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
197.89 Other postprocedural	197.89 Other postprocedural	The complete meaning of the
complications and disorders of	complications and disorders of	ICD-10-CM code per the index
the circulatory system, not	the circulatory system, not	includes postsurgical
elsewhere classified	elsewhere classified	lymphedema (elephantiasis).
To/From	To/From	Per the ICD-9-CM index,
997.1 Cardiac complications,	997.1 Cardiac complications,	postsurgical lymphedema and
not elsewhere classified	not elsewhere classified	postsurgical elephantiasis are
	OR	included in 997.99. The entry
	997.99 Complications affecting	will also be updated in the ICD-
	other specified body systems,	9-CM to ICD-10-CM GEM.
	not elsewhere classified	

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for "Osteopenia"

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

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

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

100-3-Civi to 100-10-Civi GLivi entry for unspectified bolle/cartilage disorder		
2016 entry	Updated 2017 entry	Comment
733.90 Disorder of bone and	733.90 Disorder of bone and	The updated entry is a more
cartilage, unspecified	cartilage, unspecified	complete entry for this
То	To	"unspecified" ICD-9-CM code,
M89.9 Disorder of bone, unspecified	M85.9 Disorder of bone density and structure, unspecified	which includes unspecified disorders of bone density and
OR	OR	structure.
M94.9 Disorder of cartilage, unspecified	M89.9 Disorder of bone, unspecified	
	OR	
	M94.9 Disorder of cartilage, unspecified	

Public comment:

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

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

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

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-	279.19 Other deficiency of cell-	The updated entry is a more
mediated immunity	mediated immunity	accurate translation of the
То	То	condition specified in the ICD-9-

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

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	D80.6 Antibody deficiency with	The updated entry is a more
near-normal immunoglobulins or	near-normal immunoglobulins or	accurate translation of the
with hyperimmunoglobulinemia	with hyperimmunoglobulinemia	condition specified in the ICD-
То	То	10-CM codes. The entry will
279.19 Other deficiency of cell-	279.09 Other deficiency of	also be updated in the ICD-9-
mediated immunity	humoral immunity	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	D80.9 Immunodeficiency with	The updated entry is a more
predominantly antibody defects,	predominantly antibody defects,	accurate translation of the
unspecified	unspecified	condition specified in the ICD-
То	То	10-CM codes. The entry will
279.19 Other deficiency of cell-	279.09 Other deficiency of	also be updated in the ICD-9-
mediated immunity	humoral immunity	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	N13.9 Obstructive and reflux	Flagging error only. The entry
uropathy, unspecified	uropathy, unspecified	was marked as a combination
То	То	entry (10112) and should be
59.29 Urinary calculus,	59.29 Urinary calculus,	marked as a single entry
unspecified	unspecified	(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	Example	Typographical error.
851.[0,2]1 Cortex (cerebral)	851.[0,2]1 Cortex (cerebral)	
contusion without mention of	contusion without mention of	

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

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

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

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 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 brainstem with loss of consciousness of without loss of consciousness,	2016 entry	Updated 2017 entry	Comment
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 S06.379A 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 S06.380A 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	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	

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

ICD-9-CM to ICD-10-CM GEM entry for "Osteoradionecrosis"

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

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

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

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)	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"

Ob-10-1 GO to 100-3-0 M OEM chary for pullifoliary aftery ineasurement/filloling		
2016 entry	Updated 2017 entry	Comment
Example	4A[01]3[03][5BJ]3 Monitoring of	The updated entry is a more
4A[01]3[034][5BJ]3 Monitoring	Arterial Flow, Pulmonary,	accurate translation of the
of Arterial Flow, Pulmonary,	Percutaneous Approach (12	procedure specified in the ICD-
Percutaneous Approach (12	codes)	10-PCS codes. The entry will
codes)	То	also be updated in the ICD-9-
То	89.59 Other nonoperative	CM to ICD-10-CM GEM.
89.63 Pulmonary artery pressure	cardiac and vascular	
monitoring	measurements	

Public comment:

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

2016 entry	Updated 2017 entry	Comment
Example	Example	Flagging error only. The "No
XR2[GH]021 Monitoring of Right	XR2[GH]021 Monitoring of Right	Map" flag was 0 and it should
Knee Joint using Intraoperative	Knee Joint using Intraoperative	have been 1.
Knee Replacement Sensor,	Knee Replacement Sensor,	
Open Approach, New	Open Approach, New	
Technology Group 1 (2 codes)	Technology Group 1 (2 codes)	
То	То	
NoI9	Nol9	

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.

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

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

Public comment:

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

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

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	03HY32Z Insertion of Monitoring	The updated entry is a more
Device into Upper Artery,	Device into Upper Artery,	accurate translation of the
Percutaneous Approach	Percutaneous Approach	procedure specified in the ICD- 10-PCS code. The entry will
То	То	also be changed in the ICD-10-
38.03 Incision of upper limb vessels	38.91 Arterial catheterization	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	Example	The updated entry is a more
37.79 Revision or relocation of	37.79 Revision or relocation of	complete translation of the
cardiac device pocket	cardiac device pocket	procedure specified in the ICD-

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

ICD-10-PCS to ICD-9-PCS GEM entry for "endovascular extirpation"

2016 entry	Updated 2017 entry	Comment
Example	Example	The updated entry is a more
03C53ZZ Extirpation of Matter	03C53ZZ Extirpation of Matter	accurate translation of the
from Right Axillary Artery,	from Right Axillary Artery,	percutaneous approach
Percutaneous Approach (138	Percutaneous Approach (138	specified in the ICD-PCS-CM
codes)	codes)	code. The entry will also be
		changed in the ICD-9-CM to
То	То	ICD-10-PCS GEM. In addition,
38.03 Incision of vessel, upper	39.79 Other endovascular	GEMs entries for percutaneous
limb vessels	procedures on other vessels	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	06L3[034][CD]Z Occlusion of	procedure specified in the ICD-
Esophageal Vein with	Esophageal Vein with	10-PCS code. The entry will
Extraluminal Device, Open	Extraluminal Device, Open	also be changed in the ICD-9-
Approach (6 codes)	Approach (6 codes)	CM to ICD-10-PCS GEM.
То	То	
38.87 Other surgical occlusion	38.87 Other surgical occlusion	
of vessels, abdominal veins	of vessels, abdominal veins	
	OR	
	42.91 Ligation of esophageal	
	varices	

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	Example 51.84 Endoscopic dilation of ampulla and biliary duct	The updated entry is a more complete translation of the procedure specified in the ICD-
To 0F7[5689C]8ZZ Dilation of Right Hepatic Duct, Via Natural or Artificial Opening Endoscopic (5 codes)	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)	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	Example	The updated entry is a more
42.33 Endoscopic excision or	42.33 Endoscopic excision or	complete translation of the
destruction of lesion or tissue of	destruction of lesion or tissue of	procedure specified in the ICD-
esophagus	esophagus	9-CM code, per the ICD-9-CM
		index and instructional notes for
To 0D[B5]5[48]ZZ Destruction	To 0D[B5]5[48]ZZ Destruction	the source system code. The
of Esophagus, Via Natural or	of Esophagus, Via Natural or	entry will also be changed in the
Artificial Opening Endoscopic (4	Artificial Opening Endoscopic (4	ICD-10-PCS to ICD-9-CM GEM.
codes)	codes)	
OR	OR	
0W3P8ZZ Control Bleeding in	06L[34]3[CDZ]Z Occlusion of	
Gastrointestinal Tract, Via	Esophageal Vein with	
Natural or Artificial Opening	Extraluminal Device,	
Endoscopic	Percutaneous Approach (6	
OR	codes)	
3E0G8TZ Introduction of	OR	
Destructive Agent into Upper GI,	0W3P8ZZ Control Bleeding in	
Via Natural or Artificial Opening	Gastrointestinal Tract, Via	
Endoscopic	Natural or Artificial Opening	
	Endoscopic	
	OR	

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

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

100-3-CW to 100-10-FC3 GEW entry for excision of retroperitoried in		
2016 entry	Updated 2017 entry	Comment
Example	Example	The updated entry is a more
54.4 Excision or destruction of	54.4 Excision or destruction of	complete translation of the
peritoneal tissue	peritoneal tissue	procedure specified in the ICD-
		9-CM code, per the ICD-9-CM
To 0D[B5][STVW][034]ZZ	To 0D[B5][STVW][034]ZZ	index and instructional notes for
Destruction of Greater	Destruction of Greater	the source system code. The
Omentum, Open Approach (28	Omentum, Open Approach (28	entry will also be changed in the
codes)	codes)	ICD-10-PCS to ICD-9-CM GEM.
	OR	
	0WBH[034]ZZ Excision of	
	Retroperitoneum, Open	
	Approach (3 codes)	

Public comment:

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

OD-3-OM to 10D-10-1 GO OLIM entry for obstetric laceration repair of ands		
2016 entry	Updated 2017 entry	Comment
Example	Example	The updated entry is a more
75.62 Repair of current obstetric	75.62 Repair of current obstetric	complete translation of the
laceration of rectum and	laceration of rectum and	procedure specified in the ICD-
sphincter ani	sphincter ani	9-CM code, per the ICD-9-CM
		index for the source system
To 0DQ[PR]^ZZ Repair	To 0DQ[PR]^ZZ Repair Anal	code.
Rectum, Open Approach (8	Sphincter, Open Approach (8	
codes)	codes)	
	OR	
	0DQQ[03478]ZZ Repair Anus,	
	Open Approach (5 codes)	

Public comment:

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

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

2016 entry	Updated 2017 entry	Comment
	01.24 Other craniotomy	

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

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

Public comment:

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

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

Public comment:

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

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

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

2016 entry	Updated 2017 entry	Comment
Example	Example	According to the requester, the
37.54 Replacement or repair of	37.54 Replacement or repair of	updated entry is a more
other implantable component of	other implantable component of	accurate translation of the
(total) replacement heart system	(total) replacement heart system	procedure specified in the ICD-
То	То	9-CM code, where heart
02WA[034]QZ Revision of	02WA0JZ Revision of Synthetic	replacement system is clearly
Implantable Heart Assist System	Substitute in Heart, Open	distinguished from implantable
in Heart, Open Approach (3	Approach	heart assist system per the ICD-
codes)		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	Example	According to the requester, the
37.55 Removal of internal	37.55 Removal of internal	updated entry is a more
biventricular heart replacement	biventricular heart replacement	accurate translation of the
system	system	procedure specified in the ICD-
То	То	9-CM code, where heart
02PA[034]QZ Removal of	02PA0JZ Removal of Synthetic	replacement system is clearly
Implantable Heart Assist System	Substitute from Heart, Open	distinguished from implantable
from Heart, Open Approach (3	Approach	heart assist system per the ICD-
codes)		9-CM index and instructional
		notes.