

ICD-10 GEMs FY2015 Version Update

Update Summary

The updated FY2015 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 FY2015 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. Updated 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 GEMs entries are provided in the following pages. Diagnosis GEMs entries are first, followed by procedure GEMs entries.

DIAGNOSIS GEMs

Internal review:

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

2014 entry	Updated 2015 entry	Comment
Example H33.19[1-3] Other retinoschisis and retinal cysts (3 codes) To 361.10 Retinoschisis, unspecified OR 361.11 Flat retinoschisis OR 361.12 Bullous retinoschisis OR 361.13 Primary retinal cysts OR 361.14 Secondary retinal cysts OR 361.19 Other retinoschisis and retinal cysts	Example H33.19[1-3] Other retinoschisis and retinal cysts (3 codes) 361.19 Other retinoschisis and retinal cysts	The translation from H33.19[1-3] to several more specific ICD-9-CM codes does not meet inclusion criteria, and has been removed from the 10 to 9 GEM. The inclusion of the specific ICD-9-CM codes is not justified by any ICD-10-CM index entries or tabular instruction. In addition, the translation from H33.19[1-3] to 361.10 does not meet inclusion criteria, and has been removed from both the 10 to 9 and the 9 to 10 GEMs. ICD-10-CM classifies the unspecified codes in this subcategory to H33.10[1-9], and there is already an entry in the GEMs that translates from H33.10[1-9] to 361.10.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “Toxic effect of lead, cause undetermined”

2014 entry	Updated 2015 entry	Comment
T56.0X4A Toxic effect of lead and its compounds, undetermined, initial encounter To Choice List 1 To 984.9 Toxic effect of unspecified lead compound AND Choice List 2 To 980.9 Toxic effect of unspecified alcohol	T56.0X4A Toxic effect of lead and its compounds, undetermined, initial encounter To Choice List 1 To 984.9 Toxic effect of unspecified lead compound AND Choice List 2 To E980.9 Poisoning by other and unspecified solid and liquid substances, undetermined whether accidentally or purposely inflicted	Typographical error. The E was missing from the external cause ICD-9-CM code in choice list 2.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “cervical disc disorder with radiculopathy”

2014 entry	Updated 2015 entry	Comment
M50.1 Cervical disc disorder with radiculopathy (4 codes) To 723.4 Brachial neuritis or radiculitis NOS	M50.1 Cervical disc disorder with radiculopathy (4 codes) To 722.91 Other and unspecified disc disorder, cervical region	The updated entry is a closer match. The ICD-9-CM tabular instruction for 723.4 excludes radiculitis due to intervertebral disc disorder.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “Lennox-Gastaut syndrome”

2014 entry	Updated 2015 entry	Comment
G40.811 Lennox-Gastaut syndrome, not intractable, with status epilepticus To 345.81 Other forms of epilepsy and recurrent seizures, with intractable epilepsy	G40.811 Lennox-Gastaut syndrome, not intractable, with status epilepticus To 345.80 Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy	Typographical error. The ICD-10-CM code specifies the epilepsy is not intractable.

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “poisoning by other sedative/hypnotic”

2014 entry	Updated 2015 entry	Comment
Example T42.6X[1234]A Poisoning by other antiepileptic and sedative-hypnotic drugs, initial encounter (4 codes) To Choice List 1 967.8 Poisoning by other sedatives and hypnotics AND	Example T42.6X[1234]A Poisoning by other antiepileptic and sedative-hypnotic drugs, initial encounter (4 codes) To Choice List 1 967.[1-6] Poisoning by chloral hydrate group (6 codes) OR	The updated entry is a more complete set of translation alternatives. The ICD-10-CM index also classifies the following drug classes to subcategory T42.6X: chloral hydrate, paraldehyde, bromine, methaqualone, glutethimide, mixed sedatives.

2014 entry	Updated 2015 entry	Comment
Choice List 2 E852.8 Accidental poisoning by other specified sedatives and hypnotics	967.8 Poisoning by other sedatives and hypnotics AND Choice List 2 E852.8 Accidental poisoning by other specified sedatives and hypnotics	

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “poisoning by inhaled anesthetic”

2014 entry	Updated 2015 entry	Comment
Example T41.0X[1234]A Poisoning by inhaled anesthetics, initial encounter (4 codes) To Choice List 1 968.2 Poisoning by other gaseous anesthetics AND Choice List 2 E855.1 Accidental poisoning by other central nervous system depressants	Example T41.0X[1234]A Poisoning by inhaled anesthetics, initial encounter (4 codes) To Choice List 1 968.1 Poisoning by halothane OR 968.2 Poisoning by other gaseous anesthetics AND Choice List 2 E855.1 Accidental poisoning by other central nervous system depressants	The updated entry is a more complete set of translation alternatives. The ICD-10-CM index also classifies halothane to subcategory T41.0X. <i>Index entries referring to T41.0X1A [excerpt]</i> Anesthesia > endotracheal > Poisoning, Accidental (unintentional)... ... Gas > anesthetic > Poisoning, Accidental (unintentional) Halothane > Poisoning, Accidental (unintentional)

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “toxic effect of aromatic hydrocarbons”

2014 entry	Updated 2015 entry	Comment
Example T53.9[1234]XA Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, initial encounter (4 codes) To Choice List 1 982.3 Toxic effect of other chlorinated hydrocarbon solvents AND Choice List 2 E869.8 Accidental poisoning by other specified gases and vapors	Example T53.9[1234]XA Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, initial encounter (4 codes) To Choice List 1 982.3 Toxic effect of other chlorinated hydrocarbon solvents OR 989.2 Toxic effect of chlorinated hydrocarbons AND Choice List 2 E869.8 Accidental poisoning by other specified gases and vapors	The updated entry is a more complete set of translation alternatives. The ICD-10-CM index classifies chlorinated hydrocarbons to subcategory T53.9.

Public comment:

ICD-9-CM to ICD-10-CM GEM entries for “skull fracture with moderate LOC”

2014 entry	Updated 2015 entry	Comment
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2014 entry	Updated 2015 entry	Comment
Example 80[013].[49]3 Closed fracture of vault of skull with intracranial injury of other and unspecified nature, with moderate [1-24 hours] loss of consciousness (6 codes) Choice List 1 To S02.0XXA Fracture of vault of skull, initial encounter for closed fracture AND Choice List 2 To S06.893A Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter OR S06.894A Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter OR S06.9X4A Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	Example 80[013].[49]3 Closed fracture of vault of skull with intracranial injury of other and unspecified nature, with moderate [1-24 hours] loss of consciousness (6 codes) Choice List 1 To S02.0XXA Fracture of vault of skull, initial encounter for closed fracture AND Choice List 2 To S06.893A Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter OR S06.894A Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter OR S06.9X3A Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter OR S06.9X4A Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter	The updated entry is a more complete set of translation alternatives for the condition specified in the ICD-9-CM codes. 800.43, 800.93, 801.43, 801.93, 803.43 and 803.93 are all missing the ICD-10-CM code S06.9X3A in choice list 2 of the cluster.

Public comment:

ICD-9-CM to ICD-10-CM GEM entries for “closed skull fracture with concussion”

2014 entry	Updated 2015 entry	Comment
Example 80[013].49 Closed fracture of vault of skull with intracranial injury of other and unspecified nature, with concussion, unspecified (3 codes) Choice List 1 To S02.0XXA Fracture of vault of skull, initial encounter for closed fracture AND Choice List 2 To S06.890A Other specified intracranial injury without loss of	Example 80[013].49 Closed fracture of vault of skull with intracranial injury of other and unspecified nature, with concussion, unspecified (3 codes) Choice List 1 To S02.0XXA Fracture of vault of skull, initial encounter for closed fracture AND Choice List 2 To S06.890A Other specified intracranial injury without loss of	Typographical error. 800.49, 801.49 and 803.49 are translated to S06.9X9A in choice list 2 of the cluster. This has been changed to S06.9X0A.

2014 entry	Updated 2015 entry	Comment
consciousness, initial encounter OR S06.9X9A Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter	consciousness, initial encounter OR S06.9X0A Unspecified intracranial injury without loss of consciousness, initial encounter	

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “pseudarthrosis after joint replacement”

2014 entry	Updated 2015 entry	Comment
M96.0 Pseudarthrosis after fusion or arthrodesis To V45.4 Arthrodesis status	M96.0 Pseudarthrosis after fusion or arthrodesis To 996.49 Other mechanical complication of other internal orthopedic device, implant, and graft OR V45.4 Arthrodesis status	The updated entry is a more complete set of translation alternatives for the condition specified in the ICD-10-CM code. The ICD-10-CM index for M96.0 classifies pseudarthrosis as a complication of joint replacement, in addition to classifying it to joint replacement status. Coding Clinic advice states that pseudarthrosis should be coded 996.49 when revision or refusion is required. The entry has also been added to the ICD-9-CM to ICD-10-CM GEM.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “other influenza with pneumonia”

2014 entry	Updated 2015 entry	Comment
J10.01 Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia To 487.1 Influenza with other respiratory manifestations	J10.01 Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia To 487.0 Influenza with pneumonia	Typographical error. The ICD-10-CM code specifies influenza with pneumonia.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “intracardiac thrombosis NEC”

2014 entry	Updated 2015 entry	Comment
I51.3 Intracardiac thrombosis, not elsewhere classified To 429.79 Certain sequelae of myocardial infarction, not elsewhere classified, other	I51.3 Intracardiac thrombosis, not elsewhere classified To 429.89 Other ill-defined heart diseases	The ICD-9 translation does not meet inclusion criteria. I51.3 tabular instruction excludes intracardiac thrombosis as a current complication following acute MI. In the ICD-9-CM index, other intracardiac thrombosis refers to 429.89. The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.

Internal review:**ICD-10-CM to ICD-9-CM GEM entry for “Arnold-Chiari syndrome with spina bifida”**

2014 entry	Updated 2015 entry	Comment
Q07.01 Arnold-Chiari syndrome with spina bifida To 741.00 Spina bifida with hydrocephalus, unspecified region	Q07.01 Arnold-Chiari syndrome with spina bifida To 741.90 Spina bifida without mention of hydrocephalus, unspecified region	Typographical error. The ICD-10-CM code does not specify hydrocephalus.

Internal review:**ICD-10-CM to ICD-9-CM GEM entries for “mechanical complication of other cardiac electronic device”**

2014 entry	Updated 2015 entry	Comment
Example T82.1[129]8A Breakdown (mechanical) of other cardiac electronic device, initial encounter (3 codes) To 996.01 Mechanical complication due to cardiac pacemaker (electrode) OR 996.04 Mechanical complication of automatic implantable cardiac defibrillator	Example T82.1[129]8A Breakdown (mechanical) of other cardiac electronic device, initial encounter (3 codes) To 996.09 Other mechanical complication of cardiac device, implant, and graft	The ICD-9-CM translation alternatives do not meet inclusion criteria. The ICD-10-CM code titles do not specify pacemaker and defibrillator, only other cardiac electronic device.

Internal review:**ICD-10-CM to ICD-9-CM GEM entries for “mechanical complication of unspecified cardiac electronic device”**

2014 entry	Updated 2015 entry	Comment
Example T82.1[129]9A Breakdown (mechanical) of unspecified cardiac electronic device, initial encounter (3 codes) To 996.01 Mechanical complication due to cardiac pacemaker (electrode) OR 996.04 Mechanical complication of automatic implantable cardiac defibrillator	Example T82.1[129]9A Breakdown (mechanical) of unspecified cardiac electronic device, initial encounter (3 codes) To 996.00 Mechanical complication of unspecified cardiac device, implant, and graft	The ICD-9-CM translation alternatives do not meet inclusion criteria. The ICD-10-CM code titles do not specify pacemaker and defibrillator, only unspecified cardiac electronic device.

Internal review:**ICD-10-CM to ICD-9-CM GEM entries for “complication of heart-lung transplant”**

2014 entry	Updated 2015 entry	Comment
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2014 entry	Updated 2015 entry	Comment
Example T86.3[0-9] Heart-lung transplant rejection To 996.83 Complications of transplanted heart	Example T86.3[0-9] Heart-lung transplant rejection Choice List 1 To 996.83 Complications of transplanted heart AND Choice List 2 996.84 Complications of transplanted lung	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. Subcategory T86.3 contains combination codes, and requires an ICD-9-CM translation cluster specifying complication of both heart and lung transplant.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “chronic instability of knee”

2014 entry	Updated 2015 entry	Comment
M23.5[0-2] Chronic instability of knee To 717.85 Old disruption of other ligaments of knee	M23.5[0-2] Chronic instability of knee To 717.85 Old disruption of other ligaments of knee OR 718.86 Other joint derangement, not elsewhere classified, lower leg	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. According to the ICD-9-CM index, 718.86 also includes instability of joint.

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “staphylococcal arthritis”

2014 entry	Updated 2015 entry	Comment
Example M00.0[0-9] Staphylococcal arthritis, right shoulder To 711.01 Pyogenic arthritis, shoulder region	Example M00.0[0-9] Staphylococcal arthritis, right shoulder Choice List 1 To 711.01 Pyogenic arthritis, shoulder region AND Choice List 2 041.10 Staphylococcus infection in conditions classified elsewhere and of unspecified site, staphylococcus, unspecified	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. Subcategory M00.0 contains combination codes, and requires an ICD-9-CM translation cluster specifying both the arthritis and the causative organism.

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “streptococcal arthritis”

2014 entry	Updated 2015 entry	Comment
Example M00.2[0-9] Other streptococcal arthritis, right shoulder To 711.01 Pyogenic arthritis, shoulder region	Example M00.2[0-9] Other streptococcal arthritis, right shoulder Choice List 1 To 711.01 Pyogenic arthritis,	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. Subcategory M00.2 contains combination codes, and requires an ICD-9-CM translation

2014 entry	Updated 2015 entry	Comment
	shoulder region AND Choice List 2 041.09 Streptococcus infection in conditions classified elsewhere and of unspecified site, other streptococcus	cluster specifying both the arthritis and the causative organism.

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “other bacterial arthritis”

2014 entry	Updated 2015 entry	Comment
Example M00.8[0-9] Arthritis due to other bacteria, right shoulder To 711.01 Pyogenic arthritis, shoulder region	Example M00.8[0-9] Arthritis due to other bacteria, right shoulder Choice List 1 To 711.01 Pyogenic arthritis, shoulder region AND Choice List 2 041.89 Other specified bacterial infections in conditions classified elsewhere and of unspecified site, other specified bacteria	The updated entry is a more complete translation of the condition specified in the ICD-10-CM codes. Subcategory M00.8 contains combination codes, and requires an ICD-9-CM translation cluster specifying both the arthritis and the causative organism.

Internal review:

ICD-10-CM to ICD-9-CM GEM entry for “aminoglycoside poisoning, undetermined intent”

2014 entry	Updated 2015 entry	Comment
T36.5X4A Poisoning by aminoglycosides, undetermined, initial encounter Choice List 1 To 960.8 Poisoning by other specified antibiotics AND Choice List 2 E950.4 Suicide and self-inflicted poisoning by other specified drugs and medicinal substances	T36.5X4A Poisoning by aminoglycosides, undetermined, initial encounter Choice List 1 To 960.8 Poisoning by other specified antibiotics AND Choice List 2 E980.4 Poisoning by other specified drugs and medicinal substances, undetermined whether accidentally or purposely inflicted	Typographical error. The ICD-1-CM0 code title states the intent is undetermined.

Internal review:

ICD-10-CM to ICD-9-CM GEM entries for “hypersomnia, not physiological”

2014 entry	Updated 2015 entry	Comment
F51.19 Hypersomnia not due to a substance or known physiological condition To 327.19 Other organic hypersomnia	F51.19 Hypersomnia not due to a substance or known physiological condition To 307.43 Transient disorder of initiating or maintaining wakefulness OR	The updated entry is a closer translation match. 327.19 specifies an organic cause and the ICD-10-CM code title specifies the cause is not physiological. ICD-10-CM does not differentiate between transient and persistent sleep

2014 entry	Updated 2015 entry	Comment
	307.44 Persistent disorder of initiating or maintaining wakefulness	disorders in classifying hypersomnia, and so both translation alternatives are included in the entry as per GEMs inclusion criteria.

Internal review:

ICD-9-CM to ICD-10-CM GEM entries for “type 2 diabetes with ketoacidosis”

2014 entry	Updated 2015 entry	Comment
Example 250.1[02] Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled (2 codes) To E11.69 Type 2 diabetes mellitus with other specified complication	Example 250.1[02] Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled (2 codes) To E11.69 Type 2 diabetes mellitus with other specified complication OR E13.10 Other specified diabetes mellitus with ketoacidosis without coma	This translation alternative has been added consistent with advice published in 4Q 2013 Coding Clinic stating that type 2 diabetes with ketoacidosis should be coded to E13.10 to preserve the fact of ketoacidosis in the coded data. The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.

PROCEDURE GEMs

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “insertion of nasogastric feeding tube”

2014 entry	Updated 2015 entry	Comment
Example 0DH6[78]UZ Insertion of Feeding Device into Stomach, Via Natural or Artificial Opening (2 codes) To 43.0 Gastrotomy	Example 0DH6[78]UZ Insertion of Feeding Device into Stomach, Via Natural or Artificial Opening (2 codes) To 96.6 Enteral infusion of concentrated nutritional substances	The updated entry is a closer translation match for transorifice insertion of feeding device into stomach (i.e., nasogastric feeding tube).

Internal review:

ICD-10-PCS to ICD-9-CM GEM entries for “extracranial to extracranial artery bypass”

2014 entry	Updated 2015 entry	Comment
Example 031[HKM]0[9AJKZ]J 031[JLN]0[9AJKZ]K Bypass Right Common Carotid Artery to Right Extracranial Artery with Autologous Venous Tissue, Open Approach (30 codes) To 39.28 Extracranial-intracranial	Example 031[HKM]0[9AJKZ]J 031[JLN]0[9AJKZ]K Bypass Right Common Carotid Artery to Right Extracranial Artery with Autologous Venous Tissue, Open Approach (30 codes) To 39.29 Other (peripheral)	The ICD-9-CM translation alternatives do not meet inclusion criteria. The ICD-10-PCS code titles are for extracranial-extracranial bypass procedures and 39.28 specifies extracranial-intracranial bypass.

2014 entry	Updated 2015 entry	Comment
(EC-IC) vascular bypass	vascular shunt or bypass	

Internal review:

ICD-9-CM to ICD-10-PCS GEM entries for “extracranial to intracranial artery bypass”

2014 entry	Updated 2015 entry	Comment
Example 39.28 Extracranial-intracranial (EC-IC) vascular bypass To 031[ST]0[9AJKZ]G Bypass Right Temporal Artery to Intracranial Artery with Autologous Venous Tissue, Open Approach (10 codes)	Example 39.28 Extracranial-intracranial (EC-IC) vascular bypass To 031[ST]0[9AJKZ]G Bypass Right Temporal Artery to Intracranial Artery with Autologous Venous Tissue, Open Approach (10 codes) OR 031[HJ]0[9AJKZ]G Bypass Right Common Carotid Artery to Intracranial Artery with Autologous Venous Tissue, Open Approach (10 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code, and includes the common carotid artery body part values with the intracranial artery qualifier.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “percutaneous external heart assist insertion”

2014 entry	Updated 2015 entry	Comment
Example 37.68 Insertion of percutaneous external heart assist device To 02HL3DZ Insertion of Intraluminal Device into Left Ventricle, Percutaneous Approach OR Choice List 1 To 02HL3DZ Insertion of Intraluminal Device into Left Ventricle, Percutaneous Approach AND Choice List 2 To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)	Example 37.68 Insertion of percutaneous external heart assist device To 5A02[1,2]1[6,D] Assistance with Cardiac Output using Impeller/Other Pump (4 codes) OR Choice List 1 To 02HA3RZ Insertion of External Heart Assist System into Heart, Percutaneous Approach AND Choice List 2 To 5A02116 Assistance with Cardiac Output using Other Pump, Continuous	The updated entry was developed in response to public comment.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “biventricular heart assist system insertion”

2014 entry	Updated 2015 entry	Comment
Example 37.60 Implantation or insertion	Example 37.60 Implantation or insertion	The updated entry is a more complete translation of the procedure

2014 entry	Updated 2015 entry	Comment
of biventricular external heart assist system To 02HA[0,3,4]RS Insertion of Biventricular External Heart Assist System into Heart (3 codes)	of biventricular external heart assist system Choice List 1 To 02HA[0,3,4]RS Insertion of Biventricular External Heart Assist System into Heart (3 codes) AND Choice List 2 To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)	specified in the ICD-9-CM code. For ICD-9-codes where the heart assist system is non-implantable, the insertion procedure is coded in ICD-10-PCS with the root operation Insertion plus an ancillary code from section 5 to specify the extracorporeal assistance from the external portion of the device.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “single ventricular heart assist system insertion”

2014 entry	Updated 2015 entry	Comment
Example 37.65 Implant of single ventricular (extracorporeal) external heart assist system To 02HA0RZ Insertion of External Heart Assist System into Heart, Open Approach	Example 37.65 Implant of single ventricular (extracorporeal) external heart assist system Choice List 1 To 02HA[04]RZ Insertion of External Heart Assist System into Heart, Open Approach (2 codes) AND Choice List 2 To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code. For ICD-9-codes where the heart assist system is non-implantable, the insertion procedure is coded in ICD-10-PCS with the root operation Insertion plus an ancillary code from section 5 to specify the extracorporeal assistance from the external portion of the device.

Internal review:

ICD-10-PCS to ICD-9-CM GEM entry for “single ventricular heart assist system insertion”

2014 entry	Updated 2015 entry	Comment
02HA3RZ Insertion of External Heart Assist System into Heart, Percutaneous Approach To 37.65 Implant of single ventricular (extracorporeal) external heart assist system	02HA3RZ Insertion of External Heart Assist System into Heart, Percutaneous Approach To 37.68 Insertion of percutaneous external heart assist device	The ICD-10-PCS code specifying percutaneous approach for insertion of external heart assist system is classified to code 37.68 in the updated entry above.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entries for “right heart infusion device insertion”

2014 entry	Updated 2015 entry	Comment
Example 02H[6K]33Z Insertion of Infusion Device into Right	Example 02H[6K]33Z Insertion of Infusion Device into Right	The updated entry is a closer translation match. The translation alternatives have

2014 entry	Updated 2015 entry	Comment
Atrium/Ventricle, Percutaneous Approach (2 codes) To 37.11 Cardiotomy	Atrium/Ventricle, Percutaneous Approach (2 codes) To 38.93 Venous catheterization, not elsewhere classified	also been added to the ICD-9-CM to ICD-9-PCS GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “spinal decompression and exploration”

2014 entry	Updated 2015 entry	Comment
Example 03.09 Other exploration and decompression of spinal canal To 00N[WXYZ][034]ZZ Release Spinal Cord, Open Approach (9 codes) OR 0SB[035-8][034]ZZ Excision of Lower Vertebral Joint (18 codes) OR 43 other ICD-10-PCS codes	Example 03.09 Other exploration and decompression of spinal canal To 00N[WXYZ][034]ZZ Release Spinal Cord, Open Approach (9 codes) OR 0SB[035-8][034]ZZ Excision of Lower Vertebral Joint (18 codes) OR 0P[BN][3-4][034]ZZ Excision/Release of Upper Vertebra (12 codes) OR 0Q[BN][0-1][034]ZZ Excision/Release of Lower Vertebra (12 codes) OR 43 other ICD-10-PCS codes	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code. The PCS root operations Excision and Release of the vertebra in spinal decompression procedures is consistent with GEMs inclusion criteria. ICD-9-CM index entries for laminectomy and hemilaminectomy refer to code 03.09.

Public comment:

ICD-10-PCS to ICD-9-CM GEM entry for “external reposition of stomach”

2014 entry	Updated 2015 entry	Comment
0DS6XZZ Reposition Stomach, External Approach To 44.64 Gastropexy	0DS6XZZ Reposition Stomach, External Approach To 96.27 Manual reduction of hernia	The updated entry is a closer translation match. Similar codes containing the intestine body part values also translate to 96.27. This translation alternative has also been added to the ICD-9-CM to ICD-10-PCS GEM.

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “replacement of biliary/pancreatic duct stent”

2014 entry	Updated 2015 entry	Comment
Example 97.05 Replacement of stent (tube) in biliary or pancreatic duct	Example 97.05 Replacement of stent (tube) in biliary or pancreatic duct	The updated entry is a more complete translation of the procedure specified in the ICD-9-CM code. Translation alternatives for insertion of Intraluminal device have been

2014 entry	Updated 2015 entry	Comment
Choice List 1 To 0F7[5689D][78]DZ Dilation of Hepatic Duct with Intraluminal Device, Via Natural or Artificial Opening (10 codes) AND Choice List 2 To 0FP[BD][78X]DZ Removal of Intraluminal Device from Hepatobiliary Duct, Via Natural or Artificial Opening (6 codes)	Choice List 1 To 0F7[5689D][78]DZ Dilation of Hepatic Duct with Intraluminal Device, Via Natural or Artificial Opening (10 codes) OR 0FH[BD][78]DZ Insertion of Intraluminal Device into Hepatobiliary Duct, Via Natural or Artificial Opening (4 codes) AND Choice List 2 To 0FP[BD][78X]DZ Removal of Intraluminal Device from Hepatobiliary Duct, Via Natural or Artificial Opening (6 codes)	added to choice list 1.