

ICD-10 GEMs FY2014 Version Update

Update Summary

The updated FY2014 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 FY2014 GEMs. The types of changes made include

- Entries for new FY2014 codes added
- Cluster translations expanded for completeness
- 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

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “screening for gout”

2013 entry	Updated 2014 entry	Comment
<p>V77.5 Screening for gout</p> <p>To Z13.0 Encounter for screening for diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</p>	<p>V77.5 Screening for gout</p> <p>To/from Z13.89 Encounter for screening for other disorder</p>	<p>The updated entry is a closer match. The ICD-10-CM index entry <i>Screening (for) > gout</i> refers to Z13.89.</p> <p>The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.</p>

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “ADHD predominantly inattentive type”

2013 entry	Updated 2014 entry	Comment
<p>F90.0 Attention-deficit hyperactivity disorder, predominantly inattentive type</p> <p>To/from 314.01 Attention deficit disorder with hyperactivity</p>	<p>F90.0 Attention-deficit hyperactivity disorder, predominantly inattentive type</p> <p>To/from 314.00 Attention deficit disorder without mention of hyperactivity</p>	<p>The updated entry is a closer match. The ICD-9-CM index entry <i>Disorder > attention deficit > predominantly > inattentive</i> refers to 314.00.</p> <p>The entry has also been added to the ICD-9-CM to ICD-10-CM GEM.</p>

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “cerebral degeneration in childhood unspecified”

2013 entry	Updated 2014 entry	Comment
330.9 Unspecified cerebral degeneration in childhood To G94 Other disorders of brain in diseases classified elsewhere	330.9 Unspecified cerebral degeneration in childhood To G31.9 Degenerative disease of nervous system, unspecified	The updated entry is a closer match. The ICD-10-CM index entry <i>Degeneration, degenerative > brain (cortical) (progressive) > childhood</i> refers to G31.9. The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.

Public comment:

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

2013 entry	Updated 2014 entry	Comment
271.0 Glycogenosis To E74.0[0-4,9] Glycogen storage disease (6 codes)	271.0 Glycogenosis To E74.0[0-4,9] Glycogen storage disease (6 codes) OR To E74.4 Disorders of pyruvate metabolism and gluconeogenesis	The updated entry meets inclusion criteria in the clinical opinion of the requestor. The ICD-10-CM index <i>Disorder (of) > gluconeogenesis</i> refers to E74.4.

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “history of mental disorder unspecified”

2013 entry	Updated 2014 entry	Comment
V11.9 Personal history of unspecified mental disorder To Z65.8 Other specified problems related to psychosocial circumstances	V11.9 Personal history of unspecified mental disorder To Z86.59 Personal history of other mental and behavioral disorders	The updated entry is a closer match for the condition specified in the ICD-9-CM code. The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.

ICD-9-CM to ICD-10-CM GEM entry for “redundant prepuce and phimosis”

2013 entry	Updated 2014 entry	Comment
605 Redundant prepuce and phimosis To N47.0 Adherent prepuce, newborn OR N47.1 Phimosis OR N47.2 Paraphimosis	605 Redundant prepuce and phimosis To N47.0 Adherent prepuce, newborn OR N47.1 Phimosis OR N47.2 Paraphimosis OR N47.5 Adhesions of prepuce and glans penis OR N47.8 Other disorders of prepuce	The updated entry is a more complete set of translation alternatives. The following ICD-9-CM index entries also refer to 605: <i>Adhesion(s), adhesive (postinfectional) (postoperative) > preputial, prepuce Concretion > prepuce (male)</i> The corresponding entries in the ICD-10-CM index refer to N47.5 and N47.8 respectively.

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “Disorder of vein unspecified”

2013 entry	Updated 2014 entry	Comment
<p>I87.9 Disorder of vein, unspecified</p> <p>To 459.81 Venous (peripheral) insufficiency, unspecified</p>	<p>I87.9 Disorder of vein, unspecified</p> <p>To/from 459.9 Unspecified circulatory system disorder</p>	<p>The updated entry is a closer match. The ICD-9-CM index entry <i>Disease, diseased > vein</i> refers to 459.9.</p> <p>The entry has also been added to the ICD-9-CM to ICD-10-CM GEM.</p>

ICD-10-CM to ICD-9-CM GEM entry for “open angle glaucoma”

2013 entry	Updated 2014 entry	Comment
<p>Example H40.11X[0-4] Primary open angle glaucoma (5 codes)</p> <p>To 365.11 Primary open angle glaucoma</p>	<p>Example H40.11X2 Primary open-angle glaucoma, moderate stage (5 codes)</p> <p>To</p> <p>Choice List 1 To 365.11 Primary open angle glaucoma</p> <p>AND</p> <p>Choice List 2 To 365.71 Mild stage glaucoma</p>	<p>The updated entries (70 ICD-10-CM codes in category H40) are a more complete set of translation alternatives, revised to create ICD-9 target cluster entries that include the ICD-9 glaucoma stage code specified in the source system ICD-10-CM code.</p>

Diagnosis GEMs entry for “primary thrombocytopenia unspecified”

2013 entry	Updated 2014 entry	Comment
<p>287.30 Primary thrombocytopenia, unspecified</p> <p>To/from D47.3 Essential (hemorrhagic) thrombocythemia</p>	<p>287.30 Primary thrombocytopenia, unspecified</p> <p>To/from D69.49 Other primary thrombocytopenia</p>	<p>Typographical error.</p>

ICD-9-CM to ICD-10-CM GEMs entry for “complex endometrial hyperplasia”

2013 entry	Updated 2014 entry	Comment
<p>621.32 Complex endometrial hyperplasia without atypia</p> <p>To/from N85.02 Endometrial intraepithelial neoplasia [EIN]</p>	<p>621.32 Complex endometrial hyperplasia without atypia</p> <p>To/from N85.01 Benign endometrial hyperplasia</p>	<p>The updated entry is a closer match. The ICD-10-CM index entry <i>Hyperplasia, hyperplastic > endometrium, endometrial (adenomatous) (benign) (cystic) (glandular) (glandular-cystic) (polypoid) > complex (without atypia)</i> refers to N85.01.</p> <p>The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.</p>

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “sprain of septal cartilage of nose”

2013 entry	Updated 2014 entry	Comment
<p>848.0 Sprain of septal cartilage of nose</p> <p>To/from S03.1XXA Dislocation of septal cartilage of nose, initial encounter</p>	<p>848.0 Sprain of septal cartilage of nose</p> <p>To/from S03.8XXA Sprain of joints and ligaments of other parts of head, initial encounter</p>	<p>The updated entry is a closer match for the condition specified in the ICD-9-CM code.</p> <p>The ICD-10-CM index entry <i>Sprain (joint) (ligament) > nose</i> refers to S038.XXA.</p> <p>The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.</p>

Public comment:

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

2013 entry	Updated 2014 entry	Comment
<p>Example</p> <p>823.12 Open fracture of upper end of fibula with tibia</p> <p>Choice List 1</p> <p>To S82.101B Unspecified fracture of upper end of right tibia, initial encounter for open fracture type I or II</p> <p>OR</p> <p>S82.831B Other fracture of upper and lower end of right fibula, initial encounter for open fracture type I or II</p> <p>AND</p> <p>Choice List 2</p> <p>To S82.102B Unspecified fracture of upper end of left tibia, initial encounter for open fracture type I or II</p> <p>OR</p> <p>S82.832B Other fracture of upper and lower end of left fibula, initial encounter for open fracture type I or II</p>	<p>Example Scenario 1</p> <p>823.12 Open fracture of upper end of fibula with tibia</p> <p>Choice List 1</p> <p>To S82.101B Unspecified fracture of upper end of right tibia, initial encounter for open fracture type I or II</p> <p>AND</p> <p>Choice List 2</p> <p>To S82.831B Other fracture of upper and lower end of right fibula, initial encounter for open fracture type I or II</p>	<p>The target clusters of the combination entry were numbered so the fracture of fibula and tibia were not on the same leg. In the revised entry the leg of the fracture site matches within a scenario.</p>

Public comment:

ICD-10-CM to ICD-9-CM GEM entry for “Fetus-to-fetus placental transfusion syndrome”

2013 entry	Updated 2014 entry	Comment
<p>O43.029 Fetus-to-fetus placental transfusion syndrome, unspecified trimester</p> <p>To 656.00 Fetal-maternal hemorrhage, unspecified as to episode of care or not applicable</p>	<p>O43.029 Fetus-to-fetus placental transfusion syndrome, unspecified trimester</p> <p>To 656.70 Other placental conditions, affecting management of mother, unspecified as to episode of care or not applicable</p>	<p>The GEMs entry for O43.029 was incompletely revised in the previous update. This updated entry completes the revised translation.</p>

Public comment:

ICD-9-CM to ICD-10-CM GEM entry for “screening for yaws”

2013 entry	Updated 2014 entry	Comment
<p>V74.6 Screening examination for yaws</p> <p>To Z11.2 Encounter for screening for other bacterial diseases</p>	<p>V74.6 Screening examination for yaws</p> <p>To/from Z11.8 Encounter for screening for other infectious and parasitic diseases</p>	<p>The updated entry is a closer match for the condition specified in the ICD-9-CM code.</p> <p>The ICD-10-CM index entry <i>Screening (for) > yaws</i> refers to Z11.8.</p> <p>The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.</p>

Public comment:

ICD-9-CM to ICD-10-CM GEM entries for “screening for infectious/parasitic diseases”

2013 entry	Updated 2014 entry	Comment
<p>V75.[1,2,3,5,6] Screening examination for [malaria, leishmaniasis, schistosomiasis, trypanosomiasis, filariasis]</p> <p>To Z11.8 Encounter for screening for other infectious and parasitic diseases</p>	<p>V75.[1,2,3,6] Screening examination for [malaria, leishmaniasis, schistosomiasis, trypanosomiasis, filariasis]</p> <p>To/from Z11.6 Encounter for screening for other protozoal diseases and helminthiases</p>	<p>The updated entries are a closer match for the condition specified in the ICD-9-CM code.</p> <p>The ICD-10-CM index entries below all refer to Z11.6.</p> <p><i>Screening (for) > filariasis</i> <i>Screening (for) > leishmaniasis</i> <i>Screening (for) > malaria</i> <i>Screening (for) > schistosomiasis</i> <i>Screening (for) > trypanosomiasis</i></p> <p>The entries have also been added to the ICD-10-CM to ICD-9-CM GEM.</p>

PROCEDURE GEMs

New ICD-10-PCS codes:

Procedure GEMs entry for new “temporary restriction of abdominal aorta” codes

New 2014 entry	Comment
<p>Example 04V0[0,3,4]DJ Restriction of Abdominal Aorta with Intraluminal Device, Temporary, Open Approach (3 codes)</p> <p>To/from 39.77 Temporary (partial) therapeutic endovascular occlusion of vessel</p>	<p>The 3 ICD-10-PCS codes are new for FY2014.</p>

Deleted ICD-10-PCS codes:

Procedure GEMs entry for deleted “temporary restriction of abdominal aorta” codes

New 2014 entry	Comment
<p>Example 02VW[0,3,4]DJ Restriction of Thoracic Aorta with Intraluminal Device, Temporary, Open Approach (3 codes)</p> <p>To/from 39.77 Temporary (partial) therapeutic endovascular occlusion of vessel</p>	<p>The 3 ICD-10-PCS codes are deleted for FY2014.</p>

**New ICD-10-PCS and ICD-9-CM codes:
Procedure GEMs entry for new “Epiretinal visual prosthesis” codes**

New 2014 entry	Comment
<p>Example 08H[0,1]05Z Insertion of Epiretinal Visual Prosthesis into Right Eye, Open Approach (2 codes)</p> <p>To/from 14.81 Implantation of epiretinal visual prosthesis</p>	<p>The ICD-10-PCS codes and ICD-9-CM code are new for FY2014.</p>

**New ICD-10-PCS and ICD-9-CM codes:
Procedure GEMs entry for new “Infusion of 4-F PCC” codes**

New 2014 entry	Comment
<p>Example 3028[0,3]B1 Transfusion of Nonautologous 4-Factor Prothrombin Complex Concentrate into Vein, Percutaneous Approach (2 codes)</p> <p>To/from 00.96 Infusion of 4-Factor Prothrombin Complex Concentrate</p>	<p>The ICD-10-PCS codes and ICD-9-CM code are new for FY2014.</p>

**Public comment:
ICD-9-CM to ICD-10-PCS GEM entry for “substance abuse treatment counseling”**

2013 entry	Updated 2014 entry	Comment
<p>Example 94.6[1,4] Drug/alcohol rehabilitation (2 codes)</p> <p>To HZ30ZZZ Individual Counseling for Substance Abuse Treatment, Cognitive</p>	<p>Example 94.6[1,4] Drug/alcohol rehabilitation (2 codes)</p> <p>To HZ30ZZZ Individual Counseling for Substance Abuse Treatment, Cognitive OR HZ40ZZZ Group Counseling for Substance Abuse Treatment, Cognitive</p>	<p>The updated entry is a closer match. ICD-9-CM codes for alcohol and drug rehabilitation do not differentiate between individual and group counseling, therefore both types of ICD-10-PCS alternatives are included.</p>

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “cardiomyostimulation system”

2013 entry	Updated 2014 entry	Comment
<p>Example 37.67 Implantation of cardiomyostimulation system</p> <p>To</p> <p>Choice List 1 0KX[F,G]0ZZ Transfer Right Trunk Muscle, Open Approach (2 codes) AND</p> <p>Choice List 2 To 0PT[1,2]0ZZ Resection of Right Rib, Open Approach (2 codes) AND</p> <p>Choice List 3 To 02HN[0,3,4]MZ Insertion of Cardiac Lead into Pericardium, Open Approach (3 codes)</p>	<p>Example 37.67 Implantation of cardiomyostimulation system</p> <p>To 02QA[0,3,4]ZZ Repair Heart, Open Approach (3 codes)</p>	<p>The cluster translation of the ICD-9 code did not meet inclusion criteria because the translation added detail is not specified in the source system code. The general PCS root operation Repair is a more appropriate translation.</p>

Internal review:

ICD-9-CM to ICD-10-PCS GEM entry for “external heart assist system NOS”

2013 entry	Updated 2014 entry	Comment
<p>Example 37.62 Insertion of temporary non-implantable extracorporeal circulatory assist device</p> <p>To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)</p>	<p>Example 37.62 Insertion of temporary non-implantable extracorporeal circulatory assist device</p> <p>Choice List 1 To 02HA[0,3,4]RZ Insertion of External Heart Assist System into Heart, Open Approach (3 codes) AND</p> <p>Choice List 2 To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)</p>	<p>The GEMs entries concerning ICD-9-CM heart assist device codes were reviewed for consistency by CMS physician and coding staff, and revised as needed to adhere to the following principles: 1) For ICD-9-CM codes where the pumping mechanism of a heart assist device is inserted or implanted in the body, such a device is coded in ICD-10-PCS with a code from the root operation Insertion in the Med/Surg section. 2) For ICD-9-codes where the pumping mechanism is non-implantable, such a device 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.</p>

Internal review:

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

2013 entry	Updated 2014 entry	Comment
<p>Example 37.68 Insertion of percutaneous external heart assist device</p> <p>To 5A02[1,2]1[6,D] Assistance with Cardiac Output using Impeller Pump (4 codes)</p>	<p>Example 37.68 Insertion of percutaneous external heart assist device</p> <p>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)</p>	<p>See comment for ICD-9-CM code 37.62 above.</p> <p>In this case the ICD-9-CM code 37.68 includes both a totally implantable device (e.g. Impella) and a device with external components (e.g. TandemHeart) so the corresponding GEMs entry contains both a single and a cluster translation.</p>

Internal review:

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

2013 entry	Updated 2014 entry	Comment
<p>Example 37.66 Insertion of implantable heart assist system</p> <p>Choice List 1 To 02HA[0,3,4]QZ Insertion of Implantable Heart Assist System into Heart, Open Approach (3 codes) AND Choice List 2 To 5A02[1,2]16 Assistance with Cardiac Output using Other Pump (2 codes)</p>	<p>Example 37.66 Insertion of implantable heart assist system</p> <p>To 02HA[0,3,4]QZ Insertion of Implantable Heart Assist System into Heart, Open Approach (3 codes)</p>	<p>See comment for ICD-9-CM code 37.62 above.</p> <p>In this case the ICD-9-CM code 37.66 is a totally implantable device with the pumping mechanism placed in the body, so the ICD-10-PCS translation does not require the extracorporeal assistance code.</p>

Public comment:

ICD-9-CM to ICD-10-PCS GEM entry for “replacement of pedicle stabilization device”

2013 entry	Updated 2014 entry	Comment
<p>Example Scenario 1 84.82 Insertion or replacement of pedicle-based dynamic stabilization device(s)</p> <p>Choice List 1 To 0RP[0,1,4,6,A][0,3,4]4Z Removal of Internal Fixation Device from Upper Vertebral Joint (15 codes) OR OSP[0,3][0,3,4]4Z Removal of Internal Fixation Device from Lumbar/Lumbosacral Vertebral Joint (6 codes) AND Choice List 2 To 0RH[0,1,4,6,A][0,3,4]CZ Insertion of Pedicle-Based Spinal Stabilization Device into Upper Vertebral Joint (15 codes) OR OSH[0,3][0,3,4]CZ Insertion of Pedicle-Based Spinal Stabilization Device into Lumbar/Lumbosacral Vertebral Joint (6 codes)</p>	<p>Example Scenario 1 84.82 Insertion or replacement of pedicle-based dynamic stabilization device(s)</p> <p>Choice List 1 To 0RP0[0,3,4]4Z Removal of Internal Fixation Device from Occipital-cervical Joint (4 codes) AND Choice List 2 To 0RH0[0,3,4]CZ Insertion of Pedicle-Based Spinal Stabilization Device into Occipital-cervical Joint (3 codes)</p>	<p>The target clusters of the combination entry were organized into separate scenarios so the spinal levels match within a scenario.</p>

Public comment:

Procedure GEMs entry for “excision of supernumerary breast”

2013 entry	Updated 2014 entry	Comment
<p>Example 85.21 Local excision of lesion of breast</p> <p>To/from 0HBYXZZ Excision of Supernumerary Breast, External Approach</p>	<p>Example 85.24 Excision of ectopic breast tissue</p> <p>To/from 0HBYXZZ Excision of Supernumerary Breast, External Approach</p>	<p>In the previous update, the GEMs entry was incompletely revised. It should have included 0HBYXZZ in the revised translation. This updated entry completes the revised translation.</p>

Public comment:

Procedure GEMs entry for “spinal tap”

2013 entry	Updated 2014 entry	Comment
<p>Example 03.31 Spinal tap</p> <p>To/from 009U[3,4][Z,0]Z Drainage of Spinal Canal, Percutaneous Approach (4 codes)</p>	<p>Example 03.31 Spinal tap</p> <p>To/from 009U[3,4][Z,0]Z Drainage of Spinal Canal, Percutaneous Approach (4 codes) OR To/from 009U[3,4]ZX Drainage of Spinal Canal, Percutaneous Approach, Diagnostic (2 codes)</p>	<p>The updated entry is a closer match. The ICD-9-CM index entry <i>Drainage > spinal (canal) (cord) > diagnostic</i> refers to 03.31.</p> <p>The entry has also been added to the ICD-10-PCS to ICD-9-CM GEM.</p>

**Public comment:
Procedure GEMs entry for “sacroiliac spinal fusion”**

2013 entry	Updated 2014 entry	Comment
<p>Example 81.29 Arthrodesis of other specified joints</p> <p>To/from OSG[7,8][0,3,4][4,7,J,K,Z] Fusion of Sacroiliac Joint (30 codes)</p>	<p>Example 81.08 Lumbar and lumbosacral fusion of the anterior column, posterior technique</p> <p>To/from OSG[7,8][0,3,4][4,7,J,K,Z] Fusion of Sacroiliac Joint (30 codes)</p>	<p>The updated entry is a closer match. The ICD-9-CM index entry <i>Arthrodesis (compression) (extra-articular) (intra-articular) (with bone graft) (with fixation device)</i> > <i>sacroiliac</i> refers to 81.08.</p> <p>The entry has also been added to the ICD-10-CM to ICD-9-CM GEM.</p>