

2005 ICD-9-CM Codes and DRG Changes

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ICD-9-CM coding and DRG changes for fiscal year 2005 include 150 new diagnosis codes, 21 new V codes, 54 new procedure codes, 25 invalid diagnosis codes, and 3 new DRGs. The changes were released in the August 11 Federal Register and went into effect October 1, 2004, for discharges occurring on or after that date.

Diagnosis Codes

Many of the new codes were created as new diseases were identified. As a result, many of the changes were added to further specify existing codes by using fifth digits. Some of the new codes are listed in the tables on the following pages, broken down by code classification. Codes specified as a complication/comorbidity (CC) are identified.

Infectious disease code 066.4, West Nile fever, has been expanded to add fifth digits for West Nile fever unspecified, with encephalitis, with other neurological manifestations, and with other complications. New hepatitis C codes, 070.70, Unspecified viral hepatitis C without hepatic coma (CC), and 070.71, Unspecified viral hepatitis C with hepatic coma (CC), were also created.

Endocrine disorders. The code for hyperparathyroidism (252.0) has been expanded to add fifth digits for unspecified, primary, secondary, and other hyperparathyroidism. Code 273.4 was created for alpha-1-antitrypsin deficiency. This genetic disorder can cause liver and lung disease in children and adults. Codes 277.85–87 were added to specify other disorders of metabolism such as Zellweger syndrome.

Nervous system. Category 347 has been expanded to include 347.00, Narcolepsy without cataplexy; 347.01, Narcolepsy with cataplexy; 347.10, Narcolepsy in conditions classified elsewhere without cataplexy; and 347.11, Narcolepsy in conditions classified elsewhere with cataplexy. Code 380.03 is new for chondritis of pinna.

Circulatory system. Three new codes were created for venous embolism and thrombosis of deep vessels of the lower extremity: 453.40 for lower extremity unspecified (CC), 453.41 for proximal lower extremity (CC), and 453.42 for distal lower extremity (CC).

Respiratory system code 477.2 was added for allergic rhinitis due to animal hair and dander. Code 491.22, Obstructive chronic bronchitis with acute bronchitis (CC) is a new code which will combine 466.0, Acute bronchitis with chronic bronchitis.

Digestive system. There are 76 new codes for dental disorders or anomalies. Code 530.86 was added for infection of esophagostomy (CC) and 530.87 for mechanical complication of esophagostomy (CC).

Genitourinary system. Two new codes were expanded from subcategory 588.8: code 588.81, Secondary hyperparathyroidism of renal origin and 588.89, Other specified disorders resulting from impaired renal function.

For female genital disorders, subcategory 618.0 has been expanded to provide detail on the types of prolapse. New codes for uterine disorders include:

- 621.30, Endometrial hyperplasia, unspecified
- 621.31, Simple endometrial hyperplasia without atypia
- 621.32, Complex endometrial hyperplasia without atypia
- 621.33, Endometrial hyperplasia with atypia

Added codes for cervical disorders are 622.10, Dysplasia of cervix, unspecified; 622.11, Mild dysplasia of cervix; and 622.12, Moderate dysplasia of cervix. Codes 629.20–23 were added for female genital mutilation status.

Skin and subcutaneous tissue. New skin disorder codes include:

- 692.84, Contact dermatitis and other eczema due to animal dander
- 705.21, Primary focal hyperhidrosis
- 705.22, Secondary focal hyperhidrosis

Code 707.0, Decubitus ulcer category has been expanded to describe location of ulcer. Codes 707.00–9 will continue to be CCs.

Congenital anomalies. Four new codes were expanded in subcategory 758.3, Autosomal deletion syndromes, which include 758.31 for Cri-du-chat syndrome.

Signs and symptoms. Several codes were added to the symptom category, including:

- 780.58, Sleep-related movement disorder
- 788.38, Overflow incontinence
- 790.95, Elevated C-reactive protein
- 795.05, Cervical high-risk human papillomavirus DNA test positive
- 795.08, Unsatisfactory smear
- 796.6, Abnormal findings on neonatal screening

V Codes. There are a number of new codes added to the V code section. Several are for contact with or exposure to diseases or infections such as E. coli or Meningococcus. Codes V46.11, Dependence on respirator, status (CC); V58.66, Long-term use of aspirin; and V58.67, Long-term use of insulin were also added. New category V84.0 was created for genetic susceptibility to malignant neoplasm. This is broken down further by site.

Revision to Code Categories and Use

The following lists a few important changes for 2005:

- Changes to mental illness category titles (290–315)
- Terms IDDM, NIDDM, adult onset, insulin dependent, and non-insulin dependent were deleted from fifth-digit classification for diabetes, with differentiation now by type 1 and type 2.
- Code 305.9 includes caffeine intoxication.
- Code 436 no longer includes stroke or cerebrovascular accident (CVA). CVA, NOS, and stroke is now listed under 434.91. Embolic CVA is now listed under 434.11, ischemic CVA under 434.91, and thrombotic CVA under 434.01. Hemorrhagic CVA and stroke will be listed under 430, 431, and 432.0–9.
- Emphysema with chronic bronchitis is indexed to 491.20–22.
- Code 506.0 includes crack pneumonitis.
- Code 646.8 includes pregnancy complicated by biliary problems.
- Code 995.9, Code-also note was revised from code first underlying condition to code first systemic infection.
- New code V01.79 includes exposure to HIV.
- Code V09.0 includes MRSA in the description.
- Code V09.8 includes VRE in the description.

Procedure Codes

Procedures NEC. There were 23 new procedure codes added to the first chapter (00) for 2005. Codes 00.16, Pressurized treatment of venous bypass graft (conduit) with pharmaceutical substance, and 00.17, Infusion of vasopressor agent, were added because vasopressors are used in the treatment of shock and require a higher level of acuity. This had been coded under 99.29. New codes 00.31–00.39 describe computer-assisted surgery. Codes 00.91, Transplant from live related donor; 00.92, Transplant from live nonrelated donor; and 00.93, Transplant from cadaver, were added to clearly specify transplant cases.

ENT. A new procedure code in this category is 27.64 for insertion of palatal implant.

Cardiovascular. New cardiac procedures are 37.68, Insertion of percutaneous external heart device; 37.90, Insertion of left atrial appendage device; and 89.49, Automatic implantable cardioverter/defibrillator check. Interventional cardiologists via a transeptal catheter insert percutaneous heart assist devices for patients who can't sustain cardiac surgery.

Digestive. Seven new digestive system procedure codes were developed to specify laparoscopic procedures.

Musculoskeletal. New codes 81.65, Vertebroplasty, and 81.66, Kyphoplasty, were added. Vertebroplasty and kyphoplasty are minimally invasive and are used to treat vertebral compression fractures due to osteoporosis or osteolysis. Vertebroplasty was previously coded under 78.49.

Other Procedures. Code 99.78, Aquapheresis, is a new code for AquaDex system 100 fluid removal system. This is used for patients with fluid overload seen in CHF, renal failure, post-surgical fluid overload, metabolic disease, and hyponatremia. This procedure removes four liters in an eight-hour period.

New DRGs for 2005

There are three new DRGs for fiscal year 2005:

- 541 for Tracheostomy with Mechanical Ventilation 96 + Hours or Principal Diagnosis Excluding Face, Mouth, and Neck Diagnoses with Major OR Procedure
- 542 for Tracheostomy with Mechanical Ventilation 96 + Hours or Principal Diagnosis Excluding Face, Mouth, and Neck Diagnoses without Major OR Procedure
- 543 for Craniotomy with Implantation of Chemotherapeutic Agent or Acute Complex Central Nervous System Principal Diagnosis

These new DRGs were created from existing DRGs 1 and 2 by removing three types of patients based on their principal diagnosis and will be placed in MDC 1 and contain patients who undergo a craniotomy procedure with a principal diagnosis belonging to one of the following three categories:

- Patients with a major central nervous system infection, such as bacterial meningitis
- Patients with a subarachnoid hemorrhage, intracranial hemorrhage, or an acute stroke
- Patients with central nervous system trauma resulting in brain laceration or brain injury associated with an open head wound

In addition, DRG 543 will include cases involving treatment using chemotherapeutic agents and devices implanted in the brain, such as implantable chemotherapeutic wafers.

Coding Reassignments to Different DRGs

- 37.62, Insertion of nonimplantable heart assist system from DRGs 104/105 to DRG 525 (heart assist system implant)
- 37.66, Insertion of implantable heart assist system from DRG 525 to DRG 103 (heart transplant)
- 00.53 and 37.7X, Combined pacemaker device and lead insertions moved from DRG 118 to DRG 115/116, depending on principal diagnosis assigned
- 81.61, 360-degree spinal fusion, moves from DRG 496 to 497/498

DRG Revisions and Deletions

- DRG 14 title changed from "Intracranial Hemorrhage and Stroke with Infarction" to "Intracranial Hemorrhage or Cerebral Infarction"
- DRG 504 title changed to "Extensive Burns or Full Thickness Burns with Mechanical Ventilation 96+ Hours with Skin Graft"
- DRG 505 title changed to "Extensive Burns or Full Thickness Burns with Mechanical Ventilation 96+ Hours without Skin Grafts"
- DRGs 504 and 505 modifies from DRGs 506–9 in cases with third-degree burns or full-thickness burns when procedure code 96.72 is reported

- DRG 483 will be deleted with the addition of DRG 541 and DRG 542

This DRG analysis covered highlights of the changes, but a more thorough report is available at www.ahima.org/dc.

Added Diagnoses Codes for 2005	
Code	Definition
Infectious Diseases: West Nile Fever	
066.40	West Nile fever, unspecified West Nile fever, with encephalitis West Nile fever, with other neurological manifestations West Nile fever, with other complications
066.41	
066.42	
066.49	
Infectious Diseases: Unspecified Viral Hepatitis C	
070.70	Unspecified viral hepatitis C, without hepatic coma (CC) Unspecified viral hepatitis C, with hepatic coma (CC)
070.71	
Endocrine Disorders: Hyperparathyroidism	
252.00	Hyperparathyroidism, unspecified
252.01	Primary hyperparathyroidism
252.02	Secondary hyperparathyroidism, non-renal
252.08	Other hyperparathyroidism
Endocrine Disorders: Metabolism	
273.4	Alpha-1-antitrypsin deficiency Disorders of fatty acid oxidation Peroxisomal disorders Disorders of mitochondrial metabolism
277.85	
277.86	
277.87	
Nervous System Disorders: Cataplexy and Narcolepsy	
347.00	Narcolepsy without cataplexy Narcolepsy with cataplexy Narcolepsy in conditions classified elsewhere without cataplexy Narcolepsy in conditions classified elsewhere with cataplexy
347.01	
347.10	
347.11	
Diseases of the Ear and Mastoid Process: Disorders of External Ear	
380.03	Chondritis of pinna
Circulatory System: Venous Embolism and Thrombosis	
453.40	Venous embolism and thrombosis of unspecified deep vessels of lower extremity (CC) Venous embolism and thrombosis of deep vessels of proximal lower extremity (CC) Venous embolism and thrombosis of deep vessels of distal lower extremity (CC)
453.41	
453.42	
Respiratory Disorders	

477.2	Allergic rhinitis due to animal (i.e., cat, dog) hair and dander
491.22	Obstructive chronic bronchitis with acute bronchitis (CC)
Dental Disorders	
521.06	
521.07	Dental caries pit and fissure
521.08	Dental caries of smooth surface
521.10	Dental caries of root surface
521.11	Excessive attrition, unspecified
521.12	Excessive attrition, limited to enamel
521.13	Excessive attrition, extending into dentine
521.14	Excessive attrition, extending into pulp
521.15	Excessive attrition, localized
521.20	Excessive attrition, generalized
521.21	Abrasion, unspecified
521.22	Abrasion, limited to enamel
521.23	Abrasion, extending into dentine
521.24	Abrasion, extending into pulp
521.25	Abrasion, localized
521.30	Abrasion, generalized
521.31	Erosion, unspecified
521.32	Erosion, limited to enamel
521.33	Erosion, extending into dentine
521.34	Erosion, extending into pulp
521.35	Erosion, localized
521.40	Erosion, generalized
521.41	Pathological resorption, unspecified
521.42	Pathological resorption, internal
521.49	Pathological resorption, external
523.20	Other pathological resorption
523.21	Gingival recession, unspecified
523.22	Gingival recession, minimal
523.23	Gingival recession, moderate
523.24	Gingival recession, severe
523.25	Gingival recession, localized
525.20	Gingival recession, generalized
525.21	Unspecified atrophy of edentulous alveolar ridge
525.22	Minimal atrophy of the mandible
525.23	Moderate atrophy of the mandible
525.24	Severe atrophy of the mandible
525.25	Minimal atrophy of the maxilla
525.26	Moderate atrophy of the maxilla
	Severe atrophy of the maxilla
Dentofacial Anomalies	
524.07	
524.20	Excessive tuberosity of jaw
524.21	Unspecified anomaly of dental arch relationship
524.22	Angle's class I
524.23	Angle's class II
524.24	Angle's class III
524.25	Open anterior occlusal relationship
524.26	Open posterior occlusal relationship
524.27	Excessive horizontal overlap

524.28	Reverse articulation
524.29	Anomalies of interarch distance
524.30	Other anomalies of dental arch relationship
524.31	Unspecified anomaly of tooth position
524.32	Crowding of teeth
524.33	Excessive spacing of teeth
524.34	Horizontal displacement of teeth
524.35	Vertical displacement of teeth
524.36	Rotation of teeth
524.37	Insufficient interocclusal distance of teeth (ridge)
524.39	Excessive interocclusal distance of teeth
524.50	Other anomalies of tooth position
524.51	Dentofacial functional abnormality, unspecified
524.52	Abnormal jaw closure
524.53	Limited mandibular range of motion
524.54	Deviation in opening and closing of the mandible
524.55	Insufficient anterior guidance
524.56	Centric occlusion maximum intercuspation discrepancy
524.57	Non-working side interference
524.59	Lack of posterior occlusal support
524.64	Other dentofacial functional abnormalities
524.75	Temporomandibular joint sounds on opening and/or closing jaw
524.76	Vertical displacement of alveolus and teeth
524.81	Occlusal plane deviation
524.82	Anterior soft tissue impingement
524.89	Posterior soft tissue impingement
	Other specified dentofacial anomalies

Disorders of Oral Epithelium

528.71	Minimal keratinized residual ridge mucosa
528.72	Excessive keratinized residual ridge mucosa
528.79	Other disturbances of oral epithelium, including tongue

Digestive System: Diseases of Esophagus

530.86	Infection of esophagostomy (CC)
530.87	Mechanical complication of esophagostomy (CC)

Genitourinary System: Renal Disorders

588.81	Secondary hyperparathyroidism (of renal origin)
588.89	Other specified disorders resulting from impaired renal function

Genitourinary System: Female Genital Disorders—Genital Prolapse

618.00	
618.01	Unspecified prolapse of vaginal walls
618.02	Cystocele, midline
618.03	Cystocele, lateral
618.04	Urethrocele
618.05	Rectocele
618.09	Perineocele
618.81	Other prolapse of vaginal walls without mention of uterine prolapse
618.82	Incompetence or weakening of pubocervical tissue
618.83	Incompetence or weakening of rectovaginal tissue
618.89	Pelvic muscle wasting
	Other specified genital prolapse
Genitourinary System: Uterine Disorders	
621.30	Endometrial hyperplasia, unspecified
621.31	Simple endometrial hyperplasia without atypia
621.32	Complex endometrial hyperplasia without atypia
621.33	Endometrial hyperplasia with atypia
Genitourinary System: Cervical Disorders	
622.10	Dysplasia of cervix, unspecified
622.11	Mild dysplasia of cervix
622.12	Moderate dysplasia of cervix
Genitourinary System: Disorders of Female Genital Organs	
629.20	Female genital mutilation status, unspecified
629.21	Female genital mutilation type I status
629.22	Female genital mutilation type II status
629.23	Female genital mutilation type III status
Skin and Subcutaneous Tissue: Skin Disorders	
692.84	Contact dermatitis and other eczema due to animal (i.e., cat, dog) dander
705.21	Primary focal hyperhidrosis
705.22	Secondary focal hyperhidrosis
Skin and Subcutaneous Tissue: Decubitus	
707.00	
707.01	Decubitus ulcer, unspecified site (CC)
707.02	Decubitus ulcer, elbow (CC)
707.03	Decubitus ulcer, upper back (CC)
707.04	Decubitus ulcer, lower back (CC)
707.05	Decubitus ulcer, hip (CC)
707.06	Decubitus ulcer, buttock (CC)
707.07	Decubitus ulcer, ankle (CC)
707.09	Decubitus ulcer, heel (CC)
	Decubitus ulcer, other site (CC)
Congenital Anomalies	
758.31	
758.32	Cri-du-chat syndrome
758.33	Velo-cardio-facial syndrome
758.39	

<https://bokold.ahima.org/doc?oid=58759>

00.24	Intravascular imaging of coronary vessels
00.25	Intravascular imaging of renal vessels
00.28	Intravascular imaging, other specified vessels
00.29	Intravascular imaging, unspecified vessels
Procedures and Intervention: Computer-assisted Surgery	
00.31	Computer-assisted surgery with CT/CTA Computer-assisted MR/MRA Computer-assisted surgery with fluoroscopy Imageless computer-assisted surgery Computer-assisted surgery with multiple datasets Other computer-assisted surgery
00.32	
00.33	
00.34	
00.35	
00.39	
Procedures and Intervention: Procedures on Blood Vessels	
00.61	Percutaneous angioplasty or atherectomy of precerebral (extracranial) vessel(s) (OR) Percutaneous angioplasty or atherectomy of intracranial vessel(s) (OR) Percutaneous insertion of carotid artery stent(s) Percutaneous insertion of other precerebral (extracranial) artery stent(s) Percutaneous insertion of intracranial vascular stent(s)
00.62	
00.63	
00.64	
00.65	
Other Procedures and Interventions	
00.91	Transplant from live related donor
Other Procedures and Interventions (continued)	
00.92	Transplant from live non-related donor Transplant from cadaver
00.93	
Operations on Nose, Mouth, and Pharynx	
27.64	Insertion of palatal implant
Operations on the Cardiovascular System	
37.68	Insertion of percutaneous external heart assist device (OR)
37.90	Insertion of left atrial appendage device
Operations on the Digestive System	
44.38	Laparoscopic gastroenterostomy (OR)
44.67	Laparoscopic procedures for creation of esophagogastric sphincteric competence(OR)
44.68	Laparoscopic gastropasty (OR)
44.95	Laparoscopic gastric restrictive procedure (OR)
44.96	Laparoscopic revision of gastric restrictive procedure (OR)
44.97	Laparoscopic removal of gastric restrictive device(s) (OR)
44.98	Laparoscopic adjustment of size of adjustable gastric restrictive device (OR)
Operations on the Musculoskeletal System	
81.65	Vertebroplasty (OR) Kyphoplasty (OR) Implantation of internal limb lengthening device with kinetic distraction Implantation of other internal limb-lengthening device Insertion of bone void filler Insertion of other spinal devices (OR)
81.66	
84.53	
84.54	
84.55	
84.59	
84.60	
84.60	

84.61	Insertion of spinal disc prosthesis, not otherwise specified (OR)
84.62	Insertion of partial spinal disc prosthesis, cervical (OR)
84.63	Insertion of total spinal disc prosthesis, cervical (OR)
84.64	Insertion of spinal disc prosthesis, thoracic (OR)
84.65	Insertion of partial spinal disc prosthesis, lumbosacral (OR)
84.66	Insertion of total spinal disc prosthesis, lumbosacral (OR)
84.67	Revision or replacement of artificial spinal disc prosthesis, cervical (OR)
84.68	Revision or replacement of artificial spinal disc prosthesis, thoracic (OR)
84.69	Revision or replacement of artificial spinal disc prosthesis, lumbosacral (OR)
86.94	Revision or replacement of artificial spinal disc prosthesis, not otherwise specified (OR)
86.95	Insertion or replacement of single array neurostimulator pulse generator (OR)
86.96	Insertion or replacement of dual array neurostimulator pulse generator (OR)
	Insertion or replacement of other neurostimulator pulse generator (OR)

Other Procedures

89.49	Automatic implantable cardioverter/defibrillator check
99.78	Aquapheresis

Invalid Codes for 2005

Code:	Definition
066.4	West Nile fever
252.0	Hyperparathyroidism
347	Cataplexy and narcolepsy
521.1	Excessive attrition
521.2	Abrasion
521.3	Erosion
521.4	Pathological resorption
523.2	Gingival recession
524.2	Anomalies of dental arch relationship
524.3	Anomalies of tooth position
524.5	Dentofacial functional abnormalities
524.8	Other specified dentofacial anomaly
525.2	Atrophy of edentulous alveolar ridge
528.7	Other disturbances of oral epithelium, including tongue
588.8	Other specified disorders resulting from impaired renal function
618.0	Prolapse of vaginal walls without mention of uterine prolapse
618.8	Other specified genital prolapse
621.3	Endometrial cystic hyperplasia
622.1	Dysplasia of cervix (uteri)
707.0	Decubitus ulcer
758.3	Autosomal deletion syndrome
V01.7	Other viral disease
V46.1	Respirator
V72.3	Gynecological examination
V72.4	Pregnancy examination or test, pregnancy unconfirmed

New DRG Codes for 2005

Code:	Definition
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541	Tracheostomy with Mechanical Ventilation 96 Plus Hours or Principal Diagnosis Except Face, Mouth, and Neck Diagnoses with Major OR Procedure
542	Tracheostomy with Mechanical Ventilation 96 Plus Hours or Principal Diagnosis Except Face, Mouth, and Neck Diagnoses without Major OR Procedure
543	Craniotomy with Implantation of Chemotherapeutic Agent or Acute Complex Central Nervous System Principal Diagnosis
Deleted DRG Codes for 2005	
Code:	Definition
483	Tracheostomy with Mechanical Ventilation 96 Plus Hours or Principal Diagnosis Except Face, Mouth, and Neck Diagnoses

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