

Local Coverage Determination (LCD): Respiratory Care (Respiratory Therapy) (L34149)

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Contractor Information

Contractor Name	Contract Type	Contract Number	Jurisdiction	State(s)
Noridian Healthcare Solutions, LLC	A and B MAC	01111 - MAC A	J - E	California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01112 - MAC B	J - E	California - Northern
Noridian Healthcare Solutions, LLC	A and B MAC	01182 - MAC B	J - E	California - Southern American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01211 - MAC A	J - E	Guam Hawaii Northern Mariana Islands American Samoa
Noridian Healthcare Solutions, LLC	A and B MAC	01212 - MAC B	J - E	Guam Hawaii Northern Mariana Islands
Noridian Healthcare Solutions, LLC	A and B MAC	01311 - MAC A	J - E	Nevada
Noridian Healthcare Solutions, LLC	A and B MAC	01312 - MAC B	J - E	Nevada American Samoa California - Entire State
Noridian Healthcare Solutions, LLC	A and B MAC	01911 - MAC A	J - E	Guam Hawaii Nevada Northern Mariana Islands

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LCD Information

Document Information

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CMS National Coverage Policy

Language quoted from the Centers for Medicare & Medicaid Services (CMS) National Coverage Determinations (NCDs) and coverage provisions in interpretive manuals is italicized throughout the policy. NCDs and coverage provisions in interpretive manuals are not subject to the Local Coverage Determination (LCD) Review Process (42 CFR 405.860[b] and 42 CFR 426 [Subpart D]). In addition, an administrative law judge may not review an NCD. See §1869(f)(1)(A)(i) of the Social Security Act.

Unless otherwise specified, italicized text represents quotation from one or more of the following CMS sources:

Title XVIII of the Social Security Act, §1833(e) prohibits Medicare payment for any claim which lacks the necessary information to process the claim.

Title XVIII of the Social Security Act, §1861(cc)(1) discusses CORF facility services.

Title XVIII of the Social Security Act, §1861(s)(2)(B) provides coverage of services incident to physician's services furnished to hospital patients.

Title XVIII of the Social Security Act, §1862(a)(1)(A) allows coverage and payment for only those services that are considered to be reasonable and necessary for the diagnosis or treatment of illness or injury or to improve the functioning of a malformed body member.

42 CFR 485.70-CORF personnel qualifications- lists qualifications for respiratory therapists.

Federal Register: December 31, 2002 (Volume 67, Number 251) p 79999-80000 Final rule revisions to payment policies specific to G0237-G0239

CMS Manual System, Pub 100-02, *Medicare Benefit Policy Manual*, Chapter 6, §§20.4-20.4.1

CMS Manual System, Pub 100-02, *Medicare Benefit Policy Manual*, Chapter 8, §50.8.2

CMS Manual System, Pub 100-02, *Medicare Benefit Policy Manual*, Chapter 12, §§10, 20, 20.1, 20.2, 30, 30.1, and 40.5

CMS Manual System, Pub 100-03, *Medicare National Coverage Determinations Manual*, Chapter 1, Part 4, §240.7 and §240.8

Coverage Guidance

Coverage Indications, Limitations, and/or Medical Necessity

Respiratory care (respiratory therapy) is defined as those services prescribed by a physician or a non-physician practitioner for the assessment and diagnostic evaluation, treatment, management, and monitoring of patients with deficiencies and abnormalities of cardiopulmonary function.

Monitoring is defined as the periodic checking of the equipment in actual use to ascertain proper functioning; real time tracking the individual's condition to assure that he/she is receiving effective respiratory therapy services; and periodic evaluation of the patient's progress in improvement of function.

Respiratory care (respiratory therapy) services may include but are not limited to the following:

- application techniques to support oxygenation and ventilation in an acute illness (e.g., establish/maintain artificial airway, ventilatory therapy, precise delivery of oxygen concentrations, aid in removal of secretions from pulmonary tree)
- therapeutic use/monitoring of medicinal gases, pharmacologically active mists and aerosols, and equipment (e.g., resuscitators, ventilators)
- bronchial hygiene therapy (e.g., deep breathing, coughing exercises, IPPB, postural drainage, chest percussion/vibration, and nasotracheal/endotracheal suctioning)
- diagnostic tests ordered by and for the evaluation by a physician or NPP (e.g., pulmonary function test, spirometry, and blood gas analyses etc.)
- pulmonary rehabilitation techniques (e.g., exercise conditioning, breathing retraining, and patient education regarding management of patient's respiratory problems) and
- periodic assessment of the patient for the effectiveness of respiratory therapy services.

The above services may be performed by respiratory therapists, physical therapists, nurses, and other qualified personnel as described by relevant state practice acts. Documentation in the medical record must clearly support the need for respiratory therapy services to be separately reimbursed.

Respiratory care (respiratory therapy) services can be considered reasonable and necessary for the diagnosis and treatment of a specific illness or injury. The service provided must be consistent with the severity of the patient's documented illness and must be reasonable in terms of modality, amount, frequency, and duration of treatment. The treatment must be generally accepted by the professional community as safe and effective for the purpose used, and recognized standards of care should not be violated.

There must be a specific written order by the physician or appropriate NPP for all respiratory care (respiratory therapy) services.

Medicare coverage of respiratory care (respiratory therapy) provided as outpatient hospital or extended care services depends on the determination by the attending physician (as part of his/her plan of treatment) that for the safe and effective administration of such services the procedures or exercises in question need to be performed by a respiratory therapist, physical therapists, nurses, and other qualified personnel as described by relevant state practice acts as listed above. In addition, Medicare may cover postural drainage and pulmonary exercises furnished by a respiratory therapist as incident to a physician's professional service. In order to be considered for reimbursement by Medicare, respiratory therapy services must be fully documented in the medical records. The documentation must clearly indicate that the services rendered were reasonable and medically necessary.

Instructing a patient in the use of equipment, breathing exercises, etc. may be considered reasonable and necessary for the treatment of the patient's condition and can usually be given to a patient during the course of treatment by any of the health personnel involved, (e.g., physician, nurse, respiratory care practitioner or other qualified personnel). *These educational instructions are bundled into the covered service and separate payment is not made.* Separate billing for one-on-one education is rarely necessary and is usually only reasonable at the start of the treatment plan. Initially, for outpatient care where a series of visits provides "... an individualized physical conditioning and exercise program using proper breathing techniques..." separate billing for one-on-one intervention is both reasonable and necessary. Provision of more information than is ordinarily provided during the course of a treatment (e.g., extensive theoretical background in the pathology, etiology, and physiological effects of the disease) is not considered reasonable and necessary. Group sessions that only offer generalized

(i.e., non-individualized) education and training are not covered.

Therapeutic procedures (G0237 through G0239) with an individualized physical conditioning and exercise program using proper breathing techniques can be considered for a patient with activity limitations. Breathing retraining, energy conservation, and relaxation techniques are often used. Ventilatory muscle training (VMT) may be considered reasonable and necessary in a very select population of pulmonary patients who demonstrate significantly decreased respiratory muscle strength and who remain symptomatic despite optimal therapy. Routine exercise, or any exercise, without a documented need for skilled care, is not covered.

Summary of Evidence

NA

Analysis of Evidence (Rationale for Determination)

NA

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Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

- 012x Hospital Inpatient (Medicare Part B only)
- 013x Hospital Outpatient
- 018x Hospital - Swing Beds
- 021x Skilled Nursing - Inpatient (Including Medicare Part A)
- 022x Skilled Nursing - Inpatient (Medicare Part B only)
- 023x Skilled Nursing - Outpatient
- 071x Clinic - Rural Health
- 074x Clinic - Outpatient Rehabilitation Facility (ORF)
- 075x Clinic - Comprehensive Outpatient Rehabilitation Facility (CORF)
- 077x Clinic - Federally Qualified Health Center (FQHC)
- 085x Critical Access Hospital

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

- 0410 Respiratory Services - General Classification
- 0412 Respiratory Services - Inhalation Services
- 0413 Respiratory Services - Hyperbaric Oxygen Therapy

0419 Respiratory Services - Other Respiratory Services
0420 Physical Therapy - General Classification
0421 Physical Therapy - Visit
0422 Physical Therapy - Hourly
0423 Physical Therapy - Group
0424 Physical Therapy - Evaluation or Re-evaluation
0429 Physical Therapy - Other Physical Therapy
0430 Occupational Therapy - General Classification
0431 Occupational Therapy - Visit
0432 Occupational Therapy - Hourly
0433 Occupational Therapy - Group
0434 Occupational Therapy - Evaluation or Reevaluation
0439 Occupational Therapy - Other Occupational Therapy
0460 Pulmonary Function - General Classification

CPT/HCPCS Codes

Group 1 Paragraph: N/A

Group 1 Codes:

31502 Change of windpipe airway
31720 Clearance of airways
94002 Vent mgmt inpat init day
94003 Vent mgmt inpat subq day
94004 Vent mgmt nf per day
94010 Breathing capacity test
94011 Spirometry up to 2 yrs old
94012 Spirmtry w/brnchdil inf-2 yr
94013 Meas lung vol thru 2 yrs
94060 Evaluation of wheezing
94070 Evaluation of wheezing
94150 Vital capacity test
94200 Lung function test (mbc/mvv)
94250 Expired gas collection
94375 Respiratory flow volume loop
94400 Co2 breathing response curve
94450 Hypoxia response curve
94617 Exercise tst brncpsm
94618 Pulmonary stress testing
94621 Cardiopulm exercise testing
94640 Airway inhalation treatment
94642 Aerosol inhalation treatment
94660 Pos airway pressure cpap
94662 Neg press ventilation cnp
94664 Evaluate pt use of inhaler
94667 Chest wall manipulation
94668 Chest wall manipulation
94669 Mechanical chest wall oscill
94726 Pulm funct tst plethysmograp
94727 Pulm function test by gas
94728 Pulm funct test oscillometry
94729 Co/membrane diffuse capacity
94750 Pulmonary compliance study
94772 Breath recording infant
G0237 Therapeutic procd strg endur
G0238 Oth resp proc, indiv
G0239 Oth resp proc, group

ICD-10 Codes that Support Medical Necessity

Group 1 Paragraph: N/A

Group 1 Codes:

ICD-10 Codes	Description
A15.0	Tuberculosis of lung
A15.5	Tuberculosis of larynx, trachea and bronchus
A15.6	Tuberculous pleurisy
A15.7	Primary respiratory tuberculosis
A15.8	Other respiratory tuberculosis
A20.2	Pneumonic plague
A20.7	Septicemic plague
A22.1	Pulmonary anthrax
A31.0	Pulmonary mycobacterial infection
A36.2	Laryngeal diphtheria
A37.00	Whooping cough due to Bordetella pertussis without pneumonia
A37.01	Whooping cough due to Bordetella pertussis with pneumonia
A37.10	Whooping cough due to Bordetella parapertussis without pneumonia
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia
A37.80	Whooping cough due to other Bordetella species without pneumonia
A37.81	Whooping cough due to other Bordetella species with pneumonia
A42.0	Pulmonary actinomycosis
A43.0	Pulmonary nocardiosis
A52.72	Syphilis of lung and bronchus
A75.3	Typhus fever due to Rickettsia tsutsugamushi
A78	Q fever
B01.2	Varicella pneumonia
B05.2	Measles complicated by pneumonia
B20	Human immunodeficiency virus [HIV] disease
B25.0	Cytomegaloviral pneumonitis
B37.1	Pulmonary candidiasis
B38.0	Acute pulmonary coccidioidomycosis
B38.1	Chronic pulmonary coccidioidomycosis
B39.0	Acute pulmonary histoplasmosis capsulati
B39.1	Chronic pulmonary histoplasmosis capsulati
B44.0	Invasive pulmonary aspergillosis
B44.1	Other pulmonary aspergillosis
B44.2	Tonsillar aspergillosis
B44.7	Disseminated aspergillosis
B44.81	Allergic bronchopulmonary aspergillosis
B44.89	Other forms of aspergillosis
B45.0	Pulmonary cryptococcosis
B45.7	Disseminated cryptococcosis
B45.8	Other forms of cryptococcosis
B48.4	Penicillosis
B58.3	Pulmonary toxoplasmosis
B59	Pneumocystosis
B77.81	Ascariasis pneumonia
C33	Malignant neoplasm of trachea
C34.01	Malignant neoplasm of right main bronchus
C34.02	Malignant neoplasm of left main bronchus
C34.11	Malignant neoplasm of upper lobe, right bronchus or lung
C34.12	Malignant neoplasm of upper lobe, left bronchus or lung
C34.2	Malignant neoplasm of middle lobe, bronchus or lung
C34.31	Malignant neoplasm of lower lobe, right bronchus or lung
C34.32	Malignant neoplasm of lower lobe, left bronchus or lung
C34.81	Malignant neoplasm of overlapping sites of right bronchus and lung
C34.82	Malignant neoplasm of overlapping sites of left bronchus and lung
C38.4	Malignant neoplasm of pleura
C45.0	Mesothelioma of pleura
C45.7	Mesothelioma of other sites
C46.51	Kaposi's sarcoma of right lung

ICD-10 Codes	Description
C46.52	Kaposi's sarcoma of left lung
C78.01	Secondary malignant neoplasm of right lung
C78.02	Secondary malignant neoplasm of left lung
C78.1	Secondary malignant neoplasm of mediastinum
C78.2	Secondary malignant neoplasm of pleura
C78.39	Secondary malignant neoplasm of other respiratory organs
D14.1	Benign neoplasm of larynx
D14.2	Benign neoplasm of trachea
D14.31	Benign neoplasm of right bronchus and lung
D14.32	Benign neoplasm of left bronchus and lung
D15.2	Benign neoplasm of mediastinum
D19.0	Benign neoplasm of mesothelial tissue of pleura
D38.1	Neoplasm of uncertain behavior of trachea, bronchus and lung
D38.2	Neoplasm of uncertain behavior of pleura
D38.3	Neoplasm of uncertain behavior of mediastinum
D38.4	Neoplasm of uncertain behavior of thymus
D57.01	Hb-SS disease with acute chest syndrome
D57.211	Sickle-cell/Hb-C disease with acute chest syndrome
D57.411	Sickle-cell thalassemia with acute chest syndrome
D57.811	Other sickle-cell disorders with acute chest syndrome
D81.810	Biotinidase deficiency
D84.1	Defects in the complement system
D86.0	Sarcoidosis of lung
D86.1	Sarcoidosis of lymph nodes
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes
D86.87	Sarcoid myositis
D86.89	Sarcoidosis of other sites
E66.2	Morbid (severe) obesity with alveolar hypoventilation
E84.0	Cystic fibrosis with pulmonary manifestations
E84.11	Meconium ileus in cystic fibrosis
E84.19	Cystic fibrosis with other intestinal manifestations
E84.8	Cystic fibrosis with other manifestations
E85.0	Non-neuropathic hereditary amyloidosis
E85.1	Neuropathic hereditary amyloidosis
E85.3	Secondary systemic amyloidosis
E85.4	Organ-limited amyloidosis
E85.81	Light chain (AL) amyloidosis
E85.82	Wild-type transthyretin-related (ATTR) amyloidosis
E85.89	Other amyloidosis
E87.2	Acidosis
E87.3	Alkalosis
E88.01	Alpha-1-antitrypsin deficiency
E88.3	Tumor lysis syndrome
G12.21	Amyotrophic lateral sclerosis
G70.81	Lambert-Eaton syndrome in disease classified elsewhere
G72.41	Inclusion body myositis [IBM]
G72.49	Other inflammatory and immune myopathies, not elsewhere classified
G73.1	Lambert-Eaton syndrome in neoplastic disease
I26.01	Septic pulmonary embolism with acute cor pulmonale
I26.02	Saddle embolus of pulmonary artery with acute cor pulmonale
I26.09	Other pulmonary embolism with acute cor pulmonale
I26.90	Septic pulmonary embolism without acute cor pulmonale
I26.92	Saddle embolus of pulmonary artery without acute cor pulmonale
I26.99	Other pulmonary embolism without acute cor pulmonale
I27.0	Primary pulmonary hypertension
I27.1	Kyphoscoliotic heart disease
I27.20	Pulmonary hypertension, unspecified
I27.21	Secondary pulmonary arterial hypertension

ICD-10 Codes	Description
I27.22	Pulmonary hypertension due to left heart disease
I27.23	Pulmonary hypertension due to lung diseases and hypoxia
I27.24	Chronic thromboembolic pulmonary hypertension
I27.29	Other secondary pulmonary hypertension
I27.82	Chronic pulmonary embolism
I27.83	Eisenmenger's syndrome
I27.89	Other specified pulmonary heart diseases
I28.0	Arteriovenous fistula of pulmonary vessels
I28.8	Other diseases of pulmonary vessels
I37.0	Nonrheumatic pulmonary valve stenosis
I37.1	Nonrheumatic pulmonary valve insufficiency
I37.2	Nonrheumatic pulmonary valve stenosis with insufficiency
I37.8	Other nonrheumatic pulmonary valve disorders
I46.2	Cardiac arrest due to underlying cardiac condition
I46.8	Cardiac arrest due to other underlying condition
I50.1	Left ventricular failure, unspecified
I50.21	Acute systolic (congestive) heart failure
I50.22	Chronic systolic (congestive) heart failure
I50.23	Acute on chronic systolic (congestive) heart failure
I50.31	Acute diastolic (congestive) heart failure
I50.32	Chronic diastolic (congestive) heart failure
I50.33	Acute on chronic diastolic (congestive) heart failure
I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure
I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
J04.10	Acute tracheitis without obstruction
J04.11	Acute tracheitis with obstruction
J04.2	Acute laryngotracheitis
J05.0	Acute obstructive laryngitis [croup]
J05.10	Acute epiglottitis without obstruction
J05.11	Acute epiglottitis with obstruction
J06.0	Acute laryngopharyngitis
J09.X1	Influenza due to identified novel influenza A virus with pneumonia
J09.X2	Influenza due to identified novel influenza A virus with other respiratory manifestations
J09.X3	Influenza due to identified novel influenza A virus with gastrointestinal manifestations
J09.X9	Influenza due to identified novel influenza A virus with other manifestations
J10.01	Influenza due to other identified influenza virus with the same other identified influenza virus pneumonia
J10.08	Influenza due to other identified influenza virus with other specified pneumonia
J10.1	Influenza due to other identified influenza virus with other respiratory manifestations
J11.08	Influenza due to unidentified influenza virus with specified pneumonia
J11.1	Influenza due to unidentified influenza virus with other respiratory manifestations
J12.0	Adenoviral pneumonia
J12.1	Respiratory syncytial virus pneumonia
J13	Pneumonia due to Streptococcus pneumoniae
J15.211	Pneumonia due to Methicillin susceptible Staphylococcus aureus
J15.212	Pneumonia due to Methicillin resistant Staphylococcus aureus
J15.29	Pneumonia due to other staphylococcus
J15.3	Pneumonia due to streptococcus, group B
J15.4	Pneumonia due to other streptococci
J15.7	Pneumonia due to Mycoplasma pneumoniae
J16.0	Chlamydial pneumonia
J17	Pneumonia in diseases classified elsewhere
J20.0	Acute bronchitis due to Mycoplasma pneumoniae
J20.1	Acute bronchitis due to Hemophilus influenzae
J20.2	Acute bronchitis due to streptococcus
J20.3	Acute bronchitis due to coxsackievirus
J20.4	Acute bronchitis due to parainfluenza virus

ICD-10 Codes	Description
J20.5	Acute bronchitis due to respiratory syncytial virus
J20.6	Acute bronchitis due to rhinovirus
J20.7	Acute bronchitis due to echovirus
J20.8	Acute bronchitis due to other specified organisms
J21.0	Acute bronchiolitis due to respiratory syncytial virus
J21.1	Acute bronchiolitis due to human metapneumovirus
J21.8	Acute bronchiolitis due to other specified organisms
J37.1	Chronic laryngotracheitis
J38.01	Paralysis of vocal cords and larynx, unilateral
J38.02	Paralysis of vocal cords and larynx, bilateral
J38.4	Edema of larynx
J38.5	Laryngeal spasm
J38.6	Stenosis of larynx
J38.7	Other diseases of larynx
J39.8	Other specified diseases of upper respiratory tract
J40	Bronchitis, not specified as acute or chronic
J41.0	Simple chronic bronchitis
J41.1	Mucopurulent chronic bronchitis
J41.8	Mixed simple and mucopurulent chronic bronchitis
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]
J43.1	Panlobular emphysema
J43.2	Centrilobular emphysema
J43.8	Other emphysema
J44.0	Chronic obstructive pulmonary disease with acute lower respiratory infection
J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation
J44.9	Chronic obstructive pulmonary disease, unspecified
J45.20	Mild intermittent asthma, uncomplicated
J45.21	Mild intermittent asthma with (acute) exacerbation
J45.22	Mild intermittent asthma with status asthmaticus
J45.30	Mild persistent asthma, uncomplicated
J45.31	Mild persistent asthma with (acute) exacerbation
J45.32	Mild persistent asthma with status asthmaticus
J45.40	Moderate persistent asthma, uncomplicated
J45.41	Moderate persistent asthma with (acute) exacerbation
J45.42	Moderate persistent asthma with status asthmaticus
J45.50	Severe persistent asthma, uncomplicated
J45.51	Severe persistent asthma with (acute) exacerbation
J45.52	Severe persistent asthma with status asthmaticus
J45.990	Exercise induced bronchospasm
J45.991	Cough variant asthma
J45.998	Other asthma
J47.0	Bronchiectasis with acute lower respiratory infection
J47.1	Bronchiectasis with (acute) exacerbation
J47.9	Bronchiectasis, uncomplicated
J60	Coalworker's pneumoconiosis
J61	Pneumoconiosis due to asbestos and other mineral fibers
J62.0	Pneumoconiosis due to talc dust
J62.8	Pneumoconiosis due to other dust containing silica
J63.0	Aluminosis (of lung)
J63.1	Bauxite fibrosis (of lung)
J63.2	Berylliosis
J63.3	Graphite fibrosis (of lung)
J63.4	Siderosis
J63.5	Stannosis
J63.6	Pneumoconiosis due to other specified inorganic dusts
J65	Pneumoconiosis associated with tuberculosis
J66.0	Byssinosis

ICD-10 Codes	Description
J66.1	Flax-dressers' disease
J66.2	Cannabinosis
J66.8	Airway disease due to other specific organic dusts
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapors
J68.1	Pulmonary edema due to chemicals, gases, fumes and vapors
J68.2	Upper respiratory inflammation due to chemicals, gases, fumes and vapors, not elsewhere classified
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes and vapors
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes and vapors
J69.0	Pneumonitis due to inhalation of food and vomit
J69.1	Pneumonitis due to inhalation of oils and essences
J69.8	Pneumonitis due to inhalation of other solids and liquids
J70.0	Acute pulmonary manifestations due to radiation
J70.1	Chronic and other pulmonary manifestations due to radiation
J70.2	Acute drug-induced interstitial lung disorders
J70.3	Chronic drug-induced interstitial lung disorders
J70.5	Respiratory conditions due to smoke inhalation
J70.8	Respiratory conditions due to other specified external agents
J80	Acute respiratory distress syndrome
J81.0	Acute pulmonary edema
J81.1	Chronic pulmonary edema
J82	Pulmonary eosinophilia, not elsewhere classified
J84.01	Alveolar proteinosis
J84.02	Pulmonary alveolar microlithiasis
J84.03	Idiopathic pulmonary hemosiderosis
J84.09	Other alveolar and parieto-alveolar conditions
J84.111	Idiopathic interstitial pneumonia, not otherwise specified
J84.112	Idiopathic pulmonary fibrosis
J84.113	Idiopathic non-specific interstitial pneumonitis
J84.114	Acute interstitial pneumonitis
J84.115	Respiratory bronchiolitis interstitial lung disease
J84.116	Cryptogenic organizing pneumonia
J84.117	Desquamative interstitial pneumonia
J84.17	Other interstitial pulmonary diseases with fibrosis in diseases classified elsewhere
J84.2	Lymphoid interstitial pneumonia
J84.81	Lymphangioleiomyomatosis
J84.82	Adult pulmonary Langerhans cell histiocytosis
J84.83	Surfactant mutations of the lung
J84.841	Neuroendocrine cell hyperplasia of infancy
J84.842	Pulmonary interstitial glycogenosis
J84.843	Alveolar capillary dysplasia with vein misalignment
J84.848	Other interstitial lung diseases of childhood
J84.89	Other specified interstitial pulmonary diseases
J85.0	Gangrene and necrosis of lung
J85.1	Abscess of lung with pneumonia
J85.2	Abscess of lung without pneumonia
J85.3	Abscess of mediastinum
J86.0	Pyothorax with fistula
J86.9	Pyothorax without fistula
J90	Pleural effusion, not elsewhere classified
J91.0	Malignant pleural effusion
J92.0	Pleural plaque with presence of asbestos
J92.9	Pleural plaque without asbestos
J93.0	Spontaneous tension pneumothorax
J93.11	Primary spontaneous pneumothorax
J93.12	Secondary spontaneous pneumothorax
J93.81	Chronic pneumothorax
J93.82	Other air leak

ICD-10 Codes	Description
J93.83	Other pneumothorax
J94.0	Chylous effusion
J94.1	Fibrothorax
J94.2	Hemothorax
J94.8	Other specified pleural conditions
J95.01	Hemorrhage from tracheostomy stoma
J95.02	Infection of tracheostomy stoma
J95.03	Malfunction of tracheostomy stoma
J95.04	Tracheo-esophageal fistula following tracheostomy
J95.09	Other tracheostomy complication
J95.1	Acute pulmonary insufficiency following thoracic surgery
J95.2	Acute pulmonary insufficiency following nonthoracic surgery
J95.3	Chronic pulmonary insufficiency following surgery
J95.811	Postprocedural pneumothorax
J95.812	Postprocedural air leak
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J95.84	Transfusion-related acute lung injury (TRALI)
J95.850	Mechanical complication of respirator
J95.860	Postprocedural hematoma of a respiratory system organ or structure following a respiratory system procedure
J95.861	Postprocedural hematoma of a respiratory system organ or structure following other procedure
J95.862	Postprocedural seroma of a respiratory system organ or structure following a respiratory system procedure
J95.863	Postprocedural seroma of a respiratory system organ or structure following other procedure
J95.89	Other postprocedural complications and disorders of respiratory system, not elsewhere classified
J96.01	Acute respiratory failure with hypoxia
J96.02	Acute respiratory failure with hypercapnia
J96.11	Chronic respiratory failure with hypoxia
J96.12	Chronic respiratory failure with hypercapnia
J96.21	Acute and chronic respiratory failure with hypoxia
J96.22	Acute and chronic respiratory failure with hypercapnia
J98.01	Acute bronchospasm
J98.09	Other diseases of bronchus, not elsewhere classified
J98.11	Atelectasis
J98.19	Other pulmonary collapse
J98.2	Interstitial emphysema
J98.3	Compensatory emphysema
J98.4	Other disorders of lung
J98.51	Mediastinitis
J98.59	Other diseases of mediastinum, not elsewhere classified
J98.6	Disorders of diaphragm
J98.8	Other specified respiratory disorders
J99	Respiratory disorders in diseases classified elsewhere
K76.81	Hepatopulmonary syndrome
M32.13	Lung involvement in systemic lupus erythematosus
M33.01	Juvenile dermatomyositis with respiratory involvement
M33.11	Other dermatomyositis with respiratory involvement
M33.21	Polymyositis with respiratory involvement
M34.81	Systemic sclerosis with lung involvement
M35.02	Sicca syndrome with lung involvement
O08.2	Embolism following ectopic and molar pregnancy
O74.0	Aspiration pneumonitis due to anesthesia during labor and delivery
O74.1	Other pulmonary complications of anesthesia during labor and delivery
O89.01	Aspiration pneumonitis due to anesthesia during the puerperium
O89.09	Other pulmonary complications of anesthesia during the puerperium
P24.00	Meconium aspiration without respiratory symptoms
P24.01	Meconium aspiration with respiratory symptoms

ICD-10 Codes	Description
P24.10	Neonatal aspiration of (clear) amniotic fluid and mucus without respiratory symptoms
P24.11	Neonatal aspiration of (clear) amniotic fluid and mucus with respiratory symptoms
P24.20	Neonatal aspiration of blood without respiratory symptoms
P24.21	Neonatal aspiration of blood with respiratory symptoms
P24.80	Other neonatal aspiration without respiratory symptoms
P24.81	Other neonatal aspiration with respiratory symptoms
P28.81	Respiratory arrest of newborn
P36.0	Sepsis of newborn due to streptococcus, group B
P36.19	Sepsis of newborn due to other streptococci
P36.2	Sepsis of newborn due to Staphylococcus aureus
P36.39	Sepsis of newborn due to other staphylococci
P36.4	Sepsis of newborn due to Escherichia coli
P36.5	Sepsis of newborn due to anaerobes
P36.8	Other bacterial sepsis of newborn
P39.2	Intra-amniotic infection affecting newborn, not elsewhere classified
P39.8	Other specified infections specific to the perinatal period
R04.2	Hemoptysis
R04.81	Acute idiopathic pulmonary hemorrhage in infants
R04.89	Hemorrhage from other sites in respiratory passages
R05	Cough
R06.01	Orthopnea
R06.02	Shortness of breath
R06.03	Acute respiratory distress
R06.09	Other forms of dyspnea
R06.1	Stridor
R06.2	Wheezing
R06.3	Periodic breathing
R06.4	Hyperventilation
R06.81	Apnea, not elsewhere classified
R06.82	Tachypnea, not elsewhere classified
R07.1	Chest pain on breathing
R07.81	Pleurodynia
R09.01	Asphyxia
R09.02	Hypoxemia
R09.1	Pleurisy
R09.2	Respiratory arrest
R09.89	Other specified symptoms and signs involving the circulatory and respiratory systems
R68.13	Apparent life threatening event in infant (ALTE)
R78.81	Bacteremia
R79.81	Abnormal blood-gas level
R91.1	Solitary pulmonary nodule
R91.8	Other nonspecific abnormal finding of lung field
R94.2	Abnormal results of pulmonary function studies
S21.311A	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.311D	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.311S	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.312A	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.312D	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.312S	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.321A	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.321D	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter

ICD-10 Codes	Description
	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.321S	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.322A	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.322D	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.322S	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.331A	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.331D	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.331S	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.332A	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.332D	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.332S	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.341A	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.341D	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.341S	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, sequela
S21.342A	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.342D	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.342S	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, sequela
S21.351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21.351D	Open bite of right front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.351S	Open bite of right front wall of thorax with penetration into thoracic cavity, sequela
S21.352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21.352D	Open bite of left front wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.352S	Open bite of left front wall of thorax with penetration into thoracic cavity, sequela
S21.411A	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.411D	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.412A	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.412D	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.412S	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.421A	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.421D	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.421S	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.422A	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.422D	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.422S	

ICD-10 Codes	Description
	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.431A	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.431D	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.431S	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.432A	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.432D	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.432S	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.441A	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.441D	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.441S	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, sequela
S21.442A	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.442D	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.442S	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, sequela
S21.451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21.451D	Open bite of right back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.451S	Open bite of right back wall of thorax with penetration into thoracic cavity, sequela
S21.452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21.452D	Open bite of left back wall of thorax with penetration into thoracic cavity, subsequent encounter
S21.452S	Open bite of left back wall of thorax with penetration into thoracic cavity, sequela
S26.01XA	Contusion of heart with hemopericardium, initial encounter
S26.01XD	Contusion of heart with hemopericardium, subsequent encounter
S26.01XS	Contusion of heart with hemopericardium, sequela
S26.020A	Mild laceration of heart with hemopericardium, initial encounter
S26.020D	Mild laceration of heart with hemopericardium, subsequent encounter
S26.020S	Mild laceration of heart with hemopericardium, sequela
S26.021A	Moderate laceration of heart with hemopericardium, initial encounter
S26.021D	Moderate laceration of heart with hemopericardium, subsequent encounter
S26.021S	Moderate laceration of heart with hemopericardium, sequela
S26.022A	Major laceration of heart with hemopericardium, initial encounter
S26.022D	Major laceration of heart with hemopericardium, subsequent encounter
S26.022S	Major laceration of heart with hemopericardium, sequela
S26.09XA	Other injury of heart with hemopericardium, initial encounter
S26.09XD	Other injury of heart with hemopericardium, subsequent encounter
S26.09XS	Other injury of heart with hemopericardium, sequela
S26.11XA	Contusion of heart without hemopericardium, initial encounter
S26.11XD	Contusion of heart without hemopericardium, subsequent encounter
S26.11XS	Contusion of heart without hemopericardium, sequela
S26.12XA	Laceration of heart without hemopericardium, initial encounter
S26.12XD	Laceration of heart without hemopericardium, subsequent encounter
S26.12XS	Laceration of heart without hemopericardium, sequela
S26.19XA	Other injury of heart without hemopericardium, initial encounter
S26.19XD	Other injury of heart without hemopericardium, subsequent encounter
S26.19XS	Other injury of heart without hemopericardium, sequela
S27.0XXA	Traumatic pneumothorax, initial encounter
S27.0XXD	Traumatic pneumothorax, subsequent encounter
S27.0XXS	Traumatic pneumothorax, sequela

ICD-10 Codes	Description
S27.1XXA	Traumatic hemothorax, initial encounter
S27.1XXD	Traumatic hemothorax, subsequent encounter
S27.1XXS	Traumatic hemothorax, sequela
S27.2XXA	Traumatic hemopneumothorax, initial encounter
S27.2XXD	Traumatic hemopneumothorax, subsequent encounter
S27.2XXS	Traumatic hemopneumothorax, sequela
S27.311A	Primary blast injury of lung, unilateral, initial encounter
S27.311D	Primary blast injury of lung, unilateral, subsequent encounter
S27.311S	Primary blast injury of lung, unilateral, sequela
S27.312A	Primary blast injury of lung, bilateral, initial encounter
S27.312D	Primary blast injury of lung, bilateral, subsequent encounter
S27.312S	Primary blast injury of lung, bilateral, sequela
S27.321A	Contusion of lung, unilateral, initial encounter
S27.321D	Contusion of lung, unilateral, subsequent encounter
S27.321S	Contusion of lung, unilateral, sequela
S27.322A	Contusion of lung, bilateral, initial encounter
S27.322D	Contusion of lung, bilateral, subsequent encounter
S27.322S	Contusion of lung, bilateral, sequela
S27.331A	Laceration of lung, unilateral, initial encounter
S27.331D	Laceration of lung, unilateral, subsequent encounter
S27.331S	Laceration of lung, unilateral, sequela
S27.332A	Laceration of lung, bilateral, initial encounter
S27.332D	Laceration of lung, bilateral, subsequent encounter
S27.332S	Laceration of lung, bilateral, sequela
S27.391A	Other injuries of lung, unilateral, initial encounter
S27.391D	Other injuries of lung, unilateral, subsequent encounter
S27.391S	Other injuries of lung, unilateral, sequela
S27.392A	Other injuries of lung, bilateral, initial encounter
S27.392D	Other injuries of lung, bilateral, subsequent encounter
S27.392S	Other injuries of lung, bilateral, sequela
S27.411A	Primary blast injury of bronchus, unilateral, initial encounter
S27.411D	Primary blast injury of bronchus, unilateral, subsequent encounter
S27.411S	Primary blast injury of bronchus, unilateral, sequela
S27.412A	Primary blast injury of bronchus, bilateral, initial encounter
S27.412D	Primary blast injury of bronchus, bilateral, subsequent encounter
S27.412S	Primary blast injury of bronchus, bilateral, sequela
S27.421A	Contusion of bronchus, unilateral, initial encounter
S27.421D	Contusion of bronchus, unilateral, subsequent encounter
S27.421S	Contusion of bronchus, unilateral, sequela
S27.422A	Contusion of bronchus, bilateral, initial encounter
S27.422D	Contusion of bronchus, bilateral, subsequent encounter
S27.422S	Contusion of bronchus, bilateral, sequela
S27.431A	Laceration of bronchus, unilateral, initial encounter
S27.431D	Laceration of bronchus, unilateral, subsequent encounter
S27.431S	Laceration of bronchus, unilateral, sequela
S27.432A	Laceration of bronchus, bilateral, initial encounter
S27.432D	Laceration of bronchus, bilateral, subsequent encounter
S27.432S	Laceration of bronchus, bilateral, sequela
S27.491A	Other injury of bronchus, unilateral, initial encounter
S27.491D	Other injury of bronchus, unilateral, subsequent encounter
S27.491S	Other injury of bronchus, unilateral, sequela
S27.492A	Other injury of bronchus, bilateral, initial encounter
S27.492D	Other injury of bronchus, bilateral, subsequent encounter
S27.492S	Other injury of bronchus, bilateral, sequela
S27.51XA	Primary blast injury of thoracic trachea, initial encounter
S27.51XD	Primary blast injury of thoracic trachea, subsequent encounter
S27.51XS	Primary blast injury of thoracic trachea, sequela
S27.52XA	Contusion of thoracic trachea, initial encounter

ICD-10 Codes	Description
S27.52XD	Contusion of thoracic trachea, subsequent encounter
S27.52XS	Contusion of thoracic trachea, sequela
S27.53XA	Laceration of thoracic trachea, initial encounter
S27.53XD	Laceration of thoracic trachea, subsequent encounter
S27.53XS	Laceration of thoracic trachea, sequela
S27.59XA	Other injury of thoracic trachea, initial encounter
S27.59XD	Other injury of thoracic trachea, subsequent encounter
S27.59XS	Other injury of thoracic trachea, sequela
S27.63XA	Laceration of pleura, initial encounter
S27.63XD	Laceration of pleura, subsequent encounter
S27.63XS	Laceration of pleura, sequela
S27.69XA	Other injury of pleura, initial encounter
S27.69XD	Other injury of pleura, subsequent encounter
S27.69XS	Other injury of pleura, sequela
S27.802A	Contusion of diaphragm, initial encounter
S27.802D	Contusion of diaphragm, subsequent encounter
S27.802S	Contusion of diaphragm, sequela
S27.803A	Laceration of diaphragm, initial encounter
S27.803D	Laceration of diaphragm, subsequent encounter
S27.803S	Laceration of diaphragm, sequela
S27.808A	Other injury of diaphragm, initial encounter
S27.808D	Other injury of diaphragm, subsequent encounter
S27.808S	Other injury of diaphragm, sequela
S27.812A	Contusion of esophagus (thoracic part), initial encounter
S27.812D	Contusion of esophagus (thoracic part), subsequent encounter
S27.812S	Contusion of esophagus (thoracic part), sequela
S27.813A	Laceration of esophagus (thoracic part), initial encounter
S27.813D	Laceration of esophagus (thoracic part), subsequent encounter
S27.813S	Laceration of esophagus (thoracic part), sequela
S27.818A	Other injury of esophagus (thoracic part), initial encounter
S27.818D	Other injury of esophagus (thoracic part), subsequent encounter
S27.818S	Other injury of esophagus (thoracic part), sequela
S27.892A	Contusion of other specified intrathoracic organs, initial encounter
S27.892D	Contusion of other specified intrathoracic organs, subsequent encounter
S27.892S	Contusion of other specified intrathoracic organs, sequela
S27.893A	Laceration of other specified intrathoracic organs, initial encounter
S27.893D	Laceration of other specified intrathoracic organs, subsequent encounter
S27.893S	Laceration of other specified intrathoracic organs, sequela
S27.898A	Other injury of other specified intrathoracic organs, initial encounter
S27.898D	Other injury of other specified intrathoracic organs, subsequent encounter
S27.898S	Other injury of other specified intrathoracic organs, sequela
S32.411S	Displaced fracture of anterior wall of right acetabulum, sequela
T53.5X1A	Toxic effect of chlorofluorocarbons, accidental (unintentional), initial encounter
T53.5X1D	Toxic effect of chlorofluorocarbons, accidental (unintentional), subsequent encounter
T53.5X1S	Toxic effect of chlorofluorocarbons, accidental (unintentional), sequela
T53.5X2A	Toxic effect of chlorofluorocarbons, intentional self-harm, initial encounter
T53.5X2D	Toxic effect of chlorofluorocarbons, intentional self-harm, subsequent encounter
T53.5X2S	Toxic effect of chlorofluorocarbons, intentional self-harm, sequela
T53.5X3A	Toxic effect of chlorofluorocarbons, assault, initial encounter
T53.5X3D	Toxic effect of chlorofluorocarbons, assault, subsequent encounter
T53.5X3S	Toxic effect of chlorofluorocarbons, assault, sequela
T53.5X4A	Toxic effect of chlorofluorocarbons, undetermined, initial encounter
T53.5X4D	Toxic effect of chlorofluorocarbons, undetermined, subsequent encounter
T53.5X4S	Toxic effect of chlorofluorocarbons, undetermined, sequela
T57.3X1A	Toxic effect of hydrogen cyanide, accidental (unintentional), initial encounter
T57.3X1D	Toxic effect of hydrogen cyanide, accidental (unintentional), subsequent encounter
T57.3X1S	Toxic effect of hydrogen cyanide, accidental (unintentional), sequela

**ICD-10
Codes****Description**

T57.3X2A	Toxic effect of hydrogen cyanide, intentional self-harm, initial encounter
T57.3X2D	Toxic effect of hydrogen cyanide, intentional self-harm, subsequent encounter
T57.3X2S	Toxic effect of hydrogen cyanide, intentional self-harm, sequela
T57.3X3A	Toxic effect of hydrogen cyanide, assault, initial encounter
T57.3X3D	Toxic effect of hydrogen cyanide, assault, subsequent encounter
T57.3X3S	Toxic effect of hydrogen cyanide, assault, sequela
T57.3X4A	Toxic effect of hydrogen cyanide, undetermined, initial encounter
T57.3X4D	Toxic effect of hydrogen cyanide, undetermined, subsequent encounter
T57.3X4S	Toxic effect of hydrogen cyanide, undetermined, sequela
T59.0X1A	Toxic effect of nitrogen oxides, accidental (unintentional), initial encounter
T59.0X1D	Toxic effect of nitrogen oxides, accidental (unintentional), subsequent encounter
T59.0X1S	Toxic effect of nitrogen oxides, accidental (unintentional), sequela
T59.0X2A	Toxic effect of nitrogen oxides, intentional self-harm, initial encounter
T59.0X2D	Toxic effect of nitrogen oxides, intentional self-harm, subsequent encounter
T59.0X2S	Toxic effect of nitrogen oxides, intentional self-harm, sequela
T59.0X3A	Toxic effect of nitrogen oxides, assault, initial encounter
T59.0X3D	Toxic effect of nitrogen oxides, assault, subsequent encounter
T59.0X3S	Toxic effect of nitrogen oxides, assault, sequela
T59.0X4A	Toxic effect of nitrogen oxides, undetermined, initial encounter
T59.0X4D	Toxic effect of nitrogen oxides, undetermined, subsequent encounter
T59.0X4S	Toxic effect of nitrogen oxides, undetermined, sequela
T59.1X1A	Toxic effect of sulfur dioxide, accidental (unintentional), initial encounter
T59.1X1D	Toxic effect of sulfur dioxide, accidental (unintentional), subsequent encounter
T59.1X1S	Toxic effect of sulfur dioxide, accidental (unintentional), sequela
T59.1X2A	Toxic effect of sulfur dioxide, intentional self-harm, initial encounter
T59.1X2D	Toxic effect of sulfur dioxide, intentional self-harm, subsequent encounter
T59.1X2S	Toxic effect of sulfur dioxide, intentional self-harm, sequela
T59.1X3A	Toxic effect of sulfur dioxide, assault, initial encounter
T59.1X3D	Toxic effect of sulfur dioxide, assault, subsequent encounter
T59.1X3S	Toxic effect of sulfur dioxide, assault, sequela
T59.1X4A	Toxic effect of sulfur dioxide, undetermined, initial encounter
T59.1X4D	Toxic effect of sulfur dioxide, undetermined, subsequent encounter
T59.1X4S	Toxic effect of sulfur dioxide, undetermined, sequela
T59.2X1A	Toxic effect of formaldehyde, accidental (unintentional), initial encounter
T59.2X1D	Toxic effect of formaldehyde, accidental (unintentional), subsequent encounter
T59.2X1S	Toxic effect of formaldehyde, accidental (unintentional), sequela
T59.2X2A	Toxic effect of formaldehyde, intentional self-harm, initial encounter
T59.2X2D	Toxic effect of formaldehyde, intentional self-harm, subsequent encounter
T59.2X2S	Toxic effect of formaldehyde, intentional self-harm, sequela
T59.2X3A	Toxic effect of formaldehyde, assault, initial encounter
T59.2X3D	Toxic effect of formaldehyde, assault, subsequent encounter
T59.2X3S	Toxic effect of formaldehyde, assault, sequela
T59.2X4A	Toxic effect of formaldehyde, undetermined, initial encounter
T59.2X4D	Toxic effect of formaldehyde, undetermined, subsequent encounter
T59.2X4S	Toxic effect of formaldehyde, undetermined, sequela
T59.3X1A	Toxic effect of lacrimogenic gas, accidental (unintentional), initial encounter
T59.3X1D	Toxic effect of lacrimogenic gas, accidental (unintentional), subsequent encounter
T59.3X1S	Toxic effect of lacrimogenic gas, accidental (unintentional), sequela
T59.3X2A	Toxic effect of lacrimogenic gas, intentional self-harm, initial encounter
T59.3X2D	Toxic effect of lacrimogenic gas, intentional self-harm, subsequent encounter
T59.3X2S	Toxic effect of lacrimogenic gas, intentional self-harm, sequela
T59.3X3A	Toxic effect of lacrimogenic gas, assault, initial encounter
T59.3X3D	Toxic effect of lacrimogenic gas, assault, subsequent encounter
T59.3X3S	Toxic effect of lacrimogenic gas, assault, sequela
T59.3X4A	Toxic effect of lacrimogenic gas, undetermined, initial encounter
T59.3X4D	Toxic effect of lacrimogenic gas, undetermined, subsequent encounter
T59.3X4S	Toxic effect of lacrimogenic gas, undetermined, sequela
T59.4X1A	Toxic effect of chlorine gas, accidental (unintentional), initial encounter

ICD-10 Codes	Description
T59.4X1D	Toxic effect of chlorine gas, accidental (unintentional), subsequent encounter
T59.4X1S	Toxic effect of chlorine gas, accidental (unintentional), sequela
T59.4X2A	Toxic effect of chlorine gas, intentional self-harm, initial encounter
T59.4X2D	Toxic effect of chlorine gas, intentional self-harm, subsequent encounter
T59.4X2S	Toxic effect of chlorine gas, intentional self-harm, sequela
T59.4X3A	Toxic effect of chlorine gas, assault, initial encounter
T59.4X3D	Toxic effect of chlorine gas, assault, subsequent encounter
T59.4X3S	Toxic effect of chlorine gas, assault, sequela
T59.4X4A	Toxic effect of chlorine gas, undetermined, initial encounter
T59.4X4D	Toxic effect of chlorine gas, undetermined, subsequent encounter
T59.4X4S	Toxic effect of chlorine gas, undetermined, sequela
T59.5X1A	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), initial encounter
T59.5X1D	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), subsequent encounter
T59.5X1S	Toxic effect of fluorine gas and hydrogen fluoride, accidental (unintentional), sequela
T59.5X2A	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, initial encounter
T59.5X2D	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, subsequent encounter
T59.5X2S	Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela
T59.5X3A	Toxic effect of fluorine gas and hydrogen fluoride, assault, initial encounter
T59.5X3D	Toxic effect of fluorine gas and hydrogen fluoride, assault, subsequent encounter
T59.5X3S	Toxic effect of fluorine gas and hydrogen fluoride, assault, sequela
T59.5X4A	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, initial encounter
T59.5X4D	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, subsequent encounter
T59.5X4S	Toxic effect of fluorine gas and hydrogen fluoride, undetermined, sequela
T59.6X1A	Toxic effect of hydrogen sulfide, accidental (unintentional), initial encounter
T59.6X1D	Toxic effect of hydrogen sulfide, accidental (unintentional), subsequent encounter
T59.6X1S	Toxic effect of hydrogen sulfide, accidental (unintentional), sequela
T59.6X2A	Toxic effect of hydrogen sulfide, intentional self-harm, initial encounter
T59.6X2D	Toxic effect of hydrogen sulfide, intentional self-harm, subsequent encounter
T59.6X2S	Toxic effect of hydrogen sulfide, intentional self-harm, sequela
T59.6X3A	Toxic effect of hydrogen sulfide, assault, initial encounter
T59.6X3D	Toxic effect of hydrogen sulfide, assault, subsequent encounter
T59.6X3S	Toxic effect of hydrogen sulfide, assault, sequela
T59.6X4A	Toxic effect of hydrogen sulfide, undetermined, initial encounter
T59.6X4D	Toxic effect of hydrogen sulfide, undetermined, subsequent encounter
T59.6X4S	Toxic effect of hydrogen sulfide, undetermined, sequela
T59.7X1A	Toxic effect of carbon dioxide, accidental (unintentional), initial encounter
T59.7X1D	Toxic effect of carbon dioxide, accidental (unintentional), subsequent encounter
T59.7X1S	Toxic effect of carbon dioxide, accidental (unintentional), sequela
T59.7X2A	Toxic effect of carbon dioxide, intentional self-harm, initial encounter
T59.7X2D	Toxic effect of carbon dioxide, intentional self-harm, subsequent encounter
T59.7X2S	Toxic effect of carbon dioxide, intentional self-harm, sequela
T59.7X3A	Toxic effect of carbon dioxide, assault, initial encounter
T59.7X3D	Toxic effect of carbon dioxide, assault, subsequent encounter
T59.7X3S	Toxic effect of carbon dioxide, assault, sequela
T59.7X4A	Toxic effect of carbon dioxide, undetermined, initial encounter
T59.7X4D	Toxic effect of carbon dioxide, undetermined, subsequent encounter
T59.7X4S	Toxic effect of carbon dioxide, undetermined, sequela
T59.811A	Toxic effect of smoke, accidental (unintentional), initial encounter
T59.811D	Toxic effect of smoke, accidental (unintentional), subsequent encounter
T59.811S	Toxic effect of smoke, accidental (unintentional), sequela
T59.812A	Toxic effect of smoke, intentional self-harm, initial encounter
T59.812D	Toxic effect of smoke, intentional self-harm, subsequent encounter
T59.812S	Toxic effect of smoke, intentional self-harm, sequela
T59.813A	Toxic effect of smoke, assault, initial encounter
T59.813D	Toxic effect of smoke, assault, subsequent encounter
T59.813S	Toxic effect of smoke, assault, sequela
T59.814A	Toxic effect of smoke, undetermined, initial encounter

ICD-10 Codes	Description
T59.814D	Toxic effect of smoke, undetermined, subsequent encounter
T59.814S	Toxic effect of smoke, undetermined, sequela
T59.891A	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), initial encounter
T59.891D	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), subsequent encounter
T59.891S	Toxic effect of other specified gases, fumes and vapors, accidental (unintentional), sequela
T59.892A	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, initial encounter
T59.892D	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, subsequent encounter
T59.892S	Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela
T59.893A	Toxic effect of other specified gases, fumes and vapors, assault, initial encounter
T59.893D	Toxic effect of other specified gases, fumes and vapors, assault, subsequent encounter
T59.893S	Toxic effect of other specified gases, fumes and vapors, assault, sequela
T59.894A	Toxic effect of other specified gases, fumes and vapors, undetermined, initial encounter
T59.894D	Toxic effect of other specified gases, fumes and vapors, undetermined, subsequent encounter
T59.894S	Toxic effect of other specified gases, fumes and vapors, undetermined, sequela
Z09	Encounter for follow-up examination after completed treatment for conditions other than malignant neoplasm
Z43.0	Encounter for attention to tracheostomy
Z48.24	Encounter for aftercare following lung transplant
Z48.280	Encounter for aftercare following heart-lung transplant
Z93.0	Tracheostomy status
Z94.2	Lung transplant status
Z94.3	Heart and lungs transplant status
Z99.11	Dependence on respirator [ventilator] status

ICD-10 Codes that DO NOT Support Medical Necessity

Group 1 Paragraph: N/A

Group 1 Codes: N/A

ICD-10 Additional Information [Back to Top](#)

General Information

Associated Information

N/A

Sources of Information

1. American Association of Respiratory Care (AARC) website – <http://www.aarc.org>- information about accredited respiratory care programs and online CRCE (continuing respiratory care education).
2. Filart RA, Bach JR. Pulmonary physical medicine interventions for elderly patients with muscular dysfunction. *Clinics in Geriatric Medicine*. 2003; 19(1):189-204.
3. *International Classification of Functioning, Disability and Health (ICF)*. Geneva: World Health Organization; 2001. <http://www.who.int/classifications/icf/en/>
4. Mahler DA, Fierro-Carrion G, Baird JC. Evaluation of dyspnea in the elderly. *Clinics in Geriatric Medicine*. 2003;19(1):19-33. Describes that the prevalence of dyspnea in the elderly could be as high as 38% and raises the question of how much of this is related to obesity and deconditioning as opposed to actual pulmonary impairments.
5. Taiwo OA, Cain HC. Pulmonary impairment and disability. *Clinics in Chest Medicine*. 2002;23(4):841-851. Describes the role of both PFTs and CPET in the evaluation of pulmonary impairments.

Bibliography

NA

Revision History Information

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
07/09/2018	R8	<p>06/27/18 At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none">• Typographical Error
		<p>Corrected ICD-10 code I27.9 noted in R7 Revision History to I27.29.</p>	
		<p>05/07/18 - At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	
07/09/2018	R7	<p>This Draft to Final LCD is new for Jurisdiction E Part B and is effective 07/09/2018 for both Part A and Part B. LCD updated to clarify the ordering of Respiratory Therapy services and the medical necessity in the article text. Added and the following CPT codes new for 2018 because they are within the coverage indications of this LCD effective DOS 10/01/2017: 96417 and 96418 and 96420 was deleted effective for DOS 10/01/2017. Added the following ICD-10 codes new for 2018 because they are within the coverage indications of this LCD: E85.81, E85.82, R85.89, I27.20-I27.24, I27.9, I27.83 and R06.03.</p>	<ul style="list-style-type: none">• Creation of Uniform LCDs Within a MAC Jurisdiction
		<p>The following ICD-10 codes were deleted with the 2018 ICD-10 code updates: E85.8 and I27.2.</p>	
		<p>Also, the description for the following ICD-10 codes changed effective for DOS 01/01/2018: I50.1, M33.01 and M33.11</p>	
01/01/2018	R6	<p>11/29/17: At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	<ul style="list-style-type: none">• Revisions Due To CPT/HCPCS Code Changes
		<p>Added procedure codes 94617 and 94618 effective 01/01/2018 and deleted 94620 effective 12/31/2017.</p>	
		<p>08/24/2017: At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p>	
		<p>Effective DOS 10/01/2017 the following ICD-10-CM codes were added, deleted and had a description change:</p>	<ul style="list-style-type: none">• Revisions Due To ICD -10-CM Code Changes
10/01/2017	R5	<p>Added:</p> <ul style="list-style-type: none">• E85.81• E85.82• E85.89• I27.20• I27.21• I27.22• I27.23	

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
		<ul style="list-style-type: none"> I27.24 I27.29 I27.83 	
		The following ICD-10 codes were deleted from the ICD-10 Codes that Support Medical Necessity field: E85.8 was deleted from Group 1 I27.2 was deleted from Group 1	
		The following ICD-10 code descriptions were changed in the ICD-10 Codes that Support Medical Necessity field: I50.1 descriptor was changed in Group 1 M33.01 descriptor was changed in Group 1 M33.11 descriptor was changed in Group 1	
10/01/2016	R4	The LCD is revised to add new ICD-10 codes and remove deleted code effective 10/1/2016: J95.860, J95.861, J95.862, J95.863, J98.51 and J98.59 added. Deleted code J98.5.	<ul style="list-style-type: none"> Revisions Due To ICD -10-CM Code Changes
02/01/2016	R3	R3-LCD revised to delete CPT codes 31500 & 92950 effective 2/1/16 and added ICD-10 code J44.9 effective 10/1/15.	<ul style="list-style-type: none"> Typographical Error Revisions Due To ICD-10-CM Code Changes
10/01/2015	R2	The LCD is revised to add ICD-10 code R91.1 to group 1, effective 10/1/2015.	<ul style="list-style-type: none"> Revisions Due To ICD -10-CM Code Changes
10/01/2015	R1	CPT code 94669 added due to the 2014 CPT/HCPCS codes update.	<ul style="list-style-type: none"> Revisions Due To CPT/HCPCS Code Changes

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Associated Documents

Attachments N/A

Related Local Coverage Documents Article(s) [A55984 - Response to Comments: Respiratory Care \(Respiratory Therapy\)](#) LCD(s) [DL34149 - Respiratory Care \(Respiratory Therapy\)](#)

Related National Coverage Documents N/A

Public Version(s) Updated on 06/27/2018 with effective dates 07/09/2018 - N/A [Updated on 05/09/2018 with effective dates 07/09/2018 - N/A Updated on 12/07/2017 with effective dates 01/01/2018 - 07/08/2018 Updated on 08/31/2017 with effective dates 10/01/2017 - 12/31/2017 Updated on 09/20/2016 with effective dates 10/01/2016 - 09/30/2017](#) Some older versions have been archived. Please visit the [MCD Archive Site](#) to retrieve them. [Back to Top](#)

Keywords

- Respiratory care,
- respiratory therapy

- RT
- 31502
- 31720
- 94002
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