



Expert

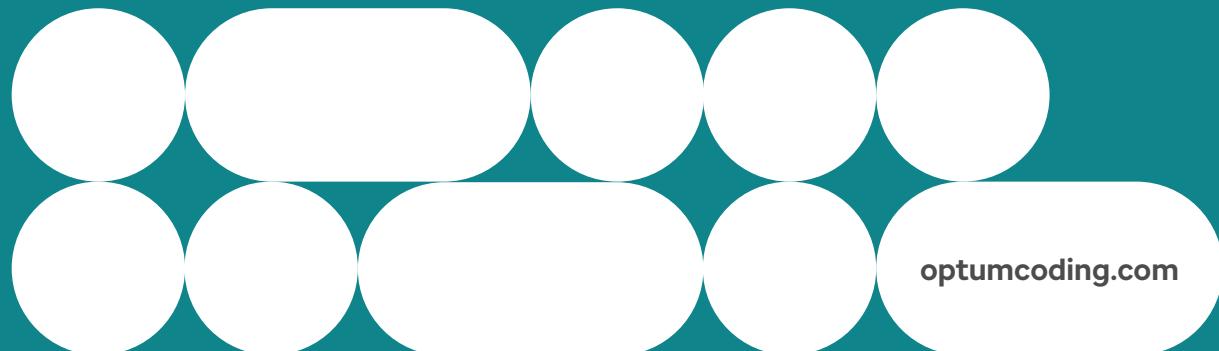
ICD-10-CM Expert for Skilled Nursing and Inpatient Rehabilitation Facilities

The complete official guidelines and code set

Codes valid from October 1, 2026

through September 30, 2027

2027



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Age Edits**N Newborn Age: 0**

These diagnoses are intended for newborns and neonates and the patient's age must be 0 years.

N47.0 Adherent prepuce, newborn

RP N

P Pediatric Age: 0-17

These diagnoses are intended for children and the patient's age must be between 0 and 17 years.

L21.1 Seborrheic infantile dermatitis

RP P

M Maternity Age: 9-64

These diagnoses are intended for childbearing patients between the age of 9 and 64 years.

O02.9 Abnormal product of conception, unspecified

RP M

A Adult Age: 15-124

These diagnoses are intended for patients between the age of 15 and 124 years.

R54 Age-related physical debility

RP A

Frailty
Old age
Senescence
Senile asthenia
Senile debility

EXCLUDES1 age-related cognitive decline (R41.81)
sarcopenia (M62.84)
senile psychosis (F03.-)
senility NOS (R41.81)

Sex Edits

Effective April 1, 2024, the Integrated Outpatient Code Editor (IOCE), a program used to process claims for outpatient providers, has deactivated the sex conflict edit. There will no longer be a female or male edit restriction for ICD-10-CM codes.

NA Non-therapy Ancillary

This icon identifies diagnoses that are considered comorbid conditions for the non-therapy ancillary (NTA) payment component of the Patient Driven Payment Model (PDPM). For a comprehensive list of all NTA comorbidity diagnosis codes, please refer to appendix E, at the back of this book.

A31.0 Pulmonary mycobacterial infection

NA

Infection due to *Mycobacterium avium*
Infection due to *Mycobacterium intracellulare* [Battey bacillus]
Infection due to *Mycobacterium kansasii*

SL Speech-language Pathology

This icon identifies diagnoses that are considered comorbid conditions for the speech-language pathology (SLP) payment component of the Patient Driven Payment Model (PDPM). For a comprehensive list of all SLP comorbidity diagnosis codes, please refer to appendix E, at the back of this book.

C02.1 Malignant neoplasm of border of tongue

SL

Malignant neoplasm of tip of tongue

RP Return to Provider

This icon identifies a diagnosis code that is unspecified, ambiguous, or is specified in the ICD-10-CM official coding guidelines and conventions to be inappropriate for reporting as the principal diagnosis. If one of these codes is reported as the principal diagnosis on the minimum data set (MDS), the MDS should be returned to the provider to select an appropriate ICD-10-CM code. For a comprehensive list of all return-to-provider codes, refer to appendix F, at the back of this book.

B90.0 Sequela of central nervous system tuberculosis

RP

ED IRF Etiologic Diagnosis

This icon identifies diagnoses that represent an etiologic diagnosis. The etiologic diagnosis, entered into Item 22 of the IRF-PAI, is the problem that led to the condition represented by the impairment group code (IGC), entered into Item 21 of the IRF-PAI. For a comprehensive list of impairment groups to which these etiologic diagnoses may be grouped, please refer to appendix H, at the back of this book.

G37.1 Central demyelination of corpus callosum

ED

CC IRF Comorbid Condition

This icon identifies diagnoses that are considered comorbid conditions for an inpatient rehabilitation admission. When reported as secondary diagnoses, these conditions are recognized as having a significant impact on the cost of furnishing inpatient rehabilitation services, therefore qualifying a case for payment adjustment. Comorbid conditions are entered into Item 24 of the IRF-PAI. For a comprehensive list of all comorbid conditions, please refer to appendix I, at the back of this book.

A32.89 Other forms of listeriosis

CC

Listerial cerebral arteritis

Color Bars**Manifestation Code**

Codes defined as manifestation codes appear in italic type, with a blue color bar over the code description. A manifestation cannot be reported as a first-listed code; it is sequenced as a secondary diagnosis with the underlying disease code listed first.

G32.89 Other specified degenerative disorders of nervous system in diseases classified elsewhere

RP

Degenerative encephalopathy in diseases classified elsewhere

Unspecified Diagnosis

Codes that appear with a gray color bar over the alphanumeric code identify unspecified diagnoses. These codes should be used in limited circumstances, when neither the diagnostic statement nor the documentation provides enough information to assign a more specific diagnosis code. The abbreviation NOS, "not otherwise specified," in the tabular list may be interpreted as "unspecified."

G03.9 Meningitis, unspecified

CC

Arachnoiditis (spinal) NOS

RIC Excl: 03 Non-traumatic brain injury; 05 Non-traumatic spinal cord injury

ICD-10-CM Index to Diseases and Injuries

A

Aarskog's syndrome Q87.19
Abandonment — see Maltreatment
Abasia (-astasia) (hysterical) F44.4
Abderhalden-Kaufmann-Lignac syndrome (cystinosis) E72.04
Abdomen, abdominal — see also condition
 acute R10.0
 angina K55.1
 muscle deficiency syndrome Q79.4
Abdominalgia — see Pain, abdominal
Abduction contracture, hip or other joint — see Contracture, joint
Aberrant (congenital) — see also Malposition, congenital
 adrenal gland Q89.1
 artery (peripheral) Q27.8
 basilar NEC Q28.1
 cerebral Q28.3
 coronary Q24.5
 digestive system Q27.8
 eye Q15.8
 lower limb Q27.8
 precerebral Q28.1
 pulmonary Q25.79
 renal Q27.2
 retina Q14.1
 specified site NEC Q27.8
 subclavian Q27.8
 upper limb Q27.8
 vertebral Q28.1
 breast Q83.8
 endocrine gland NEC Q89.2
 hepatic duct Q44.5
 pancreas Q45.3
 parathyroid gland Q89.2
 pituitary gland Q89.2
 sebaceous glands, mucous membrane, mouth, congenital Q38.6
 spleen Q89.09
 subclavian artery Q27.8
 thymus (gland) Q89.2
 thyroid gland Q89.2
 vein (peripheral) NEC Q27.8
 cerebral Q28.3
 digestive system Q27.8
 lower limb Q27.8
 precerebral Q28.1
 specified site NEC Q27.8
 upper limb Q27.8
Aberration
 distastial — see Disturbance, visual
 mental F99
Abetalipoproteinemia E78.6
Abiotrophy R68.89
Ablatio, ablation
 retinae — see Detachment, retina
Ablepharia, ablepharon Q10.3
Abnormal, abnormality, abnormalities — see also
 Anomaly
 acid-base balance (mixed) E87.4
 albumin R77.0
 alphafetoprotein R77.2
 alveolar ridge K08.9
 anatomical relationship Q89.9
 apertures, congenital, diaphragm Q79.1
 atrial septal, specified NEC Q21.19
 auditory perception H93.29-
 diploacus — see Diploacus
 hyperacusis — see Hyperacusis
 recruitment — see Recruitment, auditory
 threshold shift — see Shift, auditory threshold
 autosomes Q99.9
 fragile site Q95.5
 basal metabolic rate R94.8
 biosynthesis, testicular androgen E29.1
 bleeding time R79.1
 blood amino-acid level R79.83
 blood level (of)
 cobalt R79.0
 copper R79.0
 iron R79.0

Abnormal, abnormality, abnormalities — continued
 blood level — continued
 lithium R78.89
 magnesium R79.0
 mineral NEC R79.0
 zinc R79.0
 blood pressure
 elevated R03.0
 low reading (nonspecific) R03.1
 blood sugar R73.09
 blood-gas level R79.81
 bowel sounds R19.15
 absent R19.11
 hyperactive R19.12
 brain scan R94.02
 breathing R06.9
 caloric test R94.138
 cerebrospinal fluid R83.9
 cytology R83.6
 drug level R83.2
 enzyme level R83.0
 hormones R83.1
 immunology R83.4
 microbiology R83.5
 nonmedicinal level R83.3
 specified type NEC R83.8
 chemistry, blood R79.9
 C-reactive protein R79.82
 drugs — see Findings, abnormal, in blood
 gas level R79.81
 minerals R79.0
 pancytopenia D61.818
 PTT R79.1
 specified NEC R79.89
 toxins — see Findings, abnormal, in blood
 chest sounds (friction) (rales) R09.89
 chromosome, chromosomal Q99.9
 with more than three X chromosomes, female Q97.1
 analysis result R89.8
 bronchial washings R84.8
 cerebrospinal fluid R83.8
 cervix uteri NEC R78.89
 nasal secretions R84.8
 nipple discharge R89.8
 peritoneal fluid R85.89
 pleural fluid R84.8
 prostatic secretions R86.8
 saliva R85.89
 seminal fluid R86.8
 sputum R84.8
 synovial fluid R89.8
 throat scrapings R84.8
 vagina R87.89
 vulva R87.89
 wound secretions R89.8
 dicentriate replacement Q93.2
 ring replacement Q93.2
 sex Q99.8
 female phenotype Q97.9
 specified NEC Q97.8
 male phenotype Q98.9
 specified NEC Q98.8
 structural male Q98.6
 specified NEC Q99.8
 clinical findings NEC R68.89
 coagulation D68.9
 newborn, transient P61.6
 profile R79.1
 time R79.1
 communication — see Fistula
 conjunctiva, vascular H11.41-
 coronary artery Q24.5
 cortisol-binding globulin E27.8
 course, eustachian tube Q17.8
 creatinine clearance R94.4
 cytology
 anus R85.619
 atypical squamous cells cannot exclude high grade squamous intraepithelial lesion (ASC-H) R85.611
 atypical squamous cells of undetermined significance (ASC-US) R85.610
 cytologic evidence of malignancy R85.614
Abnormal, abnormality, abnormalities — continued
 cytology — continued
 anus — continued
 high grade squamous intraepithelial lesion (HSIL) R85.613
 human papillomavirus (HPV) DNA test
 high risk positive R85.81
 low risk positive R85.82
 inadequate smear R85.615
 low grade squamous intraepithelial lesion (LSIL) R85.612
 satisfactory anal smear but lacking transformation zone R85.616
 specified NEC R85.618
 unsatisfactory smear R85.615
 female genital organs — see Abnormal, Papanicolaou (smear)
 dark adaptation curve H53.61
 dentofacial NEC — see Anomaly, dentofacial development, developmental Q89.9
 central nervous system Q07.9
 diagnostic imaging
 abdomen, abdominal region NEC R93.5
 biliary tract R93.2
 bladder R93.41
 breast R92.8
 central nervous system NEC R90.89
 cerebrovascular NEC R90.89
 coronary circulation R93.1
 digestive tract NEC R93.3
 gastrointestinal (tract) R93.3
 genitourinary organs R93.89
 head R93.0
 heart R93.1
 intrathoracic organ NEC R93.89
 kidney R93.42-
 limbs R93.6
 liver R93.2
 lung (field) R91.8
 musculoskeletal system NEC R93.7
 renal pelvis R93.41
 retroperitoneum R93.5
 site specified NEC R93.89
 skin and subcutaneous tissue R93.89
 skull R93.0
 testis R93.81-
 ureter R93.41
 urinary organs specified NEC R93.49
 direction, teeth, fully erupted M26.30
 ear ossicles, acquired NEC H74.39-
 ankylosis — see Ankylosis, ear ossicles
 discontinuity — see Discontinuity, ossicles, ear
 partial loss — see Loss, ossicles, ear (partial)
 Ebstein Q22.5
 echocardiogram R93.1
 echoencephalogram R90.81
 echogram — see Abnormal, diagnostic imaging
 electrocardiogram [ECG] [EKG] R94.31
 electroencephalogram [EEG] R94.01
 electrolyte — see Imbalance, electrolyte
 electromyogram [EMG] R94.131
 electro-oculogram [EOG] R94.110
 electrophysiological intracardiac studies R94.39
 electroretinogram [ERG] R94.111
 erythrocytes
 congenital, with perinatal jaundice D58.9
 feces (color) (contents) (mucus) R19.5
 finding — see Findings, abnormal, without diagnosis fluid
 amniotic — see Abnormal, specimen, specified
 cerebrospinal — see Abnormal, cerebrospinal fluid
 peritoneal — see Abnormal, specimen, digestive organs
 pleural — see Abnormal, specimen, respiratory organs
 synovial — see Abnormal, specimen, specified
 thorax (bronchial washings) (pleural fluid) — see Abnormal, specimen, respiratory organs
 vaginal — see Abnormal, specimen, female genital organs
 form
 teeth K00.2
 uterus — see Anomaly, uterus

	Malignant Primary	Malignant Secondary	Ca in situ	Benign	Uncertain Behavior	Unspecified Behavior		Malignant Primary	Malignant Secondary	Ca in situ	Benign	Uncertain Behavior	Unspecified Behavior
Neoplasm, neoplastic — continued							Neoplasm, neoplastic — continued						
brain — continued							bronchus — continued						
basal ganglia	C71.0	C79.31	—	D33.0	D43.0	D49.6	main	C34.0-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1
cerebellopontine angle	C71.6	C79.31	—	D33.1	D43.1	D49.6	middle lobe of lung	C34.2	C78.0-✓	D02.21	D14.31	D38.1	D49.1
cerebellum NOS	C71.6	C79.31	—	D33.1	D43.1	D49.6	overlapping lesion	C34.8-✓	—	—	—	—	—
cerebrum	C71.0	C79.31	—	D33.0	D43.0	D49.6	upper lobe of lung	C34.1-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1
choroid plexus	C71.7	C79.31	—	D33.1	D43.1	D49.6	brow	C44.309	C79.2	D04.39	D23.39	D48.5	D49.2
corpus callosum	C71.8	C79.31	—	D33.2	D43.2	D49.6	basal cell carcinoma	C44.319	—	—	—	—	—
corpus striatum	C71.0	C79.31	—	D33.0	D43.0	D49.6	specified type NEC	C44.399	—	—	—	—	—
cortex (cerebral)	C71.0	C79.31	—	D33.0	D43.0	D49.6	squamous cell carcinoma	C44.329	—	—	—	—	—
frontal lobe	C71.1	C79.31	—	D33.0	D43.0	D49.6	buccal (cavity)	C06.9	C79.89	D00.00	D10.39	D37.09	D49.0
globus pallidus	C71.0	C79.31	—	D33.0	D43.0	D49.6	commissure	C06.0	C79.89	D00.02	D10.39	D37.09	D49.0
hippocampus	C71.2	C79.31	—	D33.0	D43.0	D49.6	groove (lower) (upper)	C06.1	C79.89	D00.02	D10.39	D37.09	D49.0
hypothalamus	C71.0	C79.31	—	D33.0	D43.0	D49.6	mucosa	C06.0	C79.89	D00.02	D10.39	D37.09	D49.0
internal capsule	C71.0	C79.31	—	D33.0	D43.0	D49.6	sulcus (lower) (upper)	C06.1	C79.89	D00.02	D10.39	D37.09	D49.0
medulla							bulbourethral gland	C68.0	C79.19	D09.19	D30.4	D41.3	D49.59
oblongata	C71.7	C79.31	—	D33.1	D43.1	D49.6	bursa — see Neoplasm, connective tissue						
meninges	C70.0	C79.32	—	D32.0	D42.0	D49.7	buttock NEC	C76.3	C79.89	D04.5	D36.7	D48.7	D49.89
midbrain	C71.7	C79.31	—	D33.1	D43.1	D49.6	calf	C76.5-✓	C79.89	D04.7-✓	D36.7	D48.7	D49.89
occipital lobe	C71.4	C79.31	—	D33.0	D43.0	D49.6	calvarium	C41.0	C79.51	—	D16.4	D48.0	D49.2
overlapping lesion	C71.8	C79.31	—	—	—	—	calyx, renal canal	C65.-✓	C79.0-✓	D09.19	D30.1-✓	D41.1-✓	D49.51-✓
parietal lobe	C71.3	C79.31	—	D33.0	D43.0	D49.6	anal	C21.1	C78.5	D01.3	D12.9	D37.8	D49.0
peduncle	C71.7	C79.31	—	D33.1	D43.1	D49.6	auditory (external) — see also Neoplasm, skin, ear						
pons	C71.7	C79.31	—	D33.1	D43.1	D49.6	auricular (external) — see also Neoplasm, skin, ear	C44.20-✓	C79.2	D04.2-✓	D23.2-✓	D48.5	D49.2
stem	C71.7	C79.31	—	D33.1	D43.1	D49.6	canalicular, biliary (biliferi) (intrahepatic)						
tapetum	C71.8	C79.31	—	D33.2	D43.2	D49.6	canthus (eye) (inner) (outer)	C22.1	C78.7	D01.5	D13.4	D37.6	D49.0
temporal lobe	C71.2	C79.31	—	D33.0	D43.0	D49.6	basal cell carcinoma						
thalamus	C71.0	C79.31	—	D33.0	D43.0	D49.6	sebaceous cell carcinoma	C44.11-✓	—	—	—	—	—
uncus	C71.2	C79.31	—	D33.0	D43.0	D49.6	specified type NEC	C44.13-✓	—	—	—	—	—
ventricle (floor) fourth	C71.5	C79.31	—	D33.0	D43.0	D49.6	squamous cell carcinoma	C44.19-✓	—	—	—	—	—
branchial (cleft) (cyst) (vestiges)	C71.7	C79.31	—	D33.1	D43.1	D49.6	capillary — see Neoplasm, connective tissue						
breast (connective tissue) (glandular tissue) (soft parts)	C10.4	C79.89	D00.08	D10.5	D37.05	D49.0	caput coli	C18.0	C78.5	D01.0	D12.0	D37.4	D49.0
areola	C50.9-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	carcinoid — see Tumor, carcinoid						
axillary tail	C50.0-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	cardia (gastric)	C16.0	C78.89	D00.2	D13.1	D37.1	D49.0
central portion	C50.6-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	cardiac orifice (stomach)	C16.0	C78.89	D00.2	D13.1	D37.1	D49.0
inner	C50.1-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	cardio-esophageal junction	C16.0	C78.89	D00.2	D13.1	D37.1	D49.0
lower	C50.8-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	cardio-esophagus	C16.0	C78.89	D00.2	D13.1	D37.1	D49.0
lower-inner quadrant	C50.3-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	carina (bronchus)	C34.0-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1
lower-outer quadrant	C50.5-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	carotid (artery) body	C49.0	C79.89	—	D21.0	D48.1-✓	D49.2
mastectomy site (skin) — see also Neoplasm, breast, skin							carpus (any bone)	C75.4	C79.89	—	D35.5	D44.6	D49.7
specified as breast tissue	C44.501	C79.2	—	—	—	—	cartilage (articular) (joint) NEC — see also Neoplasm, bone	C40.1-✓	C79.51	—	D16.1-✓	—	—
midline	C50.8-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	arytenoid	C41.9	C79.51	—	D16.9	D48.0	D49.2
nipple	C50.0-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	auricular	C32.3	C78.39	D02.0	D14.1	D38.0	D49.1
outer overlapping lesion	C50.8-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	bronchi	C34.0-✓	C78.39	—	D21.0	D48.1-✓	D49.2
skin	C50.8-✓	—	—	—	—	—	costal	C41.3	C79.51	—	D16.7	D48.0	D49.2
basal cell carcinoma	C44.501	C79.2	D04.5	D23.5	D48.5	—	cricoid	C32.3	C78.39	D02.0	D14.1	D38.0	D49.1
specified type NEC	C44.511	—	—	—	—	—	cuneiform	C32.3	C78.39	D02.0	D14.1	D38.0	D49.1
squamous cell carcinoma	C44.521	—	—	—	—	—	ear (external)	C49.0	C79.89	—	D21.0	D48.1-✓	D49.2
tail (axillary)	C50.6-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	ensiform	C41.3	C79.51	—	D16.7	D48.0	D49.2
upper	C50.8-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3	epiglottis	C32.1	C78.39	D02.0	D14.1	D38.0	D49.1
upper-inner quadrant	C50.2-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3							
upper-outer quadrant	C50.4-✓	C79.81	D05.-✓	D24.-✓	D48.6-✓	D49.3							
broad ligament	C57.1-✓	C79.82	D07.39	D28.2	D39.8	D49.59							
bronchiogenic, bronchogenic (lung)	C34.9-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1							
bronchiale	C34.9-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1							
bronchus	C34.9-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1							
carina	C34.0-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1							
lower lobe of lung	C34.3-✓	C78.0-✓	D02.2-✓	D14.3-✓	D38.1	D49.1							

Substance	Poisoning, Accidental (unintentional)	Poisoning, Intentional Self-harm	Poisoning, Assault	Poisoning, Undetermined	Adverse Effect	Under-dosing	Substance	Poisoning, Accidental (unintentional)	Poisoning, Intentional Self-harm	Poisoning, Assault	Poisoning, Undetermined	Adverse Effect	Under-dosing
Androstalone	T38.7X1	T38.7X2	T38.7X3	T38.7X4	T38.7X5	T38.7X6	Anthiolimine	T37.4X1	T37.4X2	T37.4X3	T37.4X4	T37.4X5	T37.4X6
Androstanolone	T38.7X1	T38.7X2	T38.7X3	T38.7X4	T38.7X5	T38.7X6	Anthralin	T49.4X1	T49.4X2	T49.4X3	T49.4X4	T49.4X5	T49.4X6
Androsterone	T38.7X1	T38.7X2	T38.7X3	T38.7X4	T38.7X5	T38.7X6	Anthramycin	T45.1X1	T45.1X2	T45.1X3	T45.1X4	T45.1X5	T45.1X6
Anemone pulsatilla	T62.2X1	T62.2X2	T62.2X3	T62.2X4	—	—	Antidiuretic NEC	T44.8X1	T44.8X2	T44.8X3	T44.8X4	T44.8X5	T44.8X6
Anesthesia							Antiallergic NEC	T45.0X1	T45.0X2	T45.0X3	T45.0X4	T45.0X5	T45.0X6
caudal	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6	Antiandrogen NEC	T38.6X1	T38.6X2	T38.6X3	T38.6X4	T38.6X5	T38.6X6
endotracheal	T41.0X1	T41.0X2	T41.0X3	T41.0X4	T41.0X5	T41.0X6	Anti-anemic (drug) (preparation)	T45.8X1	T45.8X2	T45.8X3	T45.8X4	T45.8X5	T45.8X6
epidural	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6	Antianxiety drug NEC	T43.501	T43.502	T43.503	T43.504	T43.505	T43.506
inhalation	T41.0X1	T41.0X2	T41.0X3	T41.0X4	T41.0X5	T41.0X6	Antiaris toxicaria	T65.891	T65.892	T65.893	T65.894	—	—
local	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6	Antiarteriosclerotic drug	T46.6X1	T46.6X2	T46.6X3	T46.6X4	T46.6X5	T46.6X6
mucosal	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6	Antiasthmatic drug NEC	T48.6X1	T48.6X2	T48.6X3	T48.6X4	T48.6X5	T48.6X6
muscle relaxation	T48.1X1	T48.1X2	T48.1X3	T48.1X4	T48.1X5	T48.1X6	Antibiotic Otic Suspension (Solution)*	T49.6X1	T49.6X2	T49.6X3	T49.6X4	T49.6X5	T49.6X6
nerve blocking	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
plexus blocking	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
potentiated	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
rectal	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
general	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
local	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
regional	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
surface	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
Anesthetic NEC — see also Anesthesia	T41.41	T41.42	T41.43	T41.44	T41.45	T41.46							
with muscle relaxant	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
general	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
local	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
gaseous NEC	T41.0X1	T41.0X2	T41.0X3	T41.0X4	T41.0X5	T41.0X6							
general NEC	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
halogenated hydrocarbon derivatives NEC	T41.0X1	T41.0X2	T41.0X3	T41.0X4	T41.0X5	T41.0X6							
infiltration NEC	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
intravenous NEC	T41.1X1	T41.1X2	T41.1X3	T41.1X4	T41.1X5	T41.1X6							
local NEC	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
rectal	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
general	T41.201	T41.202	T41.203	T41.204	T41.205	T41.206							
local	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
regional NEC	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
spinal NEC	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
thiobarbiturate	T41.1X1	T41.1X2	T41.1X3	T41.1X4	T41.1X5	T41.1X6							
topical	T41.3X1	T41.3X2	T41.3X3	T41.3X4	T41.3X5	T41.3X6							
Aneurine	T45.2X1	T45.2X2	T45.2X3	T45.2X4	T45.2X5	T45.2X6							
Angeliq*	T38.5X1	T38.5X2	T38.5X3	T38.5X4	T38.5X5	T38.5X6							
Angio-Conray	T50.8X1	T50.8X2	T50.8X3	T50.8X4	T50.8X5	T50.8X6							
Angiotensin	T44.5X1	T44.5X2	T44.5X3	T44.5X4	T44.5X5	T44.5X6							
Angiotensinamide	T44.991	T44.992	T44.993	T44.994	T44.995	T44.996							
Anhydrohydroxy-progesterone	T38.5X1	T38.5X2	T38.5X3	T38.5X4	T38.5X5	T38.5X6							
Anhydron	T50.2X1	T50.2X2	T50.2X3	T50.2X4	T50.2X5	T50.2X6							
Anileridine	T40.491	T40.492	T40.493	T40.494	T40.495	T40.496							
Aniline (dye) (liquid)	T65.3X1	T65.3X2	T65.3X3	T65.3X4	—	—							
analgesic derivatives, therapeutic NEC	T39.1X1	T39.1X2	T39.1X3	T39.1X4	T39.1X5	T39.1X6							
vapor	T65.3X1	T65.3X2	T65.3X3	T65.3X4	—	—							
Anisocorpine	T44.3X1	T44.3X2	T44.3X3	T44.3X4	T44.3X5	T44.3X6							
Anise oil	T47.5X1	T47.5X2	T47.5X3	T47.5X4	T47.5X5	T47.5X6							
Anisidine	T65.3X1	T65.3X2	T65.3X3	T65.3X4	—	—							
Anisindione	T45.511	T45.512	T45.513	T45.514	T45.515	T45.516							
Anisotropine methyl-bromide	T44.3X1	T44.3X2	T44.3X3	T44.3X4	T44.3X5	T44.3X6							
Anistreplase	T45.611	T45.612	T45.613	T45.614	T45.615	T45.616							
Anorexiant (central)	T50.5X1	T50.5X2	T50.5X3	T50.5X4	T50.5X5	T50.5X6							
Anorexic agents	T50.5X1	T50.5X2	T50.5X3	T50.5X4	T50.5X5	T50.5X6							
Ansaid*	T39.311	T39.312	T39.313	T39.314	T39.315	T39.316							
Ansamycin	T36.6X1	T36.6X2	T36.6X3	T36.6X4	T36.6X5	T36.6X6							
Ant (bite) (sting)	T63.421	T63.422	T63.423	T63.424	—	—							
Antabuse	T50.6X1	T50.6X2	T50.6X3	T50.6X4	T50.6X5	T50.6X6							
Antacid NEC	T47.1X1	T47.1X2	T47.1X3	T47.1X4	T47.1X5	T47.1X6							
Antagonist													
Aldosterone	T50.0X1	T50.0X2	T50.0X3	T50.0X4	T50.0X5	T50.0X6							
alpha-adrenoreceptor	T44.6X1	T44.6X2	T44.6X3	T44.6X4	T44.6X5	T44.6X6							
anticoagulant	T45.7X1	T45.7X2	T45.7X3	T45.7X4	T45.7X5	T45.7X6							
beta-adrenoreceptor	T44.7X1	T44.7X2	T44.7X3	T44.7X4	T44.7X5	T44.7X6							
extrapyramidal NEC	T44.3X1	T44.3X2	T44.3X3	T44.3X4	T44.3X5	T44.3X6							
folic acid	T45.1X1	T45.1X2	T45.1X3	T45.1X4	T45.1X5	T45.1X6							
H2 receptor	T47.0X1	T47.0X2	T47.0X3	T47.0X4	T47.0X5	T47.0X6							
heavy metal	T45.8X1	T45.8X2	T45.8X3	T45.8X4	T45.8X5	T45.8X6							
narcotic analgesic	T50.7X1	T50.7X2	T50.7X3	T50.7X4	T50.7X5	T50.7X6							
opiate	T50.7X1	T50.7X2	T50.7X3	T50.7X4	T50.7X5	T50.7X6							
pyrimidine	T45.1X1	T45.1X2	T45.1X3	T45.1X4	T45.1X5	T45.1X6							
serotonin	T46.5X1	T46.5X2	T46.5X3	T46.5X4	T46.5X5	T46.5X6							
Antazolin (e)	T45.0X1	T45.0X2	T45.0X3	T45.0X4	T45.0X5	T45.0X6							
Anterior pituitary hormone NEC	T38.811	T38.812	T38.813	T38.814	T38.815	T38.816							
Anthelmintic NEC	T37.4X1	T37.4X2	T37.4X3	T37.4X4	T37.4X5	T37.4X6							

C02.4 Malignant neoplasm of lingual tonsil <small>EXCLUDES 2 malignant neoplasm of tonsil NOS (C09.9)</small>	SL	C07 Malignant neoplasm of parotid gland Use additional code to identify: alcohol abuse and dependence (F10.-) exposure to environmental tobacco smoke (Z77.22) exposure to tobacco smoke in the perinatal period (P96.81) history of tobacco dependence (Z87.891) occupational exposure to environmental tobacco smoke (Z57.31) tobacco dependence (F17.-) tobacco use (Z72.0)
C02.8 Malignant neoplasm of overlapping sites of tongue Malignant neoplasm of two or more contiguous sites of tongue	SL	
C02.9 Malignant neoplasm of tongue, unspecified	SL	
✓4^a C03 Malignant neoplasm of gum <small>INCLUDES malignant neoplasm of alveolar (ridge) mucosa malignant neoplasm of gingiva</small> Use additional code to identify: alcohol abuse and dependence (F10.-) history of tobacco dependence (Z87.891) tobacco dependence (F17.-) tobacco use (Z72.0) <small>EXCLUDES 2 malignant odontogenic neoplasms (C41.0-C41.1)</small>		✓4^a C08 Malignant neoplasm of other and unspecified major salivary glands <small>INCLUDES malignant neoplasm of salivary ducts</small> Use additional code to identify: alcohol abuse and dependence (F10.-) exposure to environmental tobacco smoke (Z77.22) exposure to tobacco smoke in the perinatal period (P96.81) history of tobacco dependence (Z87.891) occupational exposure to environmental tobacco smoke (Z57.31) tobacco dependence (F17.-) tobacco use (Z72.0) <small>EXCLUDES 1 malignant neoplasms of specified minor salivary glands which are classified according to their anatomical location</small> <small>EXCLUDES 2 malignant neoplasms of minor salivary glands NOS (C06.9)</small> C08.0 Malignant neoplasm of submandibular gland Malignant neoplasm of submaxillary gland
C03.0 Malignant neoplasm of upper gum	SL	C08.1 Malignant neoplasm of sublingual gland
C03.1 Malignant neoplasm of lower gum	SL	C08.2 Malignant neoplasm of major salivary gland, unspecified Malignant neoplasm of salivary gland (major) NOS
C03.9 Malignant neoplasm of gum, unspecified	SL	
✓4^a C04 Malignant neoplasm of floor of mouth Use additional code to identify: alcohol abuse and dependence (F10.-) history of tobacco dependence (Z87.891) tobacco dependence (F17.-) tobacco use (Z72.0)		✓4^a C09 Malignant neoplasm of tonsil Use additional code to identify: alcohol abuse and dependence (F10.-) exposure to environmental tobacco smoke (Z77.22) exposure to tobacco smoke in the perinatal period (P96.81) history of tobacco dependence (Z87.891) occupational exposure to environmental tobacco smoke (Z57.31) tobacco dependence (F17.-) tobacco use (Z72.0) <small>EXCLUDES 2 malignant neoplasm of lingual tonsil (C02.4) malignant neoplasm of pharyngeal tonsil (C11.1)</small>
C04.0 Malignant neoplasm of anterior floor of mouth Malignant neoplasm of anterior to the premolar-canine junction	SL	C09.0 Malignant neoplasm of tonsillar fossa
C04.1 Malignant neoplasm of lateral floor of mouth	SL	C09.1 Malignant neoplasm of tonsillar pillar (anterior)
C04.8 Malignant neoplasm of overlapping sites of floor of mouth	SL	C09.8 Malignant neoplasm of overlapping sites of tonsil
C04.9 Malignant neoplasm of floor of mouth, unspecified	SL	C09.9 Malignant neoplasm of tonsil, unspecified Malignant neoplasm of faecal tonsils Malignant neoplasm of palatine tonsils Malignant neoplasm of tonsil NOS
✓4^b C05 Malignant neoplasm of palate Use additional code to identify: alcohol abuse and dependence (F10.-) history of tobacco dependence (Z87.891) tobacco dependence (F17.-) tobacco use (Z72.0) <small>EXCLUDES 1 Kaposi's sarcoma of palate (C46.2)</small>		✓4^a C10 Malignant neoplasm of opharynx Use additional code to identify: alcohol abuse and dependence (F10.-) exposure to environmental tobacco smoke (Z77.22) exposure to tobacco smoke in the perinatal period (P96.81) history of tobacco dependence (Z87.891) occupational exposure to environmental tobacco smoke (Z57.31) tobacco dependence (F17.-) tobacco use (Z72.0) <small>EXCLUDES 2 malignant neoplasm of tonsil (C09.-) DEF: Oropharynx: Middle portion of pharynx (throat); communicates with the oral cavity, nasopharynx and laryngopharynx.</small>
C05.0 Malignant neoplasm of hard palate	SL	C10.0 Malignant neoplasm of vallecula
C05.1 Malignant neoplasm of soft palate <small>EXCLUDES 2 malignant neoplasm of nasopharyngeal surface of soft palate (C11.3)</small>	SL	C10.1 Malignant neoplasm of anterior surface of epiglottis Malignant neoplasm of epiglottis, free border [margin] Malignant neoplasm of glossoepiglottic fold(s) <small>EXCLUDES 2 malignant neoplasm of epiglottis (suprathyroid portion) NOS (C32.1)</small>
C05.2 Malignant neoplasm of uvula	SL	C10.2 Malignant neoplasm of lateral wall of oropharynx
C05.8 Malignant neoplasm of overlapping sites of palate	SL	C10.3 Malignant neoplasm of posterior wall of oropharynx
C05.9 Malignant neoplasm of palate, unspecified Malignant neoplasm of roof of mouth	SL	C10.4 Malignant neoplasm of branchial cleft Malignant neoplasm of branchial cyst [site of neoplasm]
✓4^a C06 Malignant neoplasm of other and unspecified parts of mouth Use additional code to identify: alcohol abuse and dependence (F10.-) history of tobacco dependence (Z87.891) tobacco dependence (F17.-) tobacco use (Z72.0)		C10.8 Malignant neoplasm of overlapping sites of oropharynx Malignant neoplasm of junctional region of oropharynx
C06.0 Malignant neoplasm of cheek mucosa Malignant neoplasm of buccal mucosa NOS Malignant neoplasm of internal cheek	SL	C10.9 Malignant neoplasm of opharynx, unspecified
C06.1 Malignant neoplasm of vestibule of mouth Malignant neoplasm of buccal sulcus (upper) (lower) Malignant neoplasm of labial sulcus (upper) (lower)	SL	
C06.2 Malignant neoplasm of retromolar area	SL	
✓5^a C06.8 Malignant neoplasm of overlapping sites of other and unspecified parts of mouth C06.80 Malignant neoplasm of overlapping sites of unspecified parts of mouth		
C06.89 Malignant neoplasm of overlapping sites of other parts of mouth "book leaf" neoplasm [ventral surface of tongue and floor of mouth]	SL	
C06.9 Malignant neoplasm of mouth, unspecified Malignant neoplasm of minor salivary gland, unspecified site Malignant neoplasm of oral cavity NOS	SL	

G04 Encephalitis, myelitis and encephalomyelitis**INCLUDES** acute ascending myelitis

meningoencephalitis

meningomyelitis

EXCLUDES 1 *encephalopathy NOS (G93.40)***EXCLUDES 2** *acute transverse myelitis (G37.3)**alcoholic encephalopathy (G31.2)**multiple sclerosis (G35)**myalgic encephalomyelitis (G93.32)**subacute necrotizing myelitis (G37.4)**toxic encephalitis (G92.8)**toxic encephalopathy (G92.8)***DEF:** Encephalitis: Inflammation of the brain, often caused by viral or bacterial infection.**DEF:** Encephalomyelitis: Inflammatory disease, often viral in nature, that affects the brain and spinal cord.**DEF:** Myelitis: Inflammation of the spinal cord.**G04.0 Acute disseminated encephalitis and encephalomyelitis (ADEM)****EXCLUDES 1** *acute necrotizing hemorrhagic encephalopathy (G04.3)**other noninfectious acute disseminated**encephalomyelitis (noninfectious ADEM) (G04.81)***G04.00 Acute disseminated encephalitis and encephalomyelitis, unspecified****RIC Excl:** 03 Non-traumatic brain injury

ED CC

G04.01 Postinfectious acute disseminated encephalitis and encephalomyelitis (postinfectious ADEM)**EXCLUDES 1** *post chickenpox encephalitis (B01.1)**post measles encephalitis (B05.0)**post measles myelitis (B05.1)***RIC Excl:** 03 Non-traumatic brain injury

ED CC

G04.02 Postimmunization acute disseminated encephalitis, myelitis and encephalomyelitis

Encephalitis, post immunization

Encephalomyelitis, post immunization

Use additional code to identify the vaccine (T50.A-, T50.B-, T50.Z-)

ED

G04.1 Tropical spastic paraparesis**G04.2 Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified****RIC Excl:** 03 Non-traumatic brain injury, 05 Non-traumatic spinal cord injury

CC

G04.3 Acute necrotizing hemorrhagic encephalopathy**EXCLUDES 1** *acute disseminated encephalitis and encephalomyelitis (G04.0)***G04.30 Acute necrotizing hemorrhagic encephalopathy, unspecified****RIC Excl:** 03 Non-traumatic brain injury

ED CC

G04.31 Postinfectious acute necrotizing hemorrhagic encephalopathy**RIC Excl:** 03 Non-traumatic brain injury

ED CC

G04.32 Postimmunization acute necrotizing hemorrhagic encephalopathy

Use additional code to identify the vaccine (T50.A-, T50.B-, T50.Z-)

ED

G04.39 Other acute necrotizing hemorrhagic encephalopathy

Code also underlying etiology, if applicable

ED CC

RIC Excl: 03 Non-traumatic brain injury**G04.8 Other encephalitis, myelitis and encephalomyelitis**

Code also any associated seizure (G40.-, R56.9)

G04.81 Other encephalitis and encephalomyelitis

Noninfectious acute disseminated encephalomyelitis (noninfectious ADEM)

RIC Excl: 03 Non-traumatic brain injury

ED CC

G04.82 Acute flaccid myelitis**EXCLUDES 1** *transverse myelitis (G37.3)***AHA:** 2021,4Q,11

ED CC

RIC Excl: 03 Non-traumatic brain injury**G04.89 Other myelitis****AHA:** 2020,1Q,14

ED CC

RIC Excl: 03 Non-traumatic brain injury**G04.9 Encephalitis, myelitis and encephalomyelitis, unspecified****G04.90 Encephalitis and encephalomyelitis, unspecified**

Ventriculitis (cerebral) NOS

ED CC

RIC Excl: 03 Non-traumatic brain injury**G04.91 Myelitis, unspecified****RIC Excl:** 03 Non-traumatic brain injury

ED CC

G05 Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere

Code first underlying disease, such as:

congenital toxoplasmosis encephalitis, myelitis and encephalomyelitis (P37.1)

cytomegaloviral encephalitis, myelitis and encephalomyelitis (B25.8)

encephalitis, myelitis and encephalomyelitis (in) systemic lupus erythematosus (M32.19)

eosinophilic meningoencephalitis (B83.2)

human immunodeficiency virus [HIV] disease (B20)

poliovirus (A80.-)

suppurative otitis media (H66.01-H66.4)

systemic lupus erythematosus (M32.19)

trichinellosis (B75)

EXCLUDES 1 *adenoviral encephalitis, myelitis and encephalomyelitis (A85.1)**encephalitis, myelitis and encephalomyelitis (in) measles (B05.0)**enteroviral encephalitis, myelitis and encephalomyelitis (A85.0)**herpesviral [herpes simplex] encephalitis, myelitis and encephalomyelitis (B00.4)**listerial encephalitis, myelitis and encephalomyelitis (A32.12)**meningococcal encephalitis, myelitis and encephalomyelitis (A39.81)**mumps encephalitis, myelitis and encephalomyelitis (B26.2)**postchickenpox encephalitis, myelitis and encephalomyelitis (B01.1-)**rubella encephalitis, myelitis and encephalomyelitis (B06.01)**toxoplasmosis encephalitis, myelitis and encephalomyelitis (B58.2)**zoster encephalitis, myelitis and encephalomyelitis (B02.0)***G05.3 Encephalitis and encephalomyelitis in diseases classified elsewhere**

RP ED

Meningoencephalitis in diseases classified elsewhere

Code first underlying disease

G05.4 Myelitis in diseases classified elsewhere

RP ED CC

Meningomyelitis in diseases classified elsewhere

RIC Excl: 03 Non-traumatic brain injury**G06 Intracranial and intraspinal abscess and granuloma**

ED CC

Use additional code (B95-B97) to identify infectious agent

DEF: Abscess: Circumscribed collection of pus resulting from bacteria, frequently associated with swelling and other signs of inflammation.

DEF: Granuloma: Abnormal, dense collections of cells forming a mass or nodule of chronically inflamed tissue with granulations that is usually associated with an infective process.

G06.0 Intracranial abscess and granuloma

Brain [any part] abscess (embolic)

Cerebellar abscess (embolic)

Cerebral abscess (embolic)

Intracranial epidural abscess or granuloma

Intracranial extradural abscess or granuloma

Intracranial subdural abscess or granuloma

Otogenic abscess (embolic)

EXCLUDES 1 *tuberculous intracranial abscess and granuloma (A17.81)***RIC Excl:** 03 Non-traumatic brain injury**G06.1 Intraspinal abscess and granuloma**

ED CC

Abscess (embolic) of spinal cord [any part]

Intraspinal epidural abscess or granuloma

Intraspinal extradural abscess or granuloma

Intraspinal subdural abscess or granuloma

EXCLUDES 1 *tuberculous intraspinal abscess and granuloma (A17.81)***RIC Excl:** 03 Non-traumatic brain injury**G06.2 Extradural and subdural abscess, unspecified**

CC

RIC Excl: 03 Non-traumatic brain injury

Chapter 9. Diseases of the Circulatory System (I00–I99)

Chapter-specific Guidelines with Coding Examples

The chapter-specific guidelines from the ICD-10-CM Official Guidelines for Coding and Reporting have been provided below. Along with these guidelines are coding examples, contained in the shaded boxes, that have been developed to help illustrate the coding and/or sequencing guidance found in these guidelines.

a. Hypertension

The classification presumes a causal relationship between hypertension and heart involvement and between hypertension and kidney involvement, as the two conditions are linked by the term "with" in the Alphabetic Index. These conditions should be coded as related even in the absence of provider documentation explicitly linking them, unless the documentation clearly states the conditions are unrelated.

For hypertension and conditions not specifically linked by relational terms such as "with," "associated with" or "due to" in the classification, provider documentation must link the conditions in order to code them as related.

1) Hypertension with heart disease

Hypertension with heart conditions classified to I50.- or I51.4–I51.7, I51.89, I51.9, are assigned to a code from category I11, Hypertensive heart disease. Use additional code(s) from category I50, Heart failure, to identify the type(s) of heart failure in those patients with heart failure. The same heart conditions (I50.-, I51.4–I51.7, I51.89, I51.9) with hypertension are coded separately if the provider has documented they are unrelated to the hypertension. Sequence according to the circumstances of the admission/encounter.

Patient is admitted in left heart failure. Patient also has a history of hypertension managed by medication.

I11.0 Hypertensive heart disease with heart failure

I50.1 Left ventricular failure, unspecified

Explanation: Without a diagnostic statement to the contrary, hypertension and heart failure have an assumed causal relationship, and a combination code should be used. An additional code to identify the type of heart failure (I50.-) should also be provided.

2) Hypertensive chronic kidney disease

Assign codes from category I12, Hypertensive chronic kidney disease, when both hypertension and a condition classifiable to category N18, Chronic kidney disease (CKD), are present. CKD should not be coded as hypertensive if the provider indicates the CKD is not related to the hypertension.

The appropriate code from category N18 should be used as a secondary code with a code from category I12 to identify the stage of chronic kidney disease.

See Section I.C.14. Chronic kidney disease.

If a patient has hypertensive chronic kidney disease and acute renal failure, the acute renal failure should also be coded. Sequence according to the circumstances of the admission/encounter.

Patient is admitted with stage IV chronic kidney disease (CKD) due to polycystic kidney disease. Patient also is on lisinopril for hypertension.

N18.4 Chronic kidney disease, stage 4 (severe)

Q61.3 Polycystic kidney, unspecified

I10 Essential (primary) hypertension

Explanation: A combination code describing a relationship between hypertension and CKD is not used because the physician documentation identifies the polycystic kidney disease as the cause for the CKD.

3) Hypertensive heart and chronic kidney disease

Assign codes from combination category I13, Hypertensive heart and chronic kidney disease, when there is hypertension with both heart and kidney involvement. If heart failure is present, assign an additional code from category I50 to identify the type of heart failure.

The appropriate code from category N18, Chronic kidney disease, should be used as a secondary code with a code from category I13 to identify the stage of chronic kidney disease.

See Section I.C.14. Chronic kidney disease.

The codes in category I13, Hypertensive heart and chronic kidney disease, are combination codes that include hypertension, heart disease and chronic kidney disease. The includes note at I13 specifies that the

conditions included at I11 and I12 are included together in I13. If a patient has hypertension, heart disease and chronic kidney disease, then a code from I13 should be used, not individual codes for hypertension, heart disease and chronic kidney disease, or codes from I11 or I12.

For patients with both acute renal failure and chronic kidney disease, the acute renal failure should also be coded. Sequence according to the circumstances of the admission/encounter.

Hypertensive heart and kidney disease with congestive heart failure and stage 2 chronic kidney disease

I13.0 Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease

I50.9 Heart failure, unspecified

N18.2 Chronic kidney disease, stage 2 (mild)

Explanation: Combination codes in category I13 are used to report conditions classifiable to both categories I11 and I12. Do not report conditions classifiable to I11 and I12 separately. Use additional codes to report type of heart failure and stage of CKD.

4) Hypertensive cerebrovascular disease

For hypertensive cerebrovascular disease, first assign the appropriate code from categories I60–I69, followed by the appropriate hypertension code.

5) Hypertensive retinopathy

Subcategory H35.0, Background retinopathy and retinal vascular changes, should be used along with a code from categories I10–I15, in the Hypertensive diseases section, to include the systemic hypertension. The sequencing is based on the reason for the encounter.

Hypertensive retinopathy of the right eye

H35.031 Hypertensive retinopathy, right eye

I10 Essential (primary) hypertension

Explanation: Hypertensive retinopathy requires two codes: the appropriate subcategory H35.0 code and a code for the hypertension.

6) Hypertension, secondary

Secondary hypertension is due to an underlying condition. Two codes are required: one to identify the underlying etiology and one from category I15 to identify the hypertension. Sequencing of codes is determined by the reason for admission/encounter.

Renovascular hypertension due to renal artery atherosclerosis

I15.0 Renovascular hypertension

I70.1 Atherosclerosis of renal artery

Explanation: Secondary hypertension requires two codes: a code to identify the etiology and the appropriate I15 code.

7) Hypertension, transient

Assign code R03.0, Elevated blood pressure reading without diagnosis of hypertension, unless patient has an established diagnosis of hypertension. Assign code O13.-, Gestational [pregnancy-induced] hypertension without significant proteinuria, or O14.-, Pre-eclampsia, for transient hypertension of pregnancy.

8) Hypertension, controlled

This diagnostic statement usually refers to an existing state of hypertension under control by therapy. Assign the appropriate code from categories I10–I15, Hypertensive diseases.

9) Hypertension, uncontrolled

Uncontrolled hypertension may refer to untreated hypertension or hypertension not responding to current therapeutic regimen. In either case, assign the appropriate code from categories I10–I15, Hypertensive diseases.

10) Hypertensive crisis

Assign a code from category I16, Hypertensive crisis, for documented hypertensive urgency, hypertensive emergency or unspecified hypertensive crisis. Code also any identified hypertensive disease (I10–I15). The sequencing is based on the reason for the encounter.

	L97.908	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with other specified severity	RP ED
	L97.909	Non-pressure chronic ulcer of unspecified part of unspecified lower leg with unspecified severity	RP ED
✓6th	L97.91	Non-pressure chronic ulcer of unspecified part of right lower leg	
	L97.911	Non-pressure chronic ulcer of unspecified part of right lower leg limited to breakdown of skin	ED
	L97.912	Non-pressure chronic ulcer of unspecified part of right lower leg with fat layer exposed	ED
	L97.913	Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of muscle	ED
	L97.914	Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of bone	ED
	L97.915	Non-pressure chronic ulcer of unspecified part of right lower leg with muscle involvement without evidence of necrosis	ED
	L97.916	Non-pressure chronic ulcer of unspecified part of right lower leg with bone involvement without evidence of necrosis	ED
	L97.918	Non-pressure chronic ulcer of unspecified part of right lower leg with other specified severity	ED
	L97.919	Non-pressure chronic ulcer of unspecified part of right lower leg with unspecified severity	ED
✓6th	L97.92	Non-pressure chronic ulcer of unspecified part of left lower leg	
	L97.921	Non-pressure chronic ulcer of unspecified part of left lower leg limited to breakdown of skin	ED
	L97.922	Non-pressure chronic ulcer of unspecified part of left lower leg with fat layer exposed	ED
	L97.923	Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of muscle	ED
	L97.924	Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of bone	ED
	L97.925	Non-pressure chronic ulcer of unspecified part of left lower leg with muscle involvement without evidence of necrosis	ED
	L97.926	Non-pressure chronic ulcer of unspecified part of left lower leg with bone involvement without evidence of necrosis	ED
	L97.928	Non-pressure chronic ulcer of unspecified part of left lower leg with other specified severity	ED
	L97.929	Non-pressure chronic ulcer of unspecified part of left lower leg with unspecified severity	ED

✓4th L98 Other disorders of skin and subcutaneous tissue, not elsewhere classified

L98.0 Pyogenic granuloma

EXCLUDES 2 pyogenic granuloma of gingiva (K06.8)
pyogenic granuloma of maxillary alveolar ridge (K04.5)
pyogenic granuloma of oral mucosa (K13.4)

DEF: Solitary polypoid capillary hemangioma often associated with local irritation, trauma, and superimposed inflammation. Located on the skin and gingival or oral mucosa, they bleed easily and may ulcerate and form crusted sores.

L98.1 Factitial dermatitis

Neurotic excoriation

EXCLUDES 1 excoriation (skin-picking) disorder (F42.4)

AHA: 2016,4Q,15

DEF: Self-inflicted skin lesions to satisfy an unconscious psychological or emotional need. Methods used to injure the skin include deep excoriations with a sharp instrument, scarification with a knife, or the application of caustic chemicals and burning, sometimes with a cigarette.

L98.2 Febrile neutrophilic dermatosis [Sweet]

	L98.3	Eosinophilic cellulitis [Wells]	RP
✓6th	L98.4	Non-pressure chronic ulcer of skin, not elsewhere classified	
		Chronic ulcer of skin NOS	
		Tropical ulcer NOS	
		Ulcer of skin NOS	
		EXCLUDES 2 gangrene (I96) pressure ulcer (pressure area) (L89.-) skin infections (L00-L08) specific infections classified to A00-B99 ulcer of lower limb NEC (L97.-) varicose ulcer (I83.0-I83.93)	
		AHA: 2017,4Q,17	
		TIP: The depth and/or severity of a diagnosed nonpressure ulcer can be determined based on medical record documentation from clinicians who are not the patient's provider.	
✓6th	L98.41	Non-pressure chronic ulcer of buttock	
	L98.411	Non-pressure chronic ulcer of buttock limited to breakdown of skin	ED
	L98.412	Non-pressure chronic ulcer of buttock with fat layer exposed	ED
	L98.413	Non-pressure chronic ulcer of buttock with necrosis of muscle	ED
	L98.414	Non-pressure chronic ulcer of buttock with necrosis of bone	ED
	L98.415	Non-pressure chronic ulcer of buttock with muscle involvement without evidence of necrosis	ED
	L98.416	Non-pressure chronic ulcer of buttock with bone involvement without evidence of necrosis	ED
	L98.418	Non-pressure chronic ulcer of buttock with other specified severity	ED
	L98.419	Non-pressure chronic ulcer of buttock with unspecified severity	ED
✓6th	L98.42	Non-pressure chronic ulcer of back	
	L98.421	Non-pressure chronic ulcer of back limited to breakdown of skin	ED
	L98.422	Non-pressure chronic ulcer of back with fat layer exposed	ED
	L98.423	Non-pressure chronic ulcer of back with necrosis of muscle	ED
	L98.424	Non-pressure chronic ulcer of back with necrosis of bone	ED
	L98.425	Non-pressure chronic ulcer of back with muscle involvement without evidence of necrosis	ED
	L98.426	Non-pressure chronic ulcer of back with bone involvement without evidence of necrosis	ED
	L98.428	Non-pressure chronic ulcer of back with other specified severity	ED
	L98.429	Non-pressure chronic ulcer of back with unspecified severity	ED
✓6th	L98.49	Non-pressure chronic ulcer of skin of other sites	
		Non-pressure chronic ulcer of skin NOS	
	L98.491	Non-pressure chronic ulcer of skin of other sites limited to breakdown of skin	ED
	L98.492	Non-pressure chronic ulcer of skin of other sites with fat layer exposed	ED
	L98.493	Non-pressure chronic ulcer of skin of other sites with necrosis of muscle	ED
	L98.494	Non-pressure chronic ulcer of skin of other sites with necrosis of bone	ED
	L98.495	Non-pressure chronic ulcer of skin of other sites with muscle involvement without evidence of necrosis	ED
	L98.496	Non-pressure chronic ulcer of skin of other sites with bone involvement without evidence of necrosis	ED
	L98.498	Non-pressure chronic ulcer of skin of other sites with other specified severity	ED
	L98.499	Non-pressure chronic ulcer of skin of other sites with unspecified severity	ED

Q18.1 Preauricular sinus and cyst
Cervicoaural fistula
Fistula of auricle, congenital

Q18.2 Other branchial cleft malformations
Branchial cleft malformation NOS
Cervical auricle
Otocephaly

Q18.3 Webbing of neck
Pterygium colli
DEF: Congenital malformation characterized by a thick, triangular skinfold that stretches from the lateral side of the neck across the shoulder. It is associated with genetic conditions such as Turner's and Noonan's syndromes.

Q18.4 Macrostomia
DEF: Rare congenital craniofacial bilateral or unilateral anomaly of the mouth due to malformed maxillary and mandibular processes. It results in an abnormally large mouth extending toward the ear.

Q18.5 Microstomia

Q18.6 Macrocheilia
Hypertrophy of lip, congenital

Q18.7 Microcheilia

Q18.8 Other specified congenital malformations of face and neck
Medial cyst of face and neck
Medial fistula of face and neck
Medial sinus of face and neck

Q18.9 Congenital malformation of face and neck, unspecified
Congenital anomaly NOS of face and neck

Congenital malformations of the circulatory system (Q20–Q28)

Q20 Congenital malformations of cardiac chambers and connections

EXCLUDES 1 dextrocardia with situs inversus (Q89.3)
mirror-image atrial arrangement with situs inversus (Q89.3)

Q20.0 Common arterial trunk
Persistent truncus arteriosus
EXCLUDES 1 aortic septal defect (Q21.4)

Q20.1 Double outlet right ventricle
Taussig-Bing syndrome

Q20.2 Double outlet left ventricle

Q20.3 Discordant ventriculoarterial connection
Dextrotransposition of aorta
Transposition of great vessels (complete)

Q20.4 Double inlet ventricle
Common ventricle
Cor triiloculare biventriculatum
Single ventricle

Q20.5 Discordant atrioventricular connection
Corrected transposition
Levotransposition
Ventricular inversion

Q20.6 Isomerism of atrial appendages
Isomerism of atrial appendages with asplenia or polysplenia

Q20.8 Other congenital malformations of cardiac chambers and connections
Cor binocularis

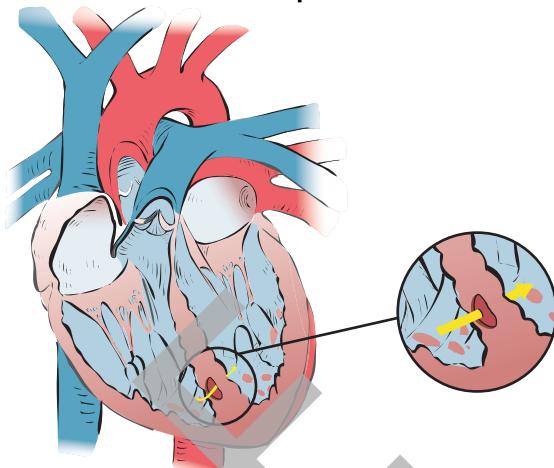
Q20.9 Congenital malformation of cardiac chambers and connections, unspecified

Q21 Congenital malformations of cardiac septa

EXCLUDES 1 acquired cardiac septal defect (I51.0)

Q21.0 Ventricular septal defect
Roger's disease

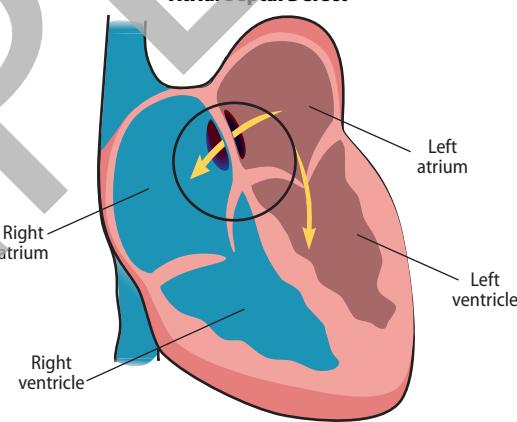
Ventricular Septal Defect



Q21.1 Atrial septal defect

EXCLUDES 2 ostium primum atrial septal defect (type I) (Q21.20)
AHA: 2022,4Q,39-40

Atrial Septal Defect



Q21.10 Atrial septal defect, unspecified

Q21.11 Secundum atrial septal defect

Fenestrated atrial septum
Patent or persistent ostium secundum defect (type II)

Q21.12 Patent foramen ovale

Persistent foramen ovale

Q21.13 Coronary sinus atrial septal defect

Coronary sinus defect

Unroofed coronary sinus

Q21.14 Superior sinus venosus atrial septal defect

Superior vena cava type atrial septal defect

Q21.15 Inferior sinus venosus atrial septal defect

Inferior vena cava type atrial septal defect

Q21.16 Sinus venosus atrial septal defect, unspecified

Sinus venosus defect, NOS

Q21.19 Other specified atrial septal defect

Common atrium

Other specified atrial septal abnormality

Appendix D: Skilled Nursing Facility Patient-Driven Payment Model

Skilled Nursing Facility Patient-Driven Payment Model

Payment Calculation Under PDPM

Payment under the Skilled Nursing Facility Patient-Driven Payment Model (PDPM) is based on the sum of six payment components. These include the following:

- Physical therapy
- Occupational therapy
- Speech-language pathology
- Nursing
- Nontherapy ancillary
- Noncase-mix

The first five components are case-mix adjusted to capture the varied needs and characteristics of a resident's care. The sixth component is a noncase-mix component that covers utilization of resources that do not fluctuate according to patient characteristics.

The payment for each component is calculated by multiplying the case-mix index (CMI) for the resident's group, first by the component federal base payment rate, then by the specific day in the variable per diem adjustment schedule, when applicable. Additionally, for residents with HIV/AIDS indicated on their claim, the nursing portion of payment is multiplied by 1.18. These payments are then added, along with the noncase-mix component payment rate, to create a resident's total SNF PPS per diem rate under the PDPM.

Functional and Cognitive Scoring Under PDPM

Functional status, the ability to conduct certain activities, and cognitive function, the presence or absence of any sort of impairment in cognition, are two important patient characteristics for assessing the care needs of a resident. In the PDPM, this information is calculated using data from section GG of the Minimum Data Set (MDS) 3.0 which offers standardized, comprehensive measures of functional status and therapy needs. Functional scores are calculated for the physical therapy, occupational therapy, and nursing components.

Cognitive scores are used in the calculation of the SLP component. The PDPM Cognitive Score is based on the Cognitive Function Scale (CFS), which combines scores from a Brief Interview for Mental Status (BIMS) score and Cognitive Performance Scale (CPS) score.

Physical Therapy and Occupational Therapy Components

Both the physical therapy (PT) and occupational therapy (OT) components use a resident's PDPM clinical category and the resident's functional status to assign a resident to a PT/OT case-mix group (CMG).

PDPM Clinical Categories

SNF residents are classified based on the primary diagnosis for the SNF stay, using item I0020 on the MDS 3.0. The clinical classification may then be adjusted when the resident received a surgical intervention during the preceding hospital stay associated with that diagnosis. The provider must indicate the type of surgical procedure performed by selecting, as necessary, a surgical procedure category within item J2100 on the MDS 3.0. If the resident did not receive a related surgical procedure during the prior hospital stay, the resident may be categorized into a nonsurgical clinical category. Based on the provisions outlined above, the resident is classified into one of the following 10 clinical categories:

Surgical category:

- Major Joint Replacement or Spinal Surgery
- Nonorthopaedic Surgery
- Orthopedic Surgery (Except Major Joint Replacement or Spinal Surgery)

Nonsurgical category:

- Acute Neurologic
- Nonsurgical Orthopedic/Musculoskeletal
- Medical Management
- Acute Infections
- Cancer
- Pulmonary
- Cardiovascular and Coagulations

Collapsed Clinical Categories for PT and OT

Once CMS identified the default clinical categories as those being generally predictive of resource utilization in a SNF, they then undertook the necessary work to identify those categories predictive of PT and OT costs specifically. CMS found that the 10 inpatient clinical categories could be collapsed into four clinical categories, which predict varying degrees of PT and OT costs (see table 1).

Table 1. Collapsed Clinical Categories for PT and OT Classification

PDPM Clinical Category	Collapsed PT and OT Clinical Category
Major Joint Replacement or Spinal Surgery	Major Joint Replacement or Spinal Surgery
Non-Orthopedic Surgery Acute Neurologic	Non-Orthopedic Surgery and Acute Neurologic
Non-Surgical Orthopedic/Musculoskeletal Orthopedic Surgery (Except Major Joint Replacement or Spinal Surgery)	Other Orthopedic
Medical Management Acute Infections Cancer Pulmonary Cardiovascular and Coagulations	Medical Management

Functional Score for PT and OT

Regression analyses demonstrated that the resident's functional status is also predictive of PT and OT costs in addition to the resident's initial clinical categorization. CMS constructed a new functional score for PT and OT payment based on the newer, IMPACT Act compliant items from section GG of the MDS 3.0 (see table 2).

Table 2. Section GG Items Included in PT and OT Functional Measure

Section GG Item Number	Section GG Item Description
GG0130A	Self-care: Eating
GG0130B	Self-care: Oral hygiene
GG0130C	Self-care: Toileting hygiene
GG0170B	Mobility: Sit to lying
GG0170C	Mobility: Lying to sitting on side of bed
GG0170D	Mobility: Sit to stand
GG0170E	Mobility: Chair/bed-to-chair transfer
GG0170F	Mobility: Toilet transfer
GG0170I	Mobility: Walk 10 feet
GG0170J	Mobility: Walk 50 feet with 2 turns
GG0170K	Mobility: Walk 150 feet

PT and OT Case-Mix Groups

Under the PDPM, all residents are classified into one and only one of the 16 PT and OT case-mix groups for each of the two components.

These groups classify residents based on the two resident characteristics shown to be most predictive of PT and OT utilization: Clinical category and function score. CMS believes that these PT and OT case-mix groups better reflect relative resource use of clinically relevant resident subpopulations and therefore provide for more appropriate payment under the SNF PPS.

PT and OT case-mix classification groups:

TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP

Speech-Language Pathology Component

The speech-language pathology (SLP) component uses the resident's PDPM clinical category, cognitive function, the presence of an SLP-related comorbidity, and the presence of a swallowing disorder or mechanically altered diet to assign a resident to an SLP CMG.

PDPM Clinical Categories

CMS found only one clinical category predictive of increased SLP costs; the above criteria can be captured only if a resident is classified to the Acute Neurologic clinical category.

Chapter 6. Diseases of the Nervous System (G00–G99)

