vision

*Excludes1:* examination for driving license (Z02.4)

**Z01.00** Encounter for examination of eyes and vision without abnormal findings

**Z01.01** Encounter for examination of eyes and vision with abnormal findings

*Use additional* code to identify abnormal findings

---

Well Vision without any abnormal findings

Z01.00 ► V72.0 (ICD-9-CM)
Other Encounter Diagnoses

Z01.01  Encounter for examination of eyes and vision with abnormal findings
       Use additional code to identify abnormal findings

Use with additional codes to indicate ANY abnormal findings when no chief complaint or past ocular history known

Z02  Encounter for administrative examination

This section ➤well codes for Driver’s License exam, school physical etc
Other Encounter Diagnoses

Z03 Encounter for medical observation for suspected diseases and conditions ruled out
This category is to be used when a person without a diagnosis is suspected of having an abnormal condition, without signs or symptoms, which requires study, but after examination and observation, is ruled out. This category is also for use for administrative and legal observation status.

Excludes:
- contact with and (suspected) exposures hazardous to health (Z77.-)
- newborn observation for suspected condition, ruled out (P00-P04)
- person with feared complaint in whom no diagnosis is made (Z71.1)
- signs or symptoms under study- code to signs or symptoms

Z03.6 Encounter for observation for suspected toxic effect from ingested substance ruled out
- Encounter for observation for suspected adverse effect from drug
- Encounter for observation for suspected poisoning

Z03.7 Encounter for suspected maternal and fetal conditions ruled out
- Encounter for suspected maternal and fetal conditions not found

Z03.8 Encounter for observation for other suspected diseases and conditions ruled out

Z03.81 Encounter for observation for suspected exposure to biological agents ruled out
- Z03.810 Encounter for observation for suspected exposure to anthrax ruled out
- Z03.818 Encounter for observation for suspected exposure to other biological agents ruled out

Z03.89 Encounter for observation for other suspected diseases and conditions ruled out
Other Encounter Diagnoses

Z08  Encounter for follow-up examination after completed treatment for malignant neoplasm
Medical surveillance following completed treatment
Use additional code to identify any acquired absence of organs (Z90.-)
Use additional code to identify the personal history of malignant neoplasm (Z85.-)
Excludes1: aftercare following medical care (Z43-Z49, Z51)

Might use when monitoring for metastatic disease in eye

Z09  Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm
Medical surveillance following completed treatment
Use additional code to identify any applicable history of disease code (Z86.-, Z87.-)
Excludes1: aftercare following medical care (Z43-Z49, Z51)
surveillance of contraception (Z30.4-)
surveillance of prosthetic and other medical devices (Z44-Z46)

Might use when monitoring for disease complications in eye
Other Encounter Diagnoses

**Z12 Encounter for screening for malignant neoplasms**

Screening is the testing for disease or disease precursors in asymptomatic individuals so that early detection and treatment can be provided for those who test positive for the disease.

Use additional code to identify any family history of malignant neoplasm (Z80.-)

Excludes1: encounter for diagnostic examination-code to sign or symptom

**Z12.8 Encounter for screening for malignant neoplasm of other sites**

- **Z12.81** Encounter for screening for malignant neoplasm of oral cavity
- **Z12.82** Encounter for screening for malignant neoplasm of nervous system
- **Z12.83** Encounter for screening for malignant neoplasm of skin
- **Z12.89** Encounter for screening for malignant neoplasm of other sites

- **Z12.9** Encounter for screening for malignant neoplasm, site unspecified

Example: Screening for metastatic disease in choroid for patient with malignant melanoma
Other Encounter Diagnoses

Z82.1  Family history of blindness and visual loss
   Conditions classifiable to H54.-

Z83.5  Family history of eye and ear disorders
   Z83.51  Family history of eye disorders
   Conditions classifiable to H00-H53, H55-H59
   Excludes1: amaurosis fugax (G45.3)

   Excludes2: family history of blindness and visual loss (Z82.1)
   Z83.511  Family history of glaucoma
   Z83.518  Family history of other specified eye disorder

Z85  Personal history of malignant neoplasm
   Code first  any follow-up examination after treatment of malignant neoplasm (Z08)
   Use additional code to identify:
      alcohol use and dependence (F10.-)
      exposure to environmental tobacco smoke (Z77.22)
      history of tobacco use (Z87.891)
      occupational exposure to environmental tobacco smoke (Z57.31)
      tobacco dependence (F17.-)
      tobacco use (Z72.0)
   Excludes2: personal history of benign neoplasm (Z86.01-)
   personal history of carcinoma-in-situ (Z86.00-)
### Other Encounter Diagnoses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z85.84</td>
<td>Personal history of malignant neoplasm of eye and nervous tissue</td>
</tr>
<tr>
<td>Z85.840</td>
<td>Personal history of malignant neoplasm of eye</td>
</tr>
<tr>
<td>Z85.841</td>
<td>Personal history of malignant neoplasm of brain</td>
</tr>
<tr>
<td>Z85.848</td>
<td>Personal history of malignant neoplasm of other parts of nervous tissue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z90.0</td>
<td>Acquired absence of part of head and neck</td>
</tr>
<tr>
<td>Z90.01</td>
<td>Acquired absence of eye</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z96.1</td>
<td>Presence of intraocular lens</td>
</tr>
<tr>
<td></td>
<td>Presence of pseudophakia</td>
</tr>
</tbody>
</table>

### But acquired aphakia is under Chapter 7!

- **Aphakia**
  - Acquired absence of lens
  - Acquired aphakia
  - Aphakia due to trauma

**Excludes1:**
- Cataract extraction status (Z98.4-)
- Congenital absence of lens (Q12.3)
- Congenital aphakia (Q12.3)
Summary Points

• ICD-10-CM is NOT as complicated as it may seem
• More detail but not so dissimilar to ICD-9-CM
• Some coding more complex
  – Injuries
  – Surgery postoperative complications
• Begin with Alphabetic Index to ensure proper code location and use
• Read ALL details related Category Subcategory or Code
  – Includes, Excludes1, Excludes2, Notes, Codes First etc
• Cannot just default to Unspecified
• Documentation is a prime key in proper coding
Take Home Messages

1. Take the TIME needed to learn this system
2. Take learning in smaller bits
3. READ the ICD-10-CM Guidelines FIRST
4. Practice – Practice - Practice
   a) Unusual encounters in your office
   b) Common encounters in your office
5. Review all learning tools on AOA website
6. Review all tools on CDC website
7. Attend lectures to further understanding
8. Review all insurance guidelines
Resources

CDC ICD-10-CM Official USA site
http://www.cdc.gov/nchs/icd/icd10cm.htm

2015 release of ICD-10-CM at bottom of page has all the downloads
- ICD-10-CM PDF Format
- ICD-10-CM XML Format
- ICD-10-CM List of codes and Descriptions
- General Equivalence Mapping Files

2014 release has Guidelines – will still need to review the following
- Preface [PDF - 35 KB]
- ICD-10-CM Guidelines [PDF - 512 KB]
- Detailed List of Codes Exempt from Diagnosis Present on Admission Requirement PDF Format
- Detailed List of Codes Exempt from Diagnosis Present on Admission Requirement XLSM Format

CMS ICD-10-CM information

American Optometric Association
www.aoa.org/coding
Codes for Optometry 2015-Now Available for Pre-Order!

• Excerpted majority of codes related to eye conditions
  – Alphabetic Index
  – Tabular Listing
  – ICD–9–CM to ICD–10–CM General Equivalence Mapping (GEMS) for common ocular diagnoses
  – Paper for those who want to hold something
  – Available on 11/30/14
Materials and Pricing Options for Members
www.aoa.org/marketplace

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  - Your Price: $221.00 USD

- **AMA 2014 CPT STD Edition Book**
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