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

Public comment:
ICD-10-CM to ICD-9-CM GEM entry for "ADHD predominantly inattentive type"

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

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 *Degeneration, degenerative > brain (cortical) (progressive) > childhood* 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 *Disorder (of) > gluconeogenesis* 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: *Adhesion(s), adhesive (postinfectional) (postoperative) > preputial, prepuce* *Concretion > prepuce (male)* 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
I87.9 Disorder of vein, unspecified To **459.81** Venous (peripheral) insufficiency, unspecified	**I87.9** Disorder of vein, unspecified To/from **459.9** Unspecified circulatory system disorder	The updated entry is a closer match. The ICD-9-CM index entry *Disease, diseased > vein* refers to 459.9. The entry has also been added to the ICD-9-CM to ICD-10-CM GEM.

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

2013 entry	Updated 2014 entry	Comment
Example **H40.11X[0-4]** Primary open angle glaucoma (5 codes) To **365.11** Primary open angle glaucoma	**Example** **H40.11X2** Primary open-angle glaucoma, moderate stage (5 codes) To **Choice List 1** To **365.11** Primary open angle glaucoma AND **Choice List 2** To **365.71** Mild stage glaucoma	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.

Diagnosis GEMs entry for "primary thrombocytopenia unspecified"

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

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

2013 entry	Updated 2014 entry	Comment
621.32 Complex endometrial hyperplasia without atypia To/from **N85.02** Endometrial intraepithelial neoplasia [EIN]	**621.32** Complex endometrial hyperplasia without atypia To/from **N85.01** Benign endometrial hyperplasia	The updated entry is a closer match. The ICD-10-CM index entry *Hyperplasia, hyperplastic > endometrium, endometrial (adenomatous) (benign) (cystic) (glandular) (glandular-cystic) (polypoid) > complex (without atypia)* refers to N85.01. 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 "sprain of septal cartilage of nose"

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

Public comment:
ICD-9-CM to ICD-10-PCS GEM entry for "open fracture of tibia with fibula"

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

Public comment:
ICD-10-CM to ICD-9-CM GEM entry for "Fetus-to-fetus placental transfusion syndrome"

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

Public comment:
ICD-9-CM to ICD-10-CM GEM entry for "screening for yaws"

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

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

PROCEDURE GEMs
New ICD-10-PCS codes:
Procedure GEMs entry for new "temporary restriction of abdominal aorta" codes

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

Deleted ICD-10-PCS codes:
Procedure GEMs entry for deleted "temporary restriction of abdominal aorta" codes

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

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

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

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

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

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

2013 entry	Updated 2014 entry	Comment
Example **94.6[1,4]** Drug/alcohol rehabilitation (2 codes) To **HZ30ZZZ** Individual Counseling for Substance Abuse Treatment, Cognitive	**Example** **94.6[1,4]** Drug/alcohol rehabilitation (2 codes) To **HZ30ZZZ** Individual Counseling for Substance Abuse Treatment, Cognitive **OR** **HZ40ZZZ** Group Counseling for Substance Abuse Treatment, Cognitive	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.

Public comment:
ICD-9-CM to ICD-10-PCS GEM entry for "cardiomyostimulation system"

2013 entry	Updated 2014 entry	Comment
Example **37.67** Implantation of cardiomyostimulation system To **Choice List 1** **0KX[F,G]0ZZ** Transfer Right Trunk Muscle, Open Approach (2 codes) **AND** **Choice List 2** To **0PT[1,2]0ZZ** Resection of Right Rib, Open Approach (2 codes) **AND** **Choice List 3** To **02HN[0,3,4]MZ** Insertion of Cardiac Lead into Pericardium, Open Approach (3 codes)	**Example** **37.67** Implantation of cardiomyostimulation system To **02QA[0,3,4]ZZ** Repair Heart, Open Approach (3 codes)	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.

Internal review:
ICD-9-CM to ICD-10-PCS GEM entry for "external heart assist system NOS"

2013 entry	Updated 2014 entry	Comment
Example **37.62** Insertion of temporary non-implantable extracorporeal circulatory assist device To **5A02[1,2]16** Assistance with Cardiac Output using Other Pump (2 codes)	**Example** **37.62** Insertion of temporary non-implantable extracorporeal circulatory assist device **Choice List 1** To **02HA[0,3,4]RZ** Insertion of External 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)	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.

Internal review:
ICD-9-CM to ICD-10-PCS GEM entry for "percutaneous external heart assist device"

2013 entry	Updated 2014 entry	Comment
Example **37.68** Insertion of percutaneous external heart assist device To **5A02[1,2]1[6,D]** Assistance with Cardiac Output using Impeller Pump (4 codes)	**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)	See comment for ICD-9-CM code 37.62 above. 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.

Internal review:
ICD-9-CM to ICD-10-PCS GEM entry for "implantable heart assist system"

2013 entry	Updated 2014 entry	Comment
Example **37.66** Insertion of implantable heart assist system **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)	**Example** **37.66** Insertion of implantable heart assist system To **02HA[0,3,4]QZ** Insertion of Implantable Heart Assist System into Heart, Open Approach (3 codes)	See comment for ICD-9-CM code 37.62 above. 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.

Public comment:
ICD-9-CM to ICD-10-PCS GEM entry for "replacement of pedicle stabilization device"

2013 entry	Updated 2014 entry	Comment
Example Scenario 1 **84.82** Insertion or replacement of pedicle-based dynamic stabilization device(s) **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** **0SP[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** **0SH[0,3][0,3,4]CZ** Insertion of Pedicle-Based Spinal Stabilization Device into Lumbar/ Lumbosacral Vertebral Joint (6 codes)	**Example Scenario 1** **84.82** Insertion or replacement of pedicle-based dynamic stabilization device(s) **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)	The target clusters of the combination entry were organized into separate scenarios so the spinal levels match within a scenario.

Public comment:
Procedure GEMs entry for "excision of supernumerary breast"

2013 entry	Updated 2014 entry	Comment
Example **85.21** Local excision of lesion of breast To/from **0HBYXZZ** Excision of Supernumerary Breast, External Approach	**Example** **85.24** Excision of ectopic breast tissue To/from **0HBYXZZ** Excision of Supernumerary Breast, External Approach	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.

Public comment:
Procedure GEMs entry for "spinal tap"

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

Public comment:
Procedure GEMs entry for "sacroiliac spinal fusion"

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