

ICD-10 GEMs FY2017 Version Update

Update Summary

The updated FY2017 General Equivalence Mappings (GEMs) are posted for public comment. All changes to date resulting from public comment and internal review have been incorporated into the FY2017 GEMs. The types of changes made include

- Cluster translations expanded for completeness
- Single entries expanded to better meet inclusion criteria
- Entries revised to better meet inclusion criteria

All changes meeting inclusion criteria were included in the updated files. Documentation for general and technical users of the GEMs is posted with the GEMs files.

In particular, the GEMs Documentation for Technical Users

- Specifies GEMs entry inclusion criteria and provides examples
- Discusses GEMs flags in detail and provides examples
- Answers other frequently asked technical questions
- Discusses translation rules for obstetrics and angioplasty

Examples of updated existing GEMs entries are provided in the following pages. Diagnosis GEMs entries are first, followed by procedure GEMs entries. Refer to the corresponding GEMS file to see entries added for new ICD-10-CM/PCS codes.

DIAGNOSIS GEMs

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “Postsurgical lymphedema”

2016 entry	Updated 2017 entry	Comment
I97.89 Other postprocedural complications and disorders of the circulatory system, not elsewhere classified To/From 997.1 Cardiac complications, not elsewhere classified	I97.89 Other postprocedural complications and disorders of the circulatory system, not elsewhere classified To/From 997.1 Cardiac complications, not elsewhere classified OR 997.99 Complications affecting other specified body systems, not elsewhere classified	The complete meaning of the ICD-10-CM code per the index includes postsurgical lymphedema (elephantiasis). Per the ICD-9-CM index, postsurgical lymphedema and postsurgical elephantiasis are included in 997.99. The entry will also be updated in the ICD-9-CM to ICD-10-CM GEM.

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “Osteopenia”

2016 entry	Updated 2017 entry	Comment
Example M85.8[0-9] (24 codes) Other specified disorders of bone density and structure, unspecified site	Example M85.8[0-9] (24 codes) Other specified disorders of bone density and structure, unspecified site	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. Per the ICD-10-CM index, both osteopenia and

2016 entry	Updated 2017 entry	Comment
To 733.99 Other disorders of bone and cartilage	To 733.90 Disorder of bone and cartilage, unspecified OR 733.99 Other disorders of bone and cartilage	osteosclerosis are included in this subcategory. Per the ICD-9-CM index, code 73390 includes osteopenia and code 73399 includes Sclerosis>> Bone. The entry will also be updated in the ICD-9-CM to ICD-10-CM GEM.

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “unspecified bone/cartilage disorder”

2016 entry	Updated 2017 entry	Comment
733.90 Disorder of bone and cartilage, unspecified To M89.9 Disorder of bone, unspecified OR M94.9 Disorder of cartilage, unspecified	733.90 Disorder of bone and cartilage, unspecified To M85.9 Disorder of bone density and structure, unspecified OR M89.9 Disorder of bone, unspecified OR M94.9 Disorder of cartilage, unspecified	The updated entry is a more complete entry for this “unspecified” ICD-9-CM code, which includes unspecified disorders of bone density and structure.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Common variable immunodeficiency”

2016 entry	Updated 2017 entry	Comment
279.06 Common variable immunodeficiency To D83.8 Other common variable immunodeficiencies OR D83.9 Common variable immunodeficiency, unspecified	279.06 Common variable immunodeficiency To D83.1 Common variable immunodeficiency with predominant immunoregulatory T-cell disorders	The updated entry is a more accurate translation of the condition specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-CM to ICD-9-CM GEM.

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “T-cell defect immunodeficiency”

2016 entry	Updated 2017 entry	Comment
279.10 Immunodeficiency with predominant T-cell defect, unspecified To D83.1 Common variable immunodeficiency with predominant immunoregulatory T-cell disorders	279.10 Immunodeficiency with predominant T-cell defect, unspecified To D84.8 Other specified immunodeficiencies	The updated entry is a more accurate translation of the condition specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-CM to ICD-9-CM GEM.

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “other cell-mediated immunodeficiency”

2016 entry	Updated 2017 entry	Comment
279.19 Other deficiency of cell-mediated immunity To	279.19 Other deficiency of cell-mediated immunity To	The updated entry is a more accurate translation of the condition specified in the ICD-9-

2016 entry	Updated 2017 entry	Comment
D80.8 Other immunodeficiencies with predominantly antibody defects	D84.8 Other specified immunodeficiencies	CM code. The entry will also be changed in the ICD-10-CM to ICD-9-CM GEM.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinemia”

2016 entry	Updated 2017 entry	Comment
D80.6 Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinemia To 279.19 Other deficiency of cell-mediated immunity	D80.6 Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinemia To 279.09 Other deficiency of humoral immunity	The updated entry is a more accurate translation of the condition specified in the ICD-10-CM codes. The entry will also be updated in the ICD-9-CM to ICD-10-CM GEM.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “unspecified immunodeficiency with predominantly antibody defects”

2016 entry	Updated 2017 entry	Comment
D80.9 Immunodeficiency with predominantly antibody defects, unspecified To 279.19 Other deficiency of cell-mediated immunity	D80.9 Immunodeficiency with predominantly antibody defects, unspecified To 279.09 Other deficiency of humoral immunity	The updated entry is a more accurate translation of the condition specified in the ICD-10-CM codes. The entry will also be updated in the ICD-9-CM to ICD-10-CM GEM.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Dermatophytosis of the body”

2016 entry	Updated 2017 entry	Comment
110.5 Dermatophytosis of the body To B35.5 Tinea imbricata	110.5 Dermatophytosis of the body To B35.4 Tinea corporis OR B35.5 Tinea imbricata	The updated entry is a more complete translation of the condition specified in the ICD-9-CM code, per the ICD-9-CM index.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “Unspecified obstructive/reflex uropathy”

2016 entry	Updated 2017 entry	Comment
N13.9 Obstructive and reflux uropathy, unspecified To 59.29 Urinary calculus, unspecified	N13.9 Obstructive and reflux uropathy, unspecified To 59.29 Urinary calculus, unspecified	Flagging error only. The entry was marked as a combination entry (10112) and should be marked as a single entry (10000).

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “Cortex contusion/laceration w/o LOC”

2016 entry	Updated 2017 entry	Comment
Example 851.[0,2]1 Cortex (cerebral) contusion without mention of	Example 851.[0,2]1 Cortex (cerebral) contusion without mention of	Typographical error.

2016 entry	Updated 2017 entry	Comment
open intracranial wound, with no loss of consciousness (2 codes) To S06.339A Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	open intracranial wound, with no loss of consciousness (2 codes) To S06.330A Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “intracranial contusion/laceration w/ concussion”

2016 entry	Updated 2017 entry	Comment
Example 851.[0-3,8,9]9 Cortex (cerebral) contusion without mention of open intracranial wound, with concussion, unspecified (6 codes) To S06.330A Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter OR S06.339A Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter	Example 851.[0,1,2,3,8,9]9 Cortex (cerebral) contusion without mention of open intracranial wound, with concussion, unspecified (6 codes) To S06.330A Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter	Typographical error.

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “Cerebellar/brain stem contusion w/ concussion”

2016 entry	Updated 2017 entry	Comment
851.49 Cerebellar or brain stem contusion without mention of open intracranial wound, with concussion, unspecified To S06.380A Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter OR S06.389A Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	851.49 Cerebellar or brain stem contusion without mention of open intracranial wound, with concussion, unspecified To S06.370A Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter OR S06.380A Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Typographical error.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Disorders of urea cycle metabolism”

2016 entry	Updated 2017 entry	Comment
270.6 Disorders of urea cycle metabolism From/to E72.20 Disorder of urea cycle metabolism, unspecified OR E72.22 Arginosuccinic aciduria OR E72.23 Citrullinemia OR E72.29 Other disorders of urea cycle metabolism	270.6 Disorders of urea cycle metabolism From/to E72.20 Disorder of urea cycle metabolism, unspecified OR E72.21 Argininemia OR E72.22 Arginosuccinic aciduria OR E72.23 Citrullinemia OR E72.29 Other disorders of urea cycle metabolism	The updated entry is a more complete translation of the condition specified in the ICD-9-CM code, per the ICD-9-CM index.

Internal review:

ICD-9-CM to ICD-10-CM GEM entry for “Cerebellar/brain stem laceration w/ concussion”

2016 entry	Updated 2017 entry	Comment
Example 851.[567]9 Cerebellar or brain stem laceration without mention of open intracranial wound, with concussion, unspecified To S06.370A Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter OR S06.379A Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter OR S06.380A Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter OR S06.389A Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter	Example 851.[567]9 Cerebellar or brain stem laceration without mention of open intracranial wound, with concussion, unspecified To S06.370A Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter OR S06.380A Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter	Typographical error.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Open fracture of fibula with tibia”

2016 entry	Updated 2017 entry	Comment
Example 823.32 Open fracture of shaft of fibula with tibia To S82.201B Unspecified fracture of shaft of right tibia, initial encounter for open fracture type I or II AND S82.402B Unspecified fracture of shaft of left fibula, initial encounter for open fracture type I or II OR S82.401B Unspecified fracture of shaft of right fibula, initial encounter for open fracture type I or II AND S82.202B Unspecified fracture of shaft of left tibia, initial encounter for open fracture type I or II	Example 823.32 Open fracture of shaft of fibula with tibia To S82.201B Unspecified fracture of shaft of right tibia, initial encounter for open fracture type I or II AND S82.401B Unspecified fracture of shaft of right fibula, initial encounter for open fracture type I or II OR S82.202B Unspecified fracture of shaft of left tibia, initial encounter for open fracture type I or II AND S82.402B Unspecified fracture of shaft of left fibula, initial encounter for open fracture type I or II	Typographical error. The combination flags were set incorrectly.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Osteoradionecrosis”

2016 entry	Updated 2017 entry	Comment
526.89 Other specified diseases of the jaws To M27.8 Other specified diseases of jaws	526.89 Other specified diseases of the jaws To M27.8 Other specified diseases of jaws OR M27.2 Inflammatory conditions of jaws	The updated entry is a more complete translation of the condition specified in the ICD-9-CM code. Osteoradionecrosis is included in ICD-9-CM code 526.89 and included in ICD-10-CM code M.27.2. The entry will also be changed in the ICD-10-CM to ICD-9-CM GEM.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “Tuberculosis of spine”

2016 entry	Updated 2017 entry	Comment
Example A18.01 Tuberculosis of spine To 015.00 Tuberculosis of vertebral column, unspecified AND 737.40 Curvature of spine, unspecified, associated with other conditions	Example A18.01 Tuberculosis of spine To 015.00 Tuberculosis of vertebral column, unspecified AND 737.40 Curvature of spine, unspecified, associated with other conditions OR 015.00 Tuberculosis of vertebral column, unspecified AND	The updated entry is a more complete translation of the condition specified in the ICD-9-CM code. As specified in the ICD-10-CM index, tuberculosis of the spine includes tuberculous lordosis.

2016 entry	Updated 2017 entry	Comment
	737.42 Lordosis associated with other conditions	

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “Osteoradionecrosis”

2016 entry	Updated 2017 entry	Comment
828.0 Closed multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum To T07 Unspecified multiple injuries	828.0 Closed multiple fractures involving both lower limbs, lower with upper limb, and lower limb(s) with rib(s) and sternum To S82.90XA Unspecified fracture of unspecified lower leg, initial encounter for closed fracture AND S22.20XA Unspecified fracture of sternum, initial encounter for closed fracture AND S22.49XA Multiple fractures of ribs, unspecified side, initial encounter for closed fracture	The updated entry is a more complete translation of the condition specified in the ICD-9-CM code.

PROCEDURE GEMs

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “Removal of cervical cerclage”

2016 entry	Updated 2017 entry	Comment
Example 69.96 Removal of cerclage material from cervix To 0UPD[03478]CZ Removal of Extraluminal Device from Uterus and Cervix, Via Natural or Artificial Opening (5 codes)	Example 69.96 Removal of cerclage material from cervix To 0UPD7CZ Removal of Extraluminal Device from Uterus and Cervix, Via Natural or Artificial Opening	The updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “implantable pressure sensor insertion”

2016 entry	Updated 2017 entry	Comment
Example 38.26 Insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring To/From 02H[467LSTV][034]0Z Insertion of Pressure Sensor Monitoring	Example 38.26 Insertion of implantable pressure sensor without lead for intracardiac or great vessel hemodynamic monitoring To 02H[PQR][034]0Z Insertion of Pressure Sensor Monitoring Device into Right Pulmonary	Change request is from the manufacturer of an implantable pressure sensor, for purposes of correct coding in ICD-10-PCS. Currently ICD-9 code 38.26 does not capture any other procedure besides the insertion of the manufacturer’s device (CardioMEMS pressure sensor

2016 entry	Updated 2017 entry	Comment
Device into Coronary Vein, Open Approach (5 codes)	Artery, Percutaneous Approach (9 codes)	monitor). The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “pulmonary artery pressure monitoring”

2016 entry	Updated 2017 entry	Comment
Example 89.63 Pulmonary artery pressure monitoring To/From 4A133[5BJ]3 Monitoring of Arterial Flow, Pulmonary, Percutaneous Approach (3 codes)	Example 89.63 Pulmonary artery pressure monitoring To/From 02HP[034]2Z Insertion of Monitoring Device into Pulmonary Trunk, Percutaneous Approach (3 codes)	The updated entry is consistent with ICD-9-CM index entries, with ICD-10-PCS Reference Manual FY2016 version, p. 67, exercise 6, and Coding Clinic 3Q 2015 p. 35. Index entries referring to 89.63: Catheterization > Swan-Ganz (pulmonary) Insertion > catheter > Swan-Ganz (pulmonary) Insertion > Swan-Ganz catheter (pulmonary) Monitoring > pulmonary artery > wedge. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Internal review:

ICD-10-PCS to ICD-9-CM GEM entry for “pulmonary artery measurement/monitoring”

2016 entry	Updated 2017 entry	Comment
Example 4A[01]3[034][5BJ]3 Monitoring of Arterial Flow, Pulmonary, Percutaneous Approach (12 codes) To 89.63 Pulmonary artery pressure monitoring	4A[01]3[03][5BJ]3 Monitoring of Arterial Flow, Pulmonary, Percutaneous Approach (12 codes) To 89.59 Other nonoperative cardiac and vascular measurements	The updated entry is a more accurate translation of the procedure specified in the ICD-10-PCS codes. The entry will also be updated in the ICD-9-CM to ICD-10-CM GEM.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “Intraoperative knee joint monitoring”

2016 entry	Updated 2017 entry	Comment
Example XR2[GH]021 Monitoring of Right Knee Joint using Intraoperative Knee Replacement Sensor, Open Approach, New Technology Group 1 (2 codes) To NoI9	Example XR2[GH]021 Monitoring of Right Knee Joint using Intraoperative Knee Replacement Sensor, Open Approach, New Technology Group 1 (2 codes) To NoI9	Flagging error only. The “No Map” flag was 0 and it should have been 1.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “Insertion of intercostal drainage catheter”

2016 entry	Updated 2017 entry	Comment
Example 34.04 Insertion of intercostal catheter for drainage To 0W9[9B][04]ZZ Drainage of Right Pleural Cavity, Percutaneous Endoscopic Approach (4 codes)	Example 34.04 Insertion of intercostal catheter for drainage To 0W9[9B]3ZZ Drainage of Right Pleural Cavity, Percutaneous Approach (2 codes)	The updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “Thoracoscopic pleural cavity drainage”

2016 entry	Updated 2017 entry	Comment
Example 34.06 Thoracoscopic drainage of pleural cavity To 0W9[9B][34]0Z Drainage of Right Pleural Cavity with Drainage Device, Percutaneous Endoscopic Approach (4 codes)	Example 34.06 Thoracoscopic drainage of pleural cavity To 0W9[9B]40Z Drainage of Right Pleural Cavity with Drainage Device, Percutaneous Endoscopic Approach (2 codes)	The updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “Other incision of pleura”

2016 entry	Updated 2017 entry	Comment
Example 34.09 Other incision of pleura To 0W9[9B][04]ZZ Drainage of Right Pleural Cavity, Percutaneous Endoscopic Approach (4 codes)	Example 34.09 Other incision of pleura To 0B9[NP][04]ZZ Drainage of Right Pleura, Percutaneous Endoscopic Approach (4 codes)	The updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-10-PCS to ICD-9-PCS GEM entry for “Percutaneous upper artery monitoring device”

2016 entry	Updated 2017 entry	Comment
03HY32Z Insertion of Monitoring Device into Upper Artery, Percutaneous Approach To 38.03 Incision of upper limb vessels	03HY32Z Insertion of Monitoring Device into Upper Artery, Percutaneous Approach To 38.91 Arterial catheterization	The updated entry is a more accurate translation of the procedure specified in the ICD-10-PCS code. The entry will also be changed in the ICD-10-CM to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “insertion of loop recorder”

2016 entry	Updated 2017 entry	Comment
Example 37.79 Revision or relocation of cardiac device pocket	Example 37.79 Revision or relocation of cardiac device pocket	The updated entry is a more complete translation of the procedure specified in the ICD-

2016 entry	Updated 2017 entry	Comment
To 0JWT[03]PZ Revision of Cardiac Rhythm Related Device in Trunk Subcutaneous Tissue and Fascia, Open Approach (2 codes)	To 0JWT[03]2Z Revision of Monitoring Device in Trunk Subcutaneous Tissue and Fascia, Open Approach (2 codes) OR To 0JH6[03]2Z Insertion of Monitoring Device into Chest Subcutaneous Tissue and Fascia, Open Approach (2 codes)	9-CM code, per the ICD-9-CM index and instructional notes for the source system code. According to the requester, the ICD-10-PCS code represents correct coding for the insertion of this device.

Public comment:

ICD-10-PCS to ICD-9-PCS GEM entry for “endovascular extirpation”

2016 entry	Updated 2017 entry	Comment
Example 03C53ZZ Extirpation of Matter from Right Axillary Artery, Percutaneous Approach (138 codes) To 38.03 Incision of vessel, upper limb vessels	Example 03C53ZZ Extirpation of Matter from Right Axillary Artery, Percutaneous Approach (138 codes) To 39.79 Other endovascular procedures on other vessels	The updated entry is a more accurate translation of the percutaneous approach specified in the ICD-PCS-CM code. The entry will also be changed in the ICD-9-CM to ICD-10-PCS GEM. In addition, GEMs entries for percutaneous extirpation of vessel codes translating to open incision codes in ICD-9-CM codes 38.00 and 38.03-38.09 will be similarly updated.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “transcatheter embolization for GI hemorrhage”

2016 entry	Updated 2017 entry	Comment
44.44 Transcatheter embolization for gastric or duodenal bleeding To 04L23DZ Occlusion of Gastric Artery with Intraluminal Device, Percutaneous Approach	Example 44.44 Transcatheter embolization for gastric or duodenal bleeding To 04L[2345]3DZ Occlusion of Gastric Artery with Intraluminal Device, Percutaneous Approach (4 codes) OR 06L[145]3DZ Occlusion of Splenic Vein with Intraluminal Device, Percutaneous Approach (3 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code per the entries in the ICD-9-CM index. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “ligation of esophageal varices”

2016 entry	Updated 2017 entry	Comment
Example	Example	The updated entry is a more complete translation of the

2016 entry	Updated 2017 entry	Comment
06L3[034][CD]Z Occlusion of Esophageal Vein with Extraluminal Device, Open Approach (6 codes) To 38.87 Other surgical occlusion of vessels, abdominal veins	06L3[034][CD]Z Occlusion of Esophageal Vein with Extraluminal Device, Open Approach (6 codes) To 38.87 Other surgical occlusion of vessels, abdominal veins OR 42.91 Ligation of esophageal varices	procedure specified in the ICD-10-PCS code. The entry will also be changed in the ICD-9-CM to ICD-10-PCS GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “endoscopic biliary duct dilation”

2016 entry	Updated 2017 entry	Comment
Example 51.84 Endoscopic dilation of ampulla and biliary duct To 0F7[5689C]8ZZ Dilation of Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic (5 codes)	Example 51.84 Endoscopic dilation of ampulla and biliary duct To 0F7[5689CDF]8ZZ Dilation of Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic (7 codes) OR To 0F9[5689CDF]8ZZ Drainage of Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic (7 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code, per the ICD-9-CM index and instructional notes for the source system code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “endoscopic control of esophageal bleeding”

2016 entry	Updated 2017 entry	Comment
Example 42.33 Endoscopic excision or destruction of lesion or tissue of esophagus To 0D[B5]5[48]ZZ Destruction of Esophagus, Via Natural or Artificial Opening Endoscopic (4 codes) OR 0W3P8ZZ Control Bleeding in Gastrointestinal Tract, Via Natural or Artificial Opening Endoscopic OR 3E0G8TZ Introduction of Destructive Agent into Upper GI, Via Natural or Artificial Opening Endoscopic	Example 42.33 Endoscopic excision or destruction of lesion or tissue of esophagus To 0D[B5]5[48]ZZ Destruction of Esophagus, Via Natural or Artificial Opening Endoscopic (4 codes) OR 06L[34]3[CDZ]Z Occlusion of Esophageal Vein with Extraluminal Device, Percutaneous Approach (6 codes) OR 0W3P8ZZ Control Bleeding in Gastrointestinal Tract, Via Natural or Artificial Opening Endoscopic OR	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code, per the ICD-9-CM index and instructional notes for the source system code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

2016 entry	Updated 2017 entry	Comment
	3E0G8TZ Introduction of Destructive Agent into Upper GI, Via Natural or Artificial Opening Endoscopic	

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “excision of retroperitoneum”

2016 entry	Updated 2017 entry	Comment
Example 54.4 Excision or destruction of peritoneal tissue To 0D[B5][STVW][034]ZZ Destruction of Greater Omentum, Open Approach (28 codes)	Example 54.4 Excision or destruction of peritoneal tissue To 0D[B5][STVW][034]ZZ Destruction of Greater Omentum, Open Approach (28 codes) OR 0WBH[034]ZZ Excision of Retroperitoneum, Open Approach (3 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code, per the ICD-9-CM index and instructional notes for the source system code. The entry will also be changed in the ICD-10-PCS to ICD-9-CM GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “obstetric laceration repair of anus”

2016 entry	Updated 2017 entry	Comment
Example 75.62 Repair of current obstetric laceration of rectum and sphincter ani To 0DQ[PR]^ZZ Repair Rectum, Open Approach (8 codes)	Example 75.62 Repair of current obstetric laceration of rectum and sphincter ani To 0DQ[PR]^ZZ Repair Anal Sphincter, Open Approach (8 codes) OR 0DQQ[03478]ZZ Repair Anus, Open Approach (5 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code, per the ICD-9-CM index for the source system code.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “burr hole intracranial drainage”

2016 entry	Updated 2017 entry	Comment
Example To 009[1246][34][0Z]Z Drainage of Cerebral Ventricle, Percutaneous Approach (16 codes) OR 0W91[34][0Z]Z Drainage of Cranial Cavity, Percutaneous Approach (4 codes) To 01.09 Other cranial puncture	Example To 009[1246][34][0Z]Z Drainage of Cerebral Ventricle, Percutaneous Approach (16 codes) OR 0W91[34][0Z]Z Drainage of Cranial Cavity, Percutaneous Approach (4 codes) To 01.09 Other cranial puncture OR	The updated entry is a more complete translation of the procedure specified in the ICD-10-PCS code. ICD-9-CM code 01.24 includes burr hole drainage per the ICD-9-CM index. The entry will also be changed in the ICD-9-CM to ICD-10-PCS GEM.

2016 entry	Updated 2017 entry	Comment
	01.24 Other craniotomy	

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “burr hole intracranial drainage, cont.”

2016 entry	Updated 2017 entry	Comment
Example To 0095[34][0Z]Z Drainage of Subarachnoid Space, Percutaneous Approach (4 codes) To 01.01 Cisternal puncture	Example To 0095[34][0Z]Z Drainage of Subarachnoid Space, Percutaneous Approach (4 codes) To 01.01 Cisternal puncture OR 01.24 Other craniotomy	The updated entry is a more complete translation of the procedure specified in the ICD-10-PCS code. ICD-9-CM code 01.24 includes burr hole drainage per the ICD-9-CM index. The entry will also be changed in the ICD-9-CM to ICD-10-PCS GEM.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “Percutaneous extirpation, intracranial artery”

2016 entry	Updated 2017 entry	Comment
03CG3ZZ Extirpation of Matter from Intracranial Artery, Percutaneous Approach To 00.62 Percutaneous angioplasty of intracranial vessel(s) OR 17.54 Percutaneous atherectomy of intracranial vessel(s) OR 39.74 Endovascular removal of obstruction from head and neck vessel(s) AND 00.40 Procedure on single vessel	03CG3Z[6Z] Extirpation of Matter from Intracranial Artery, Percutaneous Approach OR 05CL3ZZ Extirpation of Matter from Intracranial Vein, Percutaneous Approach To 39.74 Endovascular removal of obstruction from head and neck vessel(s) AND 00.40 Procedure on single vessel	The updated entry is a more accurate mapping of the procedure specified in the ICD-10-PCS code per the root operation definition. Per the requester, the only clinically correct translation of Extirpation for the intracranial artery is 39.74. The entry will also be changed in the ICD-9-CM to ICD-10-PCS GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “implantation of heart replacement system”

2016 entry	Updated 2017 entry	Comment
Example 37.52 Implantation of total internal biventricular heart replacement system To 02HA[034]QZ Insertion of Implantable Heart Assist System into Heart, Open Approach (3 codes)	Example 37.52 Implantation of total internal biventricular heart replacement system To 02RK0JZ Replacement of Right Ventricle with Synthetic Substitute, Open Approach AND 02RL0JZ Replacement of Left Ventricle with Synthetic Substitute, Open Approach	According to the requester, the updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code, where heart replacement system is clearly distinguished from implantable heart assist system per the ICD-9-CM index and instructional notes.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “revision of heart replacement system”

2016 entry	Updated 2017 entry	Comment
Example 37.54 Replacement or repair of other implantable component of (total) replacement heart system To 02WA[034]QZ Revision of Implantable Heart Assist System in Heart, Open Approach (3 codes)	Example 37.54 Replacement or repair of other implantable component of (total) replacement heart system To 02WA0JZ Revision of Synthetic Substitute in Heart, Open Approach	According to the requester, the updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code, where heart replacement system is clearly distinguished from implantable heart assist system per the ICD-9-CM index and instructional notes.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “removal of heart replacement system”

2016 entry	Updated 2017 entry	Comment
Example 37.55 Removal of internal biventricular heart replacement system To 02PA[034]QZ Removal of Implantable Heart Assist System from Heart, Open Approach (3 codes)	Example 37.55 Removal of internal biventricular heart replacement system To 02PA0JZ Removal of Synthetic Substitute from Heart, Open Approach	According to the requester, the updated entry is a more accurate translation of the procedure specified in the ICD-9-CM code, where heart replacement system is clearly distinguished from implantable heart assist system per the ICD-9-CM index and instructional notes.