



MASSACHUSETTS

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Medical Policy

Non-oncologic Imaging of the Chest

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Related Policies

- **Medicare Advantage: High-Technology Radiology and Sleep Disorder Management Clinical and Utilization Guidance Redirect, #923**
- AIM High Technology Radiology Management Program CPT and HCPCS Codes, #900
- Oncologic Imaging, #960
- Non-oncologic Imaging of the Abdomen and Pelvis, #961
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Policy¹

Commercial Members: Managed Care (HMO and POS), PPO, EPO and Indemnity

Congenital and Developmental Conditions

Congenital thoracic anomalies

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Congenital pulmonary airway malformation (Pediatric only)

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management of the following conditions when the results of imaging will impact treatment decisions.

- Congenital lobar emphysema

- Congenital cystic adenomatoid malformation

IMAGING STUDY

- CT chest

Chest wall deformities including pectus excavatum (Pediatric only)

Advanced imaging is considered **MEDICALLY NECESSARY** in **EITHER** of the following scenarios:

- Preoperative evaluation
- Postoperative evaluation for complications or recurrence

IMAGING STUDY

- CT or MRI chest

Pulmonary sequestration

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Infectious and Inflammatory Conditions

Pneumonia

Advanced imaging is considered **MEDICALLY NECESSARY** in **ANY** of the following scenarios:

- Radiographs show no improvement following at least 4 weeks of medical treatment
- Recurrence of pneumonia in the same location within 6 months
- Evaluation of known or suspected complications of pneumonia following nondiagnostic radiographs
- Immunosuppressed patients with signs or symptoms of pneumonia

IMAGING STUDY

- CT chest

Other infectious or inflammatory conditions

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management of the following conditions when the results of imaging will impact treatment decisions.

- Lung abscess
- Sternal wound infection or dehiscence
- Mediastinitis
- Infectious and inflammatory conditions not listed elsewhere in this guideline

IMAGING STUDY

- CT chest

Trauma

Blunt or penetrating trauma to the thorax

See Vascular Imaging guidelines.

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Tumor or Neoplasm

The following section addresses conditions which may be indicative of underlying neoplasm, as well as benign tumors of the thorax. For cancer screening guidelines and management of documented malignancy, please refer to the Oncologic Imaging guidelines.

Chest wall mass

Advanced imaging is considered **MEDICALLY NECESSARY** in **ANY** of the following scenarios:

- Palpable chest wall mass with nondiagnostic radiograph or ultrasound
- Chest wall mass identified on prior imaging when further information is needed to determine need for biopsy or surgery
- Preoperative planning following biopsy

Note: For breast masses (including gynecomastia), see Oncologic Imaging guidelines for breast cancer.

IMAGING STUDY

- CT or MRI chest

Pulmonary nodule

Advanced imaging is considered **MEDICALLY NECESSARY** in the following scenarios:

Calcified nodules

- Follow up of calcified nodules other than those with benign calcification patterns* is at the discretion of the ordering provider

**Benign calcification patterns include granulomas and popcorn calcifications, for which routine follow up is not medically necessary*

Noncalcified nodules

- Younger than age 35
 - Nodules ≥ 1 cm or with suspicious morphology (includes nodules with irregular or spiculated margins)
- Age 35 or older
 - Solid nodules: see Table 1
 - Subsolid nodules: see Table 2

Nodules identified on incomplete thoracic CT

- Less than 6 mm: no follow-up imaging required
- 6 mm to 8 mm: 3 to 12 month follow up with complete chest CT; subsequent follow up based on characterization of nodule
- Greater than 8 mm or suspicious morphology*: complete chest CT with subsequent follow up based on characterization of nodule

**Suspicious morphology includes nodules with irregular or spiculated margins*

IMAGING STUDY

- CT chest (all indications)
- PET, PET-CT when **ALL** of the following criteria are met:
 - Nodule is well-demarcated, solid or part solid, and lacks a benign calcification pattern.
 - Size is greater than 8 mm but less than 3 cm in greatest diameter

- Nodule is surrounded by aerated lung parenchyma
- There is no associated adenopathy, atelectasis or pleural effusion

Table 1. Follow-up recommendations for solid noncalcified pulmonary nodules

Solid nodule size	Risk	Solitary	Multiple
Less than 6 mm	Low	No follow up	
	High*	Optional follow-up exam at 12 months	
6 mm to 8 mm or Lung-RADS 3	N/A	1. 6 to 12 months 2. 18 to 24 months	1. 3 to 6 months 2. 18 to 24 months
More than 8 mm	N/A	1. 3 months 2. 6 months 3. 18 to 24 months unless diagnostic PET-CT or tissue sampling performed	
Any size when prior imaging has documented 24 months of stability	N/A	No follow up	

*High risk includes the following:

- Smoking history (any)
- First-degree relative with lung cancer
- Significant exposure to asbestos, uranium and/or radon, typically through high risk profession

Table 2. Follow-up recommendations for subsolid noncalcified pulmonary nodules

Subsolid nodule size	Solitary ground glass	Solitary part solid	Multiple subsolid
Less than 6 mm	No routine follow up	No routine follow up	1. 3 to 6 months 2. 24 months 3. 48 months
Greater than or equal to 6 mm or Lung-RADS 3	1. 6 to 12 months 2. Every 2 years thereafter for a total of 5 years	1. 3 to 6 months 2. Every year for 5 years	1. 3 to 6 months 2. Follow up based on most suspicious nodule (part solid or ground glass)

Abbreviation: Lung-RADS™, American College of Radiology Lung CT Screening Reporting and Data System. Adapted from MacMahon H, Naidich DP, Goo JM, et al. *Radiology*. 2017; 284(1):228-243.

Other thoracic mass lesions

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management of the following findings or conditions when the results of imaging will impact treatment decisions.

- Hilar or mediastinal lymphadenopathy or mass
- Pancoast tumor
- Pleural mass
- Thymoma
- Benign tumors (pediatric only)

IMAGING STUDY

ADULT

- CT chest
- MRI chest for evaluation of mediastinal and hilar masses when CT is insufficient for problem solving or for evaluation of chest wall extension in Pancoast tumor

PEDIATRIC

- CT or MRI chest

Parenchymal Lung Disease – not otherwise specified

Asbestos-related lesions involving the lungs and pleura (Adult only)

Advanced imaging is considered [**MEDICALLY NECESSARY**](#) for diagnosis and management when the results of imaging will impact treatment decisions.

Note: Asbestos exposure may also manifest in nonmalignant pulmonary conditions including interstitial lung disease, pleural effusion, or pleural plaques.

IMAGING STUDY

- CT chest

Bronchiectasis

Advanced imaging is considered [**MEDICALLY NECESSARY**](#) for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest
- Consider chest HRCT technique

Bronchiolitis obliterans

Advanced imaging is considered [**MEDICALLY NECESSARY**](#) for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Interstitial lung disease and pulmonary fibrosis

Advanced imaging is considered [**MEDICALLY NECESSARY**](#) for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest
- Consider chest HRCT technique

Occupational lung disease (Adult only)

Advanced imaging is considered [**MEDICALLY NECESSARY**](#) for diagnosis and management of the following conditions when the results of imaging will impact treatment decisions.

- Silicosis
- Coal worker's pneumoconiosis
- Progressive massive fibrosis
- Hard metal pneumoconiosis
- Talcosis
- Caplan's syndrome in patients with rheumatoid arthritis

IMAGING STUDY

- CT chest

Pulmonary embolism

See *Vascular Imaging guidelines*.

Sarcoidosis

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Pleural Conditions

Bronchopleural fistula (Adult only)

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Pleural fluid collection

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management of the following conditions when the results of imaging will impact treatment decisions:

- Pleural effusion
- Hemothorax
- Empyema
- Chylothorax

IMAGING STUDY

- CT chest

Note: Ultrasound should be considered as the initial imaging modality and prior to a diagnostic or therapeutic pleural tap.

Pneumothorax, unexplained or recurrent

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Chest Wall and Diaphragmatic Conditions

Breast implant rupture

Advanced imaging is considered **MEDICALLY NECESSARY** in **EITHER** of the following scenarios:

- Detection of implant rupture in symptomatic patients
- Screening for rupture of a silicone breast implant (in asymptomatic patients) beginning 3 years after implantation, and every other year thereafter

IMAGING STUDY

- MRI breast

Diaphragmatic hernia

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Pectoralis muscle tear

Advanced imaging is considered **MEDICALLY NECESSARY** for preoperative planning in patients with suspected full thickness tear of the tendon or myotendinous junction.

IMAGING STUDY

- MRI chest

Thoracic outlet syndrome

Also see Vascular Imaging guidelines.

Advanced imaging is considered **MEDICALLY NECESSARY** for diagnosis and management when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT or MRI chest for neurogenic thoracic outlet syndrome
- CTA or MRA chest for vascular thoracic outlet syndromes

Signs and Symptoms

Cough (chronic or persistent)

Advanced imaging is considered **MEDICALLY NECESSARY** for evaluation of cough present for at least 8 weeks in the following scenarios:

- Cough not responding to appropriate treatment and unexplained by clinical evaluation, chest radiography, and pulmonary function testing or spirometry
- Cough in immunosuppressed individuals

Note: Chronic cough, in the context of other signs and symptoms, should be evaluated based on the most likely disease or diseases responsible (see indication for bronchiectasis or interstitial lung disease).

IMAGING STUDY

- CT chest

Fever of unknown origin

Advanced imaging is considered **MEDICALLY NECESSARY** in **EITHER** of the following scenarios:

- Fever of duration greater than 3 weeks, which is unexplained following a standard diagnostic evaluation to identify the source
- Unexplained fever in immunocompromised patient

IMAGING STUDY

- CT chest

Hemoptysis

Advanced imaging is considered **MEDICALLY NECESSARY** for evaluation following nondiagnostic chest radiographs.

IMAGING STUDY

- CT chest
- MRI chest for suspected vascular anomaly in pediatric patients

Note: Bronchoscopy is a complementary modality to assess hemoptysis.

Hoarseness, dysphonia, or vocal cord weakness

Also see Head and Neck Imaging guidelines.

ADULT

Advanced imaging is considered **MEDICALLY NECESSARY** for initial evaluation in **ANY** of the following scenarios in adults only:

- Following laryngoscopy, when findings suggest recurrent laryngeal nerve dysfunction or identify a suspicious lesion
- Symptoms persisting longer than one month which are unexplained by laryngoscopy
- Presence of at least **ONE** of the following high-risk features:
 - Tobacco use
 - Alcohol abuse
 - Hemoptysis
 - History of radiation therapy
 - Known head and neck malignancy

PEDIATRIC

Advanced imaging is considered **MEDICALLY NECESSARY** in **EITHER** of the following scenarios in pediatric patients only:

- Hoarseness persisting for longer than 4 weeks
- Following laryngoscopy, when findings are nondiagnostic or reveal vocal cord paralysis

IMAGING STUDY

- CT chest

Horner's syndrome

Also see Brain Imaging and Head and Neck Imaging guidelines.

Advanced imaging is considered **MEDICALLY NECESSARY** for evaluation when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT or MRI chest

Paraneoplastic syndrome

Advanced imaging is considered **MEDICALLY NECESSARY** for evaluation when the results of imaging will impact treatment decisions.

IMAGING STUDY

- CT chest

Weight loss

Also see *Abdomen and Pelvis Imaging guidelines*.

Advanced imaging is considered **MEDICALLY NECESSARY** for evaluation of unintentional weight loss exceeding 5% of body weight within a 12-month interval in **EITHER** of the following scenarios:

- Persistence following a negative comprehensive clinical evaluation (including a history and physical examination, age appropriate cancer screening, chest radiography, and initial laboratory evaluation) after a period of observation
- Abnormal findings suggestive of malignancy on history, physical exam, imaging or laboratory evaluation

IMAGING STUDY

- CT chest

Abnormal Test Findings

Imaging abnormalities

Advanced imaging is considered **MEDICALLY NECESSARY** for follow up of **ANY** of the following abnormalities identified on chest X-ray or other thoracic imaging study:

- Pulmonary mass, structural or parenchymal abnormality
- Hilar enlargement or mediastinal widening
- Hyperlucent lung in pediatric patients
- Unexplained diaphragmatic elevation or immobility

IMAGING STUDY

- CT chest

Positive sputum cytology

Advanced imaging is considered **MEDICALLY NECESSARY** for follow up.

IMAGING STUDY

- CT chest

Tracheal or bronchial lesion or other findings on bronchoscopy

Advanced imaging is considered **MEDICALLY NECESSARY** for follow up.

IMAGING STUDY

- CT chest

Prior Authorization Information

Inpatient

- For services described in this policy, precertification/preauthorization **IS REQUIRED** for all products if the procedure is performed **inpatient**.

Outpatient

- For services described in this policy, see below for products where prior authorization **might be required** if the procedure is performed **outpatient**.

	Outpatient
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<p>Commercial Managed Care (HMO and POS)</p> <p>Commercial PPO and EPO</p>	<p>The requirements of BCBSMA Radiology Management Program may require prior authorization via AIM Specialty Health. These requirements are member-specific:</p> <p>Please verify member eligibility and requirements through Online Services by logging onto Provider Central. Refer to our Quick Tip for an overview of pre-certification and prior authorization requirements.</p> <p>Ordering clinicians should request pre-certification from AIM Specialty Health or call 1-866-745-1783 (when applicable).</p> <p>Prior authorization information for Medicare HMO Blue and Medicare PPO Blue is addressed in medical policy #923, High Technology Radiology and Sleep Disorder Management for Medicare Advantage Products.</p>
<p>Indemnity</p>	<p>Prior authorization is not required.</p>

CPT Codes / HCPCS Codes / ICD Codes

Inclusion or exclusion of a code does not constitute or imply member coverage or provider reimbursement. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage as it applies to an individual member.

Providers should report all services using the most up-to-date industry-standard procedure, revenue, and diagnosis codes, including modifiers where applicable.

The following codes are included below for informational purposes only; this is not an all-inclusive list.

The above medical necessity criteria MUST be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity:

CPT Codes

CPT codes:	Code Description
71250	Chest CT without contrast
71260	Chest CT with contrast
71270	Chest CT without contrast, followed by re-imaging with contrast

The following ICD Diagnosis Codes are considered medically necessary when submitted with the CPT codes above if medical necessity criteria are met:

ICD-10 diagnosis coding

ICD-10 Diagnosis code	Description
A01.03	Typhoid pneumonia
A02.22	Salmonella pneumonia
A02.9	Salmonella infection, unspecified
A06.5	Amebic lung abscess
A15.0	Tuberculosis of lung
A15.4	Tuberculosis of intrathoracic lymph nodes
A15.5	Tuberculosis of larynx, trachea and bronchus
A15.6	Tuberculous pleurisy

A15.7	Primary respiratory tuberculosis
A15.8	Other respiratory tuberculosis
A15.9	Respiratory tuberculosis unspecified
A18.84	Tuberculosis of heart
A20.2	Pneumonic plague
A21.2	Pulmonary tularemia
A22.1	Pulmonary anthrax
A24.1	Acute and fulminating melioidosis
A31.0	Pulmonary mycobacterial infection
A37.01	Whooping cough due to Bordetella pertussis with pneumonia
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia
A37.81	Whooping cough due to other Bordetella species with pneumonia
A37.91	Whooping cough, unspecified species with pneumonia
A39.50	Meningococcal carditis, unspecified
A39.51	Meningococcal endocarditis
A39.52	Meningococcal myocarditis
A39.53	Meningococcal pericarditis
A40.3	Sepsis due to Streptococcus pneumoniae
A42.0	Pulmonary actinomycosis
A43.0	Pulmonary nocardiosis
A50.04	Early congenital syphilitic pneumonia
A52.72	Syphilis of lung and bronchus
A52.73	Symptomatic late syphilis of other respiratory organs
A53.9	Syphilis, unspecified
A54.84	Gonococcal pneumonia
A69.8	Other specified spirochetal infections
A70	Chlamydia psittaci infections
A78	Q fever
B01.2	Varicella pneumonia
B05.2	Measles complicated by pneumonia
B06.81	Rubella pneumonia
B20	Human immunodeficiency virus [HIV] disease
B25.0	Cytomegaloviral pneumonitis
B37.1	Pulmonary candidiasis
B37.81	Candidal esophagitis
B38.0	Acute pulmonary coccidioidomycosis
B38.1	Chronic pulmonary coccidioidomycosis
B38.2	Pulmonary coccidioidomycosis, unspecified
B38.89	Other forms of coccidioidomycosis
B38.9	Coccidioidomycosis, unspecified
B39.0	Acute pulmonary histoplasmosis capsulati
B39.1	Chronic pulmonary histoplasmosis capsulati
B39.2	Pulmonary histoplasmosis capsulati, unspecified
B39.9	Histoplasmosis, unspecified

B44.0	Invasive pulmonary aspergillosis
B44.1	Other pulmonary aspergillosis
B44.81	Allergic bronchopulmonary aspergillosis
B44.89	Other forms of aspergillosis
B44.9	Aspergillosis, unspecified
B45.0	Pulmonary cryptococcosis
B45.8	Other forms of cryptococcosis
B45.9	Cryptococcosis, unspecified
B58.3	Pulmonary toxoplasmosis
B59	Pneumocystosis
B65.9	Schistosomiasis, unspecified
B77.81	Ascariasis pneumonia
B95.3	Streptococcus pneumoniae as the cause of diseases classified elsewhere
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified
B97.4	Respiratory syncytial virus as the cause of diseases classified elsewhere
B99.8	Other infectious disease
B99.9	Unspecified infectious disease
D86.0	Sarcoidosis of lung
D86.1	Sarcoidosis of lymph nodes
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes
D86.85	Sarcoid myocarditis
D86.89	Sarcoidosis of other sites
D86.9	Sarcoidosis, unspecified
F17.200	Nicotine dependence, unspecified, uncomplicated
F17.201	Nicotine dependence, unspecified, in remission
F17.210	Nicotine dependence, cigarettes, uncomplicated
F17.211	Nicotine dependence, cigarettes, in remission
F17.213	Nicotine dependence, cigarettes, with withdrawal
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders
G00.1	Pneumococcal meningitis
G13.0	Paraneoplastic neuromyopathy and neuropathy
G25.82	Stiff-man syndrome
G54.0	Brachial plexus disorders
G70.00	Myasthenia gravis without (acute) exacerbation
G70.01	Myasthenia gravis with (acute) exacerbation
G70.80	Lambert-Eaton syndrome, unspecified
G70.81	Lambert-Eaton syndrome in disease classified elsewhere
G73.1	Lambert-Eaton syndrome in neoplastic disease
G81.90	Hemiplegia, unspecified affecting unspecified side
G81.91	Hemiplegia, unspecified affecting right dominant side
G81.92	Hemiplegia, unspecified affecting left dominant side
G81.93	Hemiplegia, unspecified affecting right nondominant side
G81.94	Hemiplegia, unspecified affecting left nondominant side

G90.2	Horner's syndrome
H53.9	Unspecified visual disturbance
I00	Rheumatic fever without heart involvement
I05.0	Rheumatic mitral stenosis
I05.1	Rheumatic mitral insufficiency
I05.2	Rheumatic mitral stenosis with insufficiency
I10	Essential (primary) hypertension
I16.0	Hypertensive urgency
I16.1	Hypertensive emergency
I16.9	Hypertensive crisis, unspecified
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
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
I27.20	Pulmonary hypertension, unspecified
I27.21	Secondary pulmonary arterial hypertension
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
I30.1	Infective pericarditis
I40.0	Infective myocarditis
I42.4	Endocardial fibroelastosis
I50.1	Left ventricular failure, unspecified
I71.00	Dissection of unspecified site of aorta
I71.01	Dissection of thoracic aorta
I71.1	Thoracic aortic aneurysm, ruptured
I71.2	Thoracic aortic aneurysm, without rupture
I71.8	Aortic aneurysm of unspecified site, ruptured
I71.9	Aortic aneurysm of unspecified site, without rupture
I77.6	Arteritis, unspecified
I87.1	Compression of vein
I89.8	Other specified noninfective disorders of lymphatic vessels and lymph nodes
I95.0	Idiopathic hypotension
I95.1	Orthostatic hypotension

I95.2	Hypotension due to drugs
I95.3	Hypotension of hemodialysis
I95.81	Postprocedural hypotension
I95.89	Other hypotension
I95.9	Hypotension, unspecified
J06.9	Acute upper respiratory infection, unspecified
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.X9	Influenza due to identified novel influenza A virus with other manifestations
J12.0	Adenoviral pneumonia
J12.1	Respiratory syncytial virus pneumonia
J12.2	Parainfluenza virus pneumonia
J12.3	Human metapneumovirus pneumonia
J12.81	Pneumonia due to SARS-associated coronavirus
J12.89	Other viral pneumonia
J12.9	Viral pneumonia, unspecified
J13	Pneumonia due to Streptococcus pneumoniae
J14	Pneumonia due to Hemophilus influenzae
J15.0	Pneumonia due to Klebsiella pneumoniae
J15.1	Pneumonia due to Pseudomonas
J15.20	Pneumonia due to staphylococcus, unspecified
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
J15.5	Pneumonia due to Escherichia coli
J15.6	Pneumonia due to other Gram-negative bacteria
J15.7	Pneumonia due to Mycoplasma pneumoniae
J15.8	Pneumonia due to other specified bacteria
J15.9	Unspecified bacterial pneumonia
J16.0	Chlamydial pneumonia
J16.8	Pneumonia due to other specified infectious organisms
J17	Pneumonia in diseases classified elsewhere
J18.0	Bronchopneumonia, unspecified organism
J18.1	Lobar pneumonia, unspecified organism
J18.2	Hypostatic pneumonia, unspecified organism
J18.8	Other pneumonia, unspecified organism
J18.9	Pneumonia, unspecified organism
J22	Unspecified acute lower respiratory infection
J39.8	Other specified diseases of upper respiratory tract
J41.0	Simple chronic bronchitis
J41.1	Mucopurulent chronic bronchitis
J41.8	Mixed simple and mucopurulent chronic bronchitis

J42	Unspecified chronic bronchitis
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]
J43.1	Panlobular emphysema
J43.2	Centrilobular emphysema
J43.8	Other emphysema
J43.9	Emphysema, unspecified
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
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
J64	Unspecified pneumoconiosis
J65	Pneumoconiosis associated with tuberculosis
J66.0	Byssinosis
J66.8	Airway disease due to other specific organic dusts
J67.0	Farmer's lung
J67.1	Bagassosis
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
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes and
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes and vapors
J68.8	Other respiratory conditions due to chemicals, gases, fumes and vapors
J68.9	Unspecified respiratory condition 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
J70.4	Drug-induced interstitial lung disorders, unspecified

J70.5	Respiratory conditions due to smoke inhalation
J70.8	Respiratory conditions due to other specified external agents
J70.9	Respiratory conditions due to unspecified external agent
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
J84.10	Pulmonary fibrosis, unspecified
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
J84.9	Interstitial pulmonary disease, unspecified
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
J91.8	Pleural effusion in other conditions classified elsewhere
J92.0	Pleural plaque with presence of 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
J93.83	Other pneumothorax
J93.9	Pneumothorax, unspecified

J94.0	Chylous effusion
J94.1	Fibrothorax
J94.2	Hemothorax
J94.8	Other specified pleural conditions
J94.9	Pleural condition, unspecified
J95.1	Acute pulmonary insufficiency following thoracic surgery
J95.2	Acute pulmonary insufficiency following nonthoracic surgery
J95.3	Chronic pulmonary insufficiency following surgery
J95.4	Chemical pneumonitis due to anesthesia
J95.811	Postprocedural pneumothorax
J95.812	Postprocedural air leak
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J95.830	Postprocedural hemorrhage of a respiratory system organ or structure following a
J95.831	Postprocedural hemorrhage of a respiratory system organ or structure following other
J95.89	Other postprocedural complications and disorders of respiratory system, not elsewhere
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
J98.9	Respiratory disorder, unspecified
K44.0	Diaphragmatic hernia with obstruction, without gangrene
K44.1	Diaphragmatic hernia with gangrene
K44.9	Diaphragmatic hernia without obstruction or gangrene
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip

M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites
M31.4	Aortic arch syndrome [Takayasu]
M31.5	Giant cell arteritis with polymyalgia rheumatica
M31.6	Other giant cell arteritis
M54.9	Dorsalgia, unspecified
Q20.0	Common arterial trunk
Q20.1	Double outlet right ventricle
Q20.2	Double outlet left ventricle
Q20.3	Discordant ventriculoarterial connection
Q20.4	Double inlet ventricle
Q20.5	Discordant atrioventricular connection
Q20.6	Isomerism of atrial appendages
Q20.8	Other congenital malformations of cardiac chambers and connections
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
Q21.0	Ventricular septal defect
Q21.1	Atrial septal defect
Q21.2	Atrioventricular septal defect
Q21.3	Tetralogy of Fallot
Q21.4	Aortopulmonary septal defect
Q21.8	Other congenital malformations of cardiac septa
Q21.9	Congenital malformation of cardiac septum, unspecified
Q22.0	Pulmonary valve atresia
Q22.1	Congenital pulmonary valve stenosis
Q22.2	Congenital pulmonary valve insufficiency
Q22.3	Other congenital malformations of pulmonary valve
Q22.4	Congenital tricuspid stenosis
Q22.5	Ebstein's anomaly
Q22.6	Hypoplastic right heart syndrome
Q22.8	Other congenital malformations of tricuspid valve
Q22.9	Congenital malformation of tricuspid valve, unspecified
Q23.0	Congenital stenosis of aortic valve
Q23.1	Congenital insufficiency of aortic valve
Q23.2	Congenital mitral stenosis
Q23.3	Congenital mitral insufficiency
Q23.4	Hypoplastic left heart syndrome
Q23.8	Other congenital malformations of aortic and mitral valves

Q23.9	Congenital malformation of aortic and mitral valves, unspecified
Q24.0	Dextrocardia
Q24.1	Levocardia
Q24.2	Cor triatriatum
Q24.3	Pulmonary infundibular stenosis
Q24.4	Congenital subaortic stenosis
Q24.5	Malformation of coronary vessels
Q24.6	Congenital heart block
Q24.8	Other specified congenital malformations of heart
Q24.9	Congenital malformation of heart, unspecified
Q25.0	Patent ductus arteriosus
Q25.1	Coarctation of aorta
Q25.21	Interruption of aortic arch
Q25.29	Other atresia of aorta
Q25.3	Supravalvular aortic stenosis
Q25.40	Congenital malformation of aorta unspecified
Q25.41	Absence and aplasia of aorta
Q25.42	Hypoplasia of aorta
Q25.43	Congenital aneurysm of aorta
Q25.44	Congenital dilation of aorta
Q25.45	Double aortic arch
Q25.46	Tortuous aortic arch
Q25.47	Right aortic arch
Q25.48	Anomalous origin of subclavian artery
Q25.49	Other congenital malformations of aorta
Q25.5	Atresia of pulmonary artery
Q25.6	Stenosis of pulmonary artery
Q25.71	Coarctation of pulmonary artery
Q25.72	Congenital pulmonary arteriovenous malformation
Q25.79	Other congenital malformations of pulmonary artery
Q25.8	Other congenital malformations of other great arteries
Q25.9	Congenital malformation of great arteries, unspecified
Q26.8	Other congenital malformations of great veins
Q32.2	Congenital bronchomalacia
Q32.3	Congenital stenosis of bronchus
Q32.4	Other congenital malformations of bronchus
Q33.0	Congenital cystic lung
Q33.1	Accessory lobe of lung
Q33.2	Sequestration of lung
Q33.3	Agenesis of lung
Q33.4	Congenital bronchiectasis
Q33.5	Ectopic tissue in lung
Q33.6	Congenital hypoplasia and dysplasia of lung
Q33.8	Other congenital malformations of lung

Q33.9	Congenital malformation of lung, unspecified
Q34.0	Anomaly of pleura
Q34.1	Congenital cyst of mediastinum
Q34.8	Other specified congenital malformations of respiratory system
Q34.9	Congenital malformation of respiratory system, unspecified
Q67.6	Pectus excavatum
Q67.7	Pectus carinatum
Q67.8	Other congenital deformities of chest
Q76.6	Other congenital malformations of ribs
Q76.7	Congenital malformation of sternum
Q76.8	Other congenital malformations of bony thorax
Q76.9	Congenital malformation of bony thorax, unspecified
Q79.0	Congenital diaphragmatic hernia
Q79.1	Other congenital malformations of diaphragm
Q79.6	Ehlers-Danlos syndrome
Q79.8	Other congenital malformations of musculoskeletal system
Q87.40	Marfan's syndrome, unspecified
Q87.410	Marfan's syndrome with aortic dilation
Q87.418	Marfan's syndrome with other cardiovascular manifestations
Q87.42	Marfan's syndrome with ocular manifestations
Q87.43	Marfan's syndrome with skeletal manifestation
Q87.82	Arterial tortuosity syndrome
Q89.2	Congenital malformations of other endocrine glands
R03.1	Nonspecific low blood-pressure reading
R04.2	Hemoptysis
R05	Cough
R06.00	Dyspnea, unspecified
R06.02	Shortness of breath
R06.03	Acute respiratory distress
R06.89	Other abnormalities of breathing
R06.9	Unspecified abnormalities of breathing
R07.89	Other chest pain
R07.9	Chest pain, unspecified
R10.13	Epigastric pain
R10.84	Generalized abdominal pain
R10.9	Unspecified abdominal pain
R22.2	Localized swelling, mass and lump, trunk
R47.9	Unspecified speech disturbances
R49.0	Dysphonia
R49.1	Aphonia
R49.8	Other voice and resonance disorders
R49.9	Unspecified voice and resonance disorder
R50.9	Fever, unspecified
R53.1	Weakness

R55	Syncope and collapse
R59.0	Localized enlarged lymph nodes
R59.1	Generalized enlarged lymph nodes
R59.9	Enlarged lymph nodes, unspecified
R63.4	Abnormal weight loss
R84.9	Unspecified abnormal finding in specimens from respiratory organs and thorax
R91.1	Solitary pulmonary nodule
R91.8	Other nonspecific abnormal finding of lung field
R93.1	Abnormal findings on diagnostic imaging of heart and coronary circulation
R93.89	Abnormal findings on diagnostic imaging of other specified body structures
R94.2	Abnormal results of pulmonary function studies
S22.31XA	Fracture of one rib, right side, initial encounter for closed fracture
S22.31XB	Fracture of one rib, right side, initial encounter for open fracture
S22.31XD	Fracture of one rib, right side, subsequent encounter for fracture with routine healing
S22.31XG	Fracture of one rib, right side, subsequent encounter for fracture with delayed healing
S22.31XK	Fracture of one rib, right side, subsequent encounter for fracture with nonunion
S22.31XS	Fracture of one rib, right side, sequela
S22.32XA	Fracture of one rib, left side, initial encounter for closed fracture
S22.32XB	Fracture of one rib, left side, initial encounter for open fracture
S22.32XD	Fracture of one rib, left side, subsequent encounter for fracture with routine healing
S22.32XG	Fracture of one rib, left side, subsequent encounter for fracture with delayed healing
S22.32XK	Fracture of one rib, left side, subsequent encounter for fracture with nonunion
S22.32XS	Fracture of one rib, left side, sequela
S22.39XA	Fracture of one rib, unspecified side, initial encounter for closed fracture
S22.39XB	Fracture of one rib, unspecified side, initial encounter for open fracture
S22.39XD	Fracture of one rib, unspecified side, subsequent encounter for fracture with routine
S22.39XG	Fracture of one rib, unspecified side, subsequent encounter for fracture with delayed
S22.39XK	Fracture of one rib, unspecified side, subsequent encounter for fracture with nonunion
S22.39XS	Fracture of one rib, unspecified side, sequela
S22.41XA	Multiple fractures of ribs, right side, initial encounter for closed fracture
S22.41XB	Multiple fractures of ribs, right side, initial encounter for open fracture
S22.41XD	Multiple fractures of ribs, right side, subsequent encounter for fracture with routine
S22.41XG	Multiple fractures of ribs, right side, subsequent encounter for fracture with delayed
S22.41XK	Multiple fractures of ribs, right side, subsequent encounter for fracture with nonunion
S22.41XS	Multiple fractures of ribs, right side, sequela
S22.42XA	Multiple fractures of ribs, left side, initial encounter for closed fracture
S22.42XB	Multiple fractures of ribs, left side, initial encounter for open fracture
S22.42XD	Multiple fractures of ribs, left side, subsequent encounter for fracture with routine
S22.42XG	Multiple fractures of ribs, left side, subsequent encounter for fracture with delayed
S22.42XK	Multiple fractures of ribs, left side, subsequent encounter for fracture with nonunion
S22.42XS	Multiple fractures of ribs, left side, sequela
S22.43XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture
S22.43XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture
S22.43XD	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with routine

S22.43XG	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with delayed
S22.43XK	Multiple fractures of ribs, bilateral, subsequent encounter for fracture with nonunion
S22.43XS	Multiple fractures of ribs, bilateral, sequela
S22.49XA	Multiple fractures of ribs, unspecified side, initial encounter for closed fracture
S22.49XB	Multiple fractures of ribs, unspecified side, initial encounter for open fracture
S22.49XD	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with
S22.49XG	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with
S22.49XK	Multiple fractures of ribs, unspecified side, subsequent encounter for fracture with
S22.49XS	Multiple fractures of ribs, unspecified side, sequela
S25.00XA	Unspecified injury of thoracic aorta, initial encounter
S25.00XD	Unspecified injury of thoracic aorta, subsequent encounter
S25.00XS	Unspecified injury of thoracic aorta, sequela
S25.01XA	Minor laceration of thoracic aorta, initial encounter
S25.01XD	Minor laceration of thoracic aorta, subsequent encounter
S25.01XS	Minor laceration of thoracic aorta, sequela
S25.02XA	Major laceration of thoracic aorta, initial encounter
S25.02XD	Major laceration of thoracic aorta, subsequent encounter
S25.02XS	Major laceration of thoracic aorta, sequela
S25.09XA	Other specified injury of thoracic aorta, initial encounter
S25.09XD	Other specified injury of thoracic aorta, subsequent encounter
S25.09XS	Other specified injury of thoracic aorta, sequela
S26.00XA	Unspecified injury of heart with hemopericardium, initial encounter
S26.00XD	Unspecified injury of heart with hemopericardium, subsequent encounter
S26.00XS	Unspecified injury of heart with hemopericardium, 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
S26.10XA	Unspecified injury of heart without hemopericardium, initial encounter
S26.10XD	Unspecified injury of heart without hemopericardium, subsequent encounter
S26.10XS	Unspecified injury of heart without 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
S26.90XA	Unspecified injury of heart, unspecified with or without hemopericardium, initial
S26.90XD	Unspecified injury of heart, unspecified with or without hemopericardium, subsequent
S26.90XS	Unspecified injury of heart, unspecified with or without hemopericardium, sequela
S26.91XA	Contusion of heart, unspecified with or without hemopericardium, initial encounter
S26.91XD	Contusion of heart, unspecified with or without hemopericardium, subsequent encounter
S26.91XS	Contusion of heart, unspecified with or without hemopericardium, sequela
S26.92XA	Laceration of heart, unspecified with or without hemopericardium, initial encounter
S26.92XD	Laceration of heart, unspecified with or without hemopericardium, subsequent
S26.92XS	Laceration of heart, unspecified with or without hemopericardium, sequela
S26.99XA	Other injury of heart, unspecified with or without hemopericardium, initial encounter
S26.99XD	Other injury of heart, unspecified with or without hemopericardium, subsequent
S26.99XS	Other injury of heart, unspecified with or without hemopericardium, sequela
S27.0XXA	Traumatic pneumothorax, initial encounter
S27.0XXD	Traumatic pneumothorax, subsequent encounter
S27.0XXS	Traumatic pneumothorax, sequela
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
S27.301A	Unspecified injury of lung, unilateral, initial encounter
S27.301D	Unspecified injury of lung, unilateral, subsequent encounter
S27.301S	Unspecified injury of lung, unilateral, sequela
S27.302A	Unspecified injury of lung, bilateral, initial encounter
S27.302D	Unspecified injury of lung, bilateral, subsequent encounter
S27.302S	Unspecified injury of lung, bilateral, sequela
S27.309A	Unspecified injury of lung, unspecified, initial encounter
S27.309D	Unspecified injury of lung, unspecified, subsequent encounter
S27.309S	Unspecified injury of lung, unspecified, 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
S27.319A	Primary blast injury of lung, unspecified, initial encounter

S27.319D	Primary blast injury of lung, unspecified, subsequent encounter
S27.319S	Primary blast injury of lung, unspecified, 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
S27.329A	Contusion of lung, unspecified, initial encounter
S27.329D	Contusion of lung, unspecified, subsequent encounter
S27.329S	Contusion of lung, unspecified, 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
S27.339A	Laceration of lung, unspecified, initial encounter
S27.339D	Laceration of lung, unspecified, subsequent encounter
S27.339S	Laceration of lung, unspecified, 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
S27.399A	Other injuries of lung, unspecified, initial encounter
S27.399D	Other injuries of lung, unspecified, subsequent encounter
S27.399S	Other injuries of lung, unspecified, sequela
S27.401A	Unspecified injury of bronchus, unilateral, initial encounter
S27.401D	Unspecified injury of bronchus, unilateral, subsequent encounter
S27.401S	Unspecified injury of bronchus, unilateral, sequela
S27.402A	Unspecified injury of bronchus, bilateral, initial encounter
S27.402D	Unspecified injury of bronchus, bilateral, subsequent encounter
S27.402S	Unspecified injury of bronchus, bilateral, sequela
S27.409A	Unspecified injury of bronchus, unspecified, initial encounter
S27.409D	Unspecified injury of bronchus, unspecified, subsequent encounter
S27.409S	Unspecified injury of bronchus, unspecified, 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

S27.419A	Primary blast injury of bronchus, unspecified, initial encounter
S27.419D	Primary blast injury of bronchus, unspecified, subsequent encounter
S27.419S	Primary blast injury of bronchus, unspecified, 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
S27.429A	Contusion of bronchus, unspecified, initial encounter
S27.429D	Contusion of bronchus, unspecified, subsequent encounter
S27.429S	Contusion of bronchus, unspecified, 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
S27.439A	Laceration of bronchus, unspecified, initial encounter
S27.439D	Laceration of bronchus, unspecified, subsequent encounter
S27.439S	Laceration of bronchus, unspecified, 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
S27.499A	Other injury of bronchus, unspecified, initial encounter
S27.499D	Other injury of bronchus, unspecified, subsequent encounter
S27.499S	Other injury of bronchus, unspecified, sequela
S27.50XA	Unspecified injury of thoracic trachea, initial encounter
S27.50XD	Unspecified injury of thoracic trachea, subsequent encounter
S27.50XS	Unspecified injury of thoracic trachea, 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
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
S27.60XA	Unspecified injury of pleura, initial encounter
S27.60XD	Unspecified injury of pleura, subsequent encounter
S27.60XS	Unspecified injury of pleura, 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
S27.809A	Unspecified injury of diaphragm, initial encounter
S27.809D	Unspecified injury of diaphragm, subsequent encounter
S27.809S	Unspecified 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
S27.819A	Unspecified injury of esophagus (thoracic part), initial encounter
S27.819D	Unspecified injury of esophagus (thoracic part), subsequent encounter
S27.819S	Unspecified 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
S27.899A	Unspecified injury of other specified intrathoracic organs, initial encounter

S27.899D	Unspecified injury of other specified intrathoracic organs, subsequent encounter
S27.899S	Unspecified injury of other specified intrathoracic organs, sequela
S27.9XXA	Injury of unspecified intrathoracic organ, initial encounter
S27.9XXD	Injury of unspecified intrathoracic organ, subsequent encounter
S27.9XXS	Injury of unspecified intrathoracic organ, sequela
S28.0XXA	Crushed chest, initial encounter
S28.0XXD	Crushed chest, subsequent encounter
S28.0XXS	Crushed chest, sequela
S28.1XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter
S28.1XXD	Traumatic amputation (partial) of part of thorax, except breast, subsequent encounter
S28.1XXS	Traumatic amputation (partial) of part of thorax, except breast, sequela
S29.001A	Unspecified injury of muscle and tendon of front wall of thorax, initial encounter
S29.001D	Unspecified injury of muscle and tendon of front wall of thorax, subsequent encounter
S29.001S	Unspecified injury of muscle and tendon of front wall of thorax, sequela
S29.002A	Unspecified injury of muscle and tendon of back wall of thorax, initial encounter
S29.002D	Unspecified injury of muscle and tendon of back wall of thorax, subsequent encounter
S29.002S	Unspecified injury of muscle and tendon of back wall of thorax, sequela
S29.009A	Unspecified injury of muscle and tendon of unspecified wall of thorax, initial encounter
S29.009D	Unspecified injury of muscle and tendon of unspecified wall of thorax, subsequent
S29.009S	Unspecified injury of muscle and tendon of unspecified wall of thorax, sequela
S29.011A	Strain of muscle and tendon of front wall of thorax, initial encounter
S29.011D	Strain of muscle and tendon of front wall of thorax, subsequent encounter
S29.011S	Strain of muscle and tendon of front wall of thorax, sequela
S29.012A	Strain of muscle and tendon of back wall of thorax, initial encounter
S29.012D	Strain of muscle and tendon of back wall of thorax, subsequent encounter
S29.012S	Strain of muscle and tendon of back wall of thorax, sequela
S29.019A	Strain of muscle and tendon of unspecified wall of thorax, initial encounter
S29.019D	Strain of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.019S	Strain of muscle and tendon of unspecified wall of thorax, sequela
S29.021A	Laceration of muscle and tendon of front wall of thorax, initial encounter
S29.021D	Laceration of muscle and tendon of front wall of thorax, subsequent encounter
S29.021S	Laceration of muscle and tendon of front wall of thorax, sequela
S29.022A	Laceration of muscle and tendon of back wall of thorax, initial encounter
S29.022D	Laceration of muscle and tendon of back wall of thorax, subsequent encounter
S29.022S	Laceration of muscle and tendon of back wall of thorax, sequela
S29.029A	Laceration of muscle and tendon of unspecified wall of thorax, initial encounter
S29.029D	Laceration of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.029S	Laceration of muscle and tendon of unspecified wall of thorax, sequela
S29.091A	Other injury of muscle and tendon of front wall of thorax, initial encounter
S29.091D	Other injury of muscle and tendon of front wall of thorax, subsequent encounter
S29.091S	Other injury of muscle and tendon of front wall of thorax, sequela
S29.092A	Other injury of muscle and tendon of back wall of thorax, initial encounter
S29.092D	Other injury of muscle and tendon of back wall of thorax, subsequent encounter
S29.092S	Other injury of muscle and tendon of back wall of thorax, sequela

S29.099A	Other injury of muscle and tendon of unspecified wall of thorax, initial encounter
S29.099D	Other injury of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.099S	Other injury of muscle and tendon of unspecified wall of thorax, sequela
S29.8XXA	Other specified injuries of thorax, initial encounter
S29.8XXD	Other specified injuries of thorax, subsequent encounter
S29.8XXS	Other specified injuries of thorax, sequela
S29.9XXA	Unspecified injury of thorax, initial encounter
S29.9XXD	Unspecified injury of thorax, subsequent encounter
S29.9XXS	Unspecified injury of thorax, sequela
T81.32XA	Disruption of internal operation (surgical) wound, not elsewhere classified, initial
T81.32XD	Disruption of internal operation (surgical) wound, not elsewhere classified, subsequent
T81.32XS	Disruption of internal operation (surgical) wound, not elsewhere classified, sequela
T81.40XA	Infection following a procedure, unspecified, initial encounter
T81.40XD	Infection following a procedure, unspecified, subsequent encounter
T81.40XS	Infection following a procedure, unspecified, sequela
T81.41XA	Infection following a procedure, superficial incisional surgical site, initial encounter
T81.41XD	Infection following a procedure, superficial incisional surgical site, subsequent
T81.41XS	Infection following a procedure, superficial incisional surgical site, sequela
T81.42XA	Infection following a procedure, deep incisional surgical site, initial encounter
T81.42XD	Infection following a procedure, deep incisional surgical site, subsequent encounter
T81.42XS	Infection following a procedure, deep incisional surgical site, sequela
T81.43XA	Infection following a procedure, organ and space surgical site, initial encounter
T81.43XD	Infection following a procedure, organ and space surgical site, subsequent encounter
T81.43XS	Infection following a procedure, organ and space surgical site, sequela
T81.44XA	Sepsis following a procedure, initial encounter
T81.44XD	Sepsis following a procedure, subsequent encounter
T81.44XS	Sepsis following a procedure, sequela
T81.49XA	Infection following a procedure, other surgical site, initial encounter
T81.49XD	Infection following a procedure, other surgical site, subsequent encounter
T81.49XS	Infection following a procedure, other surgical site, sequela
T85.123A	Displacement of implanted electronic neurostimulator, generator, initial encounter
T85.123D	Displacement of implanted electronic neurostimulator, generator, subsequent encounter
T85.123S	Displacement of implanted electronic neurostimulator, generator, sequela
T85.193A	Other mechanical complication of implanted electronic neurostimulator, generator, initial
T85.193D	Other mechanical complication of implanted electronic neurostimulator, generator,
T85.193S	Other mechanical complication of implanted electronic neurostimulator, generator,
Z01.818	Encounter for other preprocedural examination
Z12.2	Encounter for screening for malignant neoplasm of respiratory organs
Z57.2	Occupational exposure to dust
Z57.31	Occupational exposure to environmental tobacco smoke
Z57.39	Occupational exposure to other air contaminants
Z57.4	Occupational exposure to toxic agents in agriculture
Z57.5	Occupational exposure to toxic agents in other industries
Z57.8	Occupational exposure to other risk factors

Z57.9	Occupational exposure to unspecified risk factor
Z77.110	Contact with and (suspected) exposure to air pollution
Z77.118	Contact with and (suspected) exposure to other environmental pollution
Z77.120	Contact with and (suspected) exposure to mold (toxic)
Z77.123	Contact with and (suspected) exposure to radon and other naturally occurring radiation
Z77.128	Contact with and (suspected) exposure to other hazards in the physical environment
Z77.22	Contact with and (suspected) exposure to environmental tobacco smoke (acute)
Z77.29	Contact with and (suspected) exposure to other hazardous substances
Z77.9	Other contact with and (suspected) exposures hazardous to health
Z80.1	Family history of malignant neoplasm of trachea, bronchus and lung
Z82.49	Family history of ischemic heart disease and other diseases of the circulatory system
Z85.110	Personal history of malignant carcinoid tumor of bronchus and lung
Z85.118	Personal history of other malignant neoplasm of bronchus and lung
Z85.20	Personal history of malignant neoplasm of unspecified respiratory organ
Z85.230	Personal history of malignant carcinoid tumor of thymus
Z85.238	Personal history of other malignant neoplasm of thymus
Z85.29	Personal history of malignant neoplasm of other respiratory and intrathoracic organs
Z85.71	Personal history of Hodgkin lymphoma
Z85.72	Personal history of non-Hodgkin lymphomas
Z85.79	Personal history of other malignant neoplasms of lymphoid, hematopoietic and related
Z85.89	Personal history of malignant neoplasm of other organs and systems
Z85.9	Personal history of malignant neoplasm, unspecified
Z86.012	Personal history of benign carcinoid tumor
Z86.018	Personal history of other benign neoplasm
Z86.03	Personal history of neoplasm of uncertain behavior
Z87.891	Personal history of nicotine dependence
Z98.890	Other specified postprocedural states

The above **medical necessity criteria MUST** be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity:

CPT Codes

CPT codes:	Code Description
71550	MRI chest, without contrast
71551	MRI chest, with contrast
71552	MRI chest, without contrast, followed by re-imaging with contrast

The following ICD Diagnosis Codes are considered medically necessary when submitted with the CPT codes above if **medical necessity criteria** are met:

ICD-10 Diagnosis Coding

ICD-10 Diagnosis code	Description
A01.03	Typhoid pneumonia
A02.22	Salmonella pneumonia

A02.9	Salmonella infection, unspecified
A06.5	Amebic lung abscess
A15.0	Tuberculosis of lung
A15.4	Tuberculosis of intrathoracic lymph nodes
A15.5	Tuberculosis of larynx, trachea and bronchus
A15.6	Tuberculous pleurisy
A15.7	Primary respiratory tuberculosis
A15.8	Other respiratory tuberculosis
A15.9	Respiratory tuberculosis unspecified
A18.84	Tuberculosis of heart
A20.2	Pneumonic plague
A21.2	Pulmonary tularemia
A22.1	Pulmonary anthrax
A24.1	Acute and fulminating melioidosis
A31.0	Pulmonary mycobacterial infection
A37.01	Whooping cough due to Bordetella pertussis with pneumonia
A37.11	Whooping cough due to Bordetella parapertussis with pneumonia
A37.81	Whooping cough due to other Bordetella species with pneumonia
A37.91	Whooping cough, unspecified species with pneumonia
A39.50	Meningococcal carditis, unspecified
A39.51	Meningococcal endocarditis
A39.52	Meningococcal myocarditis
A39.53	Meningococcal pericarditis
A40.3	Sepsis due to Streptococcus pneumoniae
A42.0	Pulmonary actinomycosis
A43.0	Pulmonary nocardiosis
A50.04	Early congenital syphilitic pneumonia
A52.72	Syphilis of lung and bronchus
A52.73	Symptomatic late syphilis of other respiratory organs
A53.9	Syphilis, unspecified
A54.84	Gonococcal pneumonia
A69.8	Other specified spirochetal infections
A70	Chlamydia psittaci infections
A78	Q fever
B01.2	Varicella pneumonia
B05.2	Measles complicated by pneumonia
B06.81	Rubella pneumonia
B20	Human immunodeficiency virus [HIV] disease
B25.0	Cytomegaloviral pneumonitis
B37.1	Pulmonary candidiasis
B37.81	Candidal esophagitis
B38.0	Acute pulmonary coccidioidomycosis
B38.1	Chronic pulmonary coccidioidomycosis

B38.2	Pulmonary coccidioidomycosis, unspecified
B38.89	Other forms of coccidioidomycosis
B38.9	Coccidioidomycosis, unspecified
B39.0	Acute pulmonary histoplasmosis capsulati
B39.1	Chronic pulmonary histoplasmosis capsulati
B39.2	Pulmonary histoplasmosis capsulati, unspecified
B39.9	Histoplasmosis, unspecified
B44.0	Invasive pulmonary aspergillosis
B44.1	Other pulmonary aspergillosis
B44.81	Allergic bronchopulmonary aspergillosis
B44.89	Other forms of aspergillosis
B44.9	Aspergillosis, unspecified
B45.0	Pulmonary cryptococcosis
B45.8	Other forms of cryptococcosis
B45.9	Cryptococcosis, unspecified
B58.3	Pulmonary toxoplasmosis
B59	Pneumocystosis
B65.9	Schistosomiasis, unspecified
B77.81	Ascariasis pneumonia
B95.3	Streptococcus pneumoniae as the cause of diseases classified elsewhere
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere
B97.4	Respiratory syncytial virus as the cause of diseases classified elsewhere
B99.8	Other infectious disease
B99.9	Unspecified infectious disease
D86.0	Sarcoidosis of lung
D86.1	Sarcoidosis of lymph nodes
D86.2	Sarcoidosis of lung with sarcoidosis of lymph nodes
D86.85	Sarcoid myocarditis
D86.89	Sarcoidosis of other sites
D86.9	Sarcoidosis, unspecified
F17.200	Nicotine dependence, unspecified, uncomplicated
F17.201	Nicotine dependence, unspecified, in remission
F17.210	Nicotine dependence, cigarettes, uncomplicated
F17.211	Nicotine dependence, cigarettes, in remission
F17.213	Nicotine dependence, cigarettes, with withdrawal
F17.218	Nicotine dependence, cigarettes, with other nicotine-induced disorders
F17.219	Nicotine dependence, cigarettes, with unspecified nicotine-induced disorders
G00.1	Pneumococcal meningitis
G13.0	Paraneoplastic neuromyopathy and neuropathy
G25.82	Stiff-man syndrome
G54.0	Brachial plexus disorders
G70.00	Myasthenia gravis without (acute) exacerbation

G70.01	Myasthenia gravis with (acute) exacerbation
G70.80	Lambert-Eaton syndrome, unspecified
G70.81	Lambert-Eaton syndrome in disease classified elsewhere
G73.1	Lambert-Eaton syndrome in neoplastic disease
G81.90	Hemiplegia, unspecified affecting unspecified side
G81.91	Hemiplegia, unspecified affecting right dominant side
G81.92	Hemiplegia, unspecified affecting left dominant side
G81.93	Hemiplegia, unspecified affecting right nondominant side
G81.94	Hemiplegia, unspecified affecting left nondominant side
G90.2	Horner's syndrome
H53.9	Unspecified visual disturbance
I00	Rheumatic fever without heart involvement
I05.0	Rheumatic mitral stenosis
I05.1	Rheumatic mitral insufficiency
I05.2	Rheumatic mitral stenosis with insufficiency
I10	Essential (primary) hypertension
I16.0	Hypertensive urgency
I16.1	Hypertensive emergency
I16.9	Hypertensive crisis, unspecified
I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris
I25.111	Atherosclerotic heart disease of native coronary artery with angina pectoris with documented spasm
I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina pectoris
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
I27.20	Pulmonary hypertension, unspecified
I27.21	Secondary pulmonary arterial hypertension
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
I30.1	Infective pericarditis
I40.0	Infective myocarditis
I42.4	Endocardial fibroelastosis
I50.1	Left ventricular failure, unspecified

I71.00	Dissection of unspecified site of aorta
I71.01	Dissection of thoracic aorta
I71.1	Thoracic aortic aneurysm, ruptured
I71.2	Thoracic aortic aneurysm, without rupture
I71.8	Aortic aneurysm of unspecified site, ruptured
I71.9	Aortic aneurysm of unspecified site, without rupture
I77.6	Arteritis, unspecified
I87.1	Compression of vein
I89.8	Other specified noninfective disorders of lymphatic vessels and lymph nodes
I95.0	Idiopathic hypotension
I95.1	Orthostatic hypotension
I95.2	Hypotension due to drugs
I95.3	Hypotension of hemodialysis
I95.81	Postprocedural hypotension
I95.89	Other hypotension
I95.9	Hypotension, unspecified
J06.9	Acute upper respiratory infection, unspecified
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.X9	Influenza due to identified novel influenza A virus with other manifestations
J12.0	Adenoviral pneumonia
J12.1	Respiratory syncytial virus pneumonia
J12.2	Parainfluenza virus pneumonia
J12.3	Human metapneumovirus pneumonia
J12.81	Pneumonia due to SARS-associated coronavirus
J12.89	Other viral pneumonia
J12.9	Viral pneumonia, unspecified
J13	Pneumonia due to Streptococcus pneumoniae
J14	Pneumonia due to Hemophilus influenzae
J15.0	Pneumonia due to Klebsiella pneumoniae
J15.1	Pneumonia due to Pseudomonas
J15.20	Pneumonia due to staphylococcus, unspecified
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
J15.5	Pneumonia due to Escherichia coli
J15.6	Pneumonia due to other Gram-negative bacteria
J15.7	Pneumonia due to Mycoplasma pneumoniae
J15.8	Pneumonia due to other specified bacteria
J15.9	Unspecified bacterial pneumonia
J16.0	Chlamydial pneumonia

J16.8	Pneumonia due to other specified infectious organisms
J17	Pneumonia in diseases classified elsewhere
J18.0	Bronchopneumonia, unspecified organism
J18.1	Lobar pneumonia, unspecified organism
J18.2	Hypostatic pneumonia, unspecified organism
J18.8	Other pneumonia, unspecified organism
J18.9	Pneumonia, unspecified organism
J22	Unspecified acute lower respiratory infection
J39.8	Other specified diseases of upper respiratory tract
J41.0	Simple chronic bronchitis
J41.1	Mucopurulent chronic bronchitis
J41.8	Mixed simple and mucopurulent chronic bronchitis
J42	Unspecified chronic bronchitis
J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]
J43.1	Panlobular emphysema
J43.2	Centrilobular emphysema
J43.9	Other emphysema
J43.9	Emphysema, unspecified
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
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
J64	Unspecified pneumoconiosis
J65	Pneumoconiosis associated with tuberculosis
J66.0	Byssinosis
J66.8	Airway disease due to other specific organic dusts
J67.0	Farmer's lung
J67.1	Bagassosis
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
J68.8	Other respiratory conditions due to chemicals, gases, fumes and vapors
J68.9	Unspecified respiratory condition 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
J70.4	Drug-induced interstitial lung disorders, unspecified
J70.5	Respiratory conditions due to smoke inhalation
J70.8	Respiratory conditions due to other specified external agents
J70.9	Respiratory conditions due to unspecified external agent
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
J84.10	Pulmonary fibrosis, unspecified
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
J84.9	Interstitial pulmonary disease, unspecified
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
J91.8	Pleural effusion in other conditions classified elsewhere
J92.0	Pleural plaque with presence of 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
J93.83	Other pneumothorax
J93.9	Pneumothorax, unspecified
J94.0	Chylous effusion
J94.1	Fibrothorax
J94.2	Hemothorax
J94.8	Other specified pleural conditions
J94.9	Pleural condition, unspecified
J95.1	Acute pulmonary insufficiency following thoracic surgery
J95.2	Acute pulmonary insufficiency following nonthoracic surgery
J95.3	Chronic pulmonary insufficiency following surgery
J95.4	Chemical pneumonitis due to anesthesia
J95.811	Postprocedural pneumothorax
J95.812	Postprocedural air leak
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J95.830	Postprocedural hemorrhage of a respiratory system organ or structure following a respiratory system procedure
J95.831	Postprocedural hemorrhage of a respiratory system organ or structure following other procedure
J95.89	Other postprocedural complications and disorders of respiratory system, not elsewhere classified
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
J98.9	Respiratory disorder, unspecified
K44.0	Diaphragmatic hernia with obstruction, without gangrene
K44.1	Diaphragmatic hernia with gangrene
K44.9	Diaphragmatic hernia without obstruction or gangrene
M05.10	Rheumatoid lung disease with rheumatoid arthritis of unspecified site
M05.111	Rheumatoid lung disease with rheumatoid arthritis of right shoulder
M05.112	Rheumatoid lung disease with rheumatoid arthritis of left shoulder
M05.119	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder
M05.121	Rheumatoid lung disease with rheumatoid arthritis of right elbow
M05.122	Rheumatoid lung disease with rheumatoid arthritis of left elbow
M05.129	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow
M05.131	Rheumatoid lung disease with rheumatoid arthritis of right wrist
M05.132	Rheumatoid lung disease with rheumatoid arthritis of left wrist
M05.139	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist
M05.141	Rheumatoid lung disease with rheumatoid arthritis of right hand
M05.142	Rheumatoid lung disease with rheumatoid arthritis of left hand
M05.149	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand
M05.151	Rheumatoid lung disease with rheumatoid arthritis of right hip
M05.152	Rheumatoid lung disease with rheumatoid arthritis of left hip
M05.159	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip
M05.161	Rheumatoid lung disease with rheumatoid arthritis of right knee
M05.162	Rheumatoid lung disease with rheumatoid arthritis of left knee
M05.169	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee
M05.171	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot
M05.172	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot
M05.179	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot
M05.19	Rheumatoid lung disease with rheumatoid arthritis of multiple sites
M31.4	Aortic arch syndrome [Takayasu]
M31.5	Giant cell arteritis with polymyalgia rheumatica
M31.6	Other giant cell arteritis
M54.9	Dorsalgia, unspecified
Q20.0	Common arterial trunk
Q20.1	Double outlet right ventricle
Q20.2	Double outlet left ventricle
Q20.3	Discordant ventriculoarterial connection
Q20.4	Double inlet ventricle
Q20.5	Discordant atrioventricular connection
Q20.6	Isomerism of atrial appendages
Q20.8	Other congenital malformations of cardiac chambers and connections
Q20.9	Congenital malformation of cardiac chambers and connections, unspecified
Q21.0	Ventricular septal defect
Q21.1	Atrial septal defect

Q21.2	Atrioventricular septal defect
Q21.3	Tetralogy of Fallot
Q21.4	Aortopulmonary septal defect
Q21.8	Other congenital malformations of cardiac septa
Q21.9	Congenital malformation of cardiac septum, unspecified
Q22.0	Pulmonary valve atresia
Q22.1	Congenital pulmonary valve stenosis
Q22.2	Congenital pulmonary valve insufficiency
Q22.3	Other congenital malformations of pulmonary valve
Q22.4	Congenital tricuspid stenosis
Q22.5	Ebstein's anomaly
Q22.6	Hypoplastic right heart syndrome
Q22.8	Other congenital malformations of tricuspid valve
Q22.9	Congenital malformation of tricuspid valve, unspecified
Q23.0	Congenital stenosis of aortic valve
Q23.1	Congenital insufficiency of aortic valve
Q23.2	Congenital mitral stenosis
Q23.3	Congenital mitral insufficiency
Q23.4	Hypoplastic left heart syndrome
Q23.8	Other congenital malformations of aortic and mitral valves
Q23.9	Congenital malformation of aortic and mitral valves, unspecified
Q24.0	Dextrocardia
Q24.1	Levocardia
Q24.2	Cor triatriatum
Q24.3	Pulmonary infundibular stenosis
Q24.4	Congenital subaortic stenosis
Q24.5	Malformation of coronary vessels
Q24.6	Congenital heart block
Q24.8	Other specified congenital malformations of heart
Q24.9	Congenital malformation of heart, unspecified
Q25.0	Patent ductus arteriosus
Q25.1	Coarctation of aorta
Q25.21	Interruption of aortic arch
Q25.29	Other atresia of aorta
Q25.3	Supravalvular aortic stenosis
Q25.40	Congenital malformation of aorta unspecified
Q25.41	Absence and aplasia of aorta
Q25.42	Hypoplasia of aorta
Q25.43	Congenital aneurysm of aorta
Q25.44	Congenital dilation of aorta
Q25.45	Double aortic arch
Q25.46	Tortuous aortic arch
Q25.47	Right aortic arch

Q25.48	Anomalous origin of subclavian artery
Q25.49	Other congenital malformations of aorta
Q25.5	Atresia of pulmonary artery
Q25.6	Stenosis of pulmonary artery
Q25.71	Coarctation of pulmonary artery
Q25.72	Congenital pulmonary arteriovenous malformation
Q25.79	Other congenital malformations of pulmonary artery
Q25.8	Other congenital malformations of other great arteries
Q25.9	Congenital malformation of great arteries, unspecified
Q26.8	Other congenital malformations of great veins
Q32.2	Congenital bronchomalacia
Q32.3	Congenital stenosis of bronchus
Q32.4	Other congenital malformations of bronchus
Q33.0	Congenital cystic lung
Q33.1	Accessory lobe of lung
Q33.2	Sequestration of lung
Q33.3	Agenesis of lung
Q33.4	Congenital bronchiectasis
Q33.5	Ectopic tissue in lung
Q33.6	Congenital hypoplasia and dysplasia of lung
Q33.8	Other congenital malformations of lung
Q33.9	Congenital malformation of lung, unspecified
Q34.0	Anomaly of pleura
Q34.1	Congenital cyst of mediastinum
Q34.8	Other specified congenital malformations of respiratory system
Q34.9	Congenital malformation of respiratory system, unspecified
Q67.6	Pectus excavatum
Q67.7	Pectus carinatum
Q67.8	Other congenital deformities of chest
Q76.6	Other congenital malformations of ribs
Q76.7	Congenital malformation of sternum
Q76.8	Other congenital malformations of bony thorax
Q76.9	Congenital malformation of bony thorax, unspecified
Q79.0	Congenital diaphragmatic hernia
Q79.1	Other congenital malformations of diaphragm
Q79.6	Ehlers-Danlos syndrome
Q79.8	Other congenital malformations of musculoskeletal system
Q87.40	Marfan's syndrome, unspecified
Q87.410	Marfan's syndrome with aortic dilation
Q87.418	Marfan's syndrome with other cardiovascular manifestations
Q87.42	Marfan's syndrome with ocular manifestations
Q87.43	Marfan's syndrome with skeletal manifestation
Q87.82	Arterial tortuosity syndrome

Q89.2	Congenital malformations of other endocrine glands
R03.1	Nonspecific low blood-pressure reading
R04.2	Hemoptysis
R05	Cough
R06.00	Dyspnea, unspecified
R06.02	Shortness of breath
R06.03	Acute respiratory distress
R06.89	Other abnormalities of breathing
R06.9	Unspecified abnormalities of breathing
R07.89	Other chest pain
R07.9	Chest pain, unspecified
R10.13	Epigastric pain
R10.84	Generalized abdominal pain
R10.9	Unspecified abdominal pain
R22.2	Localized swelling, mass and lump, trunk
R47.9	Unspecified speech disturbances
R49.0	Dysphonia
R49.1	Aphonia
R49.8	Other voice and resonance disorders
R49.9	Unspecified voice and resonance disorder
R50.9	Fever, unspecified
R53.1	Weakness
R55	Syncope and collapse
R59.0	Localized enlarged lymph nodes
R59.1	Generalized enlarged lymph nodes
R59.9	Enlarged lymph nodes, unspecified
R63.4	Abnormal weight loss
R84.9	Unspecified abnormal finding in specimens from respiratory organs and thorax
R91.1	Solitary pulmonary nodule
R91.8	Other nonspecific abnormal finding of lung field
R93.1	Abnormal findings on diagnostic imaging of heart and coronary circulation
R93.8	Abnormal findings on diagnostic imaging of other specified body structures
R94.2	Abnormal results of pulmonary function studies
S25.00XA	Unspecified injury of thoracic aorta, initial encounter
S25.00XD	Unspecified injury of thoracic aorta, subsequent encounter
S25.00XS	Unspecified injury of thoracic aorta, sequela
S25.01XA	Minor laceration of thoracic aorta, initial encounter
S25.01XD	Minor laceration of thoracic aorta, subsequent encounter
S25.01XS	Minor laceration of thoracic aorta, sequela
S25.02XA	Major laceration of thoracic aorta, initial encounter
S25.02XD	Major laceration of thoracic aorta, subsequent encounter
S25.02XS	Major laceration of thoracic aorta, sequela
S25.09XA	Other specified injury of thoracic aorta, initial encounter

S25.09XD	Other specified injury of thoracic aorta, subsequent encounter
S25.09XS	Other specified injury of thoracic aorta, sequela
S26.00XA	Unspecified injury of heart with hemopericardium, initial encounter
S26.00XD	Unspecified injury of heart with hemopericardium, subsequent encounter
S26.00XS	Unspecified injury of heart with hemopericardium, 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
S26.10XA	Unspecified injury of heart without hemopericardium, initial encounter
S26.10XD	Unspecified injury of heart without hemopericardium, subsequent encounter
S26.10XS	Unspecified injury of heart without 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
S26.90XA	Unspecified injury of heart, unspecified with or without hemopericardium, initial encounter
S26.90XD	Unspecified injury of heart, unspecified with or without hemopericardium, subsequent encounter
S26.90XS	Unspecified injury of heart, unspecified with or without hemopericardium, sequela
S26.91XA	Contusion of heart, unspecified with or without hemopericardium, initial encounter
S26.91XD	Contusion of heart, unspecified with or without hemopericardium, subsequent encounter
S26.91XS	Contusion of heart, unspecified with or without hemopericardium, sequela
S26.92XA	Laceration of heart, unspecified with or without hemopericardium, initial encounter
S26.92XD	Laceration of heart, unspecified with or without hemopericardium, subsequent encounter
S26.92XS	Laceration of heart, unspecified with or without hemopericardium, sequela
S26.99XA	Other injury of heart, unspecified with or without hemopericardium, initial encounter

S26.99XD	Other injury of heart, unspecified with or without hemopericardium, subsequent encounter
S26.99XS	Other injury of heart, unspecified with or without hemopericardium, sequela
S27.0XXA	Traumatic pneumothorax, initial encounter
S27.0XXD	Traumatic pneumothorax, subsequent encounter
S27.0XXS	Traumatic pneumothorax, sequela
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
S27.301A	Unspecified injury of lung, unilateral, initial encounter
S27.301D	Unspecified injury of lung, unilateral, subsequent encounter
S27.301S	Unspecified injury of lung, unilateral, sequela
S27.302A	Unspecified injury of lung, bilateral, initial encounter
S27.302D	Unspecified injury of lung, bilateral, subsequent encounter
S27.302S	Unspecified injury of lung, bilateral, sequela
S27.309A	Unspecified injury of lung, unspecified, initial encounter
S27.309D	Unspecified injury of lung, unspecified, subsequent encounter
S27.309S	Unspecified injury of lung, unspecified, 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
S27.319A	Primary blast injury of lung, unspecified, initial encounter
S27.319D	Primary blast injury of lung, unspecified, subsequent encounter
S27.319S	Primary blast injury of lung, unspecified, 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
S27.329A	Contusion of lung, unspecified, initial encounter
S27.329D	Contusion of lung, unspecified, subsequent encounter
S27.329S	Contusion of lung, unspecified, 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
S27.339A	Laceration of lung, unspecified, initial encounter
S27.339D	Laceration of lung, unspecified, subsequent encounter
S27.339S	Laceration of lung, unspecified, 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
S27.399A	Other injuries of lung, unspecified, initial encounter
S27.399D	Other injuries of lung, unspecified, subsequent encounter
S27.399S	Other injuries of lung, unspecified, sequela
S27.401A	Unspecified injury of bronchus, unilateral, initial encounter
S27.401D	Unspecified injury of bronchus, unilateral, subsequent encounter
S27.401S	Unspecified injury of bronchus, unilateral, sequela
S27.402A	Unspecified injury of bronchus, bilateral, initial encounter
S27.402D	Unspecified injury of bronchus, bilateral, subsequent encounter
S27.402S	Unspecified injury of bronchus, bilateral, sequela
S27.409A	Unspecified injury of bronchus, unspecified, initial encounter
S27.409D	Unspecified injury of bronchus, unspecified, subsequent encounter
S27.409S	Unspecified injury of bronchus, unspecified, 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
S27.419A	Primary blast injury of bronchus, unspecified, initial encounter
S27.419D	Primary blast injury of bronchus, unspecified, subsequent encounter
S27.419S	Primary blast injury of bronchus, unspecified, 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
S27.429A	Contusion of bronchus, unspecified, initial encounter
S27.429D	Contusion of bronchus, unspecified, subsequent encounter
S27.429S	Contusion of bronchus, unspecified, 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
S27.439A	Laceration of bronchus, unspecified, initial encounter
S27.439D	Laceration of bronchus, unspecified, subsequent encounter
S27.439S	Laceration of bronchus, unspecified, 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
S27.499A	Other injury of bronchus, unspecified, initial encounter
S27.499D	Other injury of bronchus, unspecified, subsequent encounter
S27.499S	Other injury of bronchus, unspecified, sequela
S27.50XA	Unspecified injury of thoracic trachea, initial encounter
S27.50XD	Unspecified injury of thoracic trachea, subsequent encounter
S27.50XS	Unspecified injury of thoracic trachea, 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
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
S27.60XA	Unspecified injury of pleura, initial encounter
S27.60XD	Unspecified injury of pleura, subsequent encounter
S27.60XS	Unspecified injury of pleura, 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
S27.809A	Unspecified injury of diaphragm, initial encounter
S27.809D	Unspecified injury of diaphragm, subsequent encounter
S27.809S	Unspecified 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
S27.819A	Unspecified injury of esophagus (thoracic part), initial encounter
S27.819D	Unspecified injury of esophagus (thoracic part), subsequent encounter
S27.819S	Unspecified 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
S27.899A	Unspecified injury of other specified intrathoracic organs, initial encounter
S27.899D	Unspecified injury of other specified intrathoracic organs, subsequent encounter
S27.899S	Unspecified injury of other specified intrathoracic organs, sequela
S27.9XXA	Injury of unspecified intrathoracic organ, initial encounter
S27.9XXD	Injury of unspecified intrathoracic organ, subsequent encounter
S27.9XXS	Injury of unspecified intrathoracic organ, sequela
S28.0XXA	Crushed chest, initial encounter
S28.0XXD	Crushed chest, subsequent encounter
S28.0XXS	Crushed chest, sequela
S28.1XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter
S28.1XXD	Traumatic amputation (partial) of part of thorax, except breast, subsequent encounter
S28.1XXS	Traumatic amputation (partial) of part of thorax, except breast, sequela
S29.001A	Unspecified injury of muscle and tendon of front wall of thorax, initial encounter
S29.001D	Unspecified injury of muscle and tendon of front wall of thorax, subsequent encounter

S29.001S	Unspecified injury of muscle and tendon of front wall of thorax, sequela
S29.002A	Unspecified injury of muscle and tendon of back wall of thorax, initial encounter
S29.002D	Unspecified injury of muscle and tendon of back wall of thorax, subsequent encounter
S29.002S	Unspecified injury of muscle and tendon of back wall of thorax, sequela
S29.009A	Unspecified injury of muscle and tendon of unspecified wall of thorax, initial encounter
S29.009D	Unspecified injury of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.009S	Unspecified injury of muscle and tendon of unspecified wall of thorax, sequela
S29.011A	Strain of muscle and tendon of front wall of thorax, initial encounter
S29.011D	Strain of muscle and tendon of front wall of thorax, subsequent encounter
S29.011S	Strain of muscle and tendon of front wall of thorax, sequela
S29.012A	Strain of muscle and tendon of back wall of thorax, initial encounter
S29.012D	Strain of muscle and tendon of back wall of thorax, subsequent encounter
S29.012S	Strain of muscle and tendon of back wall of thorax, sequela
S29.019A	Strain of muscle and tendon of unspecified wall of thorax, initial encounter
S29.019D	Strain of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.019S	Strain of muscle and tendon of unspecified wall of thorax, sequela
S29.021A	Laceration of muscle and tendon of front wall of thorax, initial encounter
S29.021D	Laceration of muscle and tendon of front wall of thorax, subsequent encounter
S29.021S	Laceration of muscle and tendon of front wall of thorax, sequela
S29.022A	Laceration of muscle and tendon of back wall of thorax, initial encounter
S29.022D	Laceration of muscle and tendon of back wall of thorax, subsequent encounter
S29.022S	Laceration of muscle and tendon of back wall of thorax, sequela
S29.029A	Laceration of muscle and tendon of unspecified wall of thorax, initial encounter
S29.029D	Laceration of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.029S	Laceration of muscle and tendon of unspecified wall of thorax, sequela
S29.091A	Other injury of muscle and tendon of front wall of thorax, initial encounter
S29.091D	Other injury of muscle and tendon of front wall of thorax, subsequent encounter
S29.091S	Other injury of muscle and tendon of front wall of thorax, sequela
S29.092A	Other injury of muscle and tendon of back wall of thorax, initial encounter
S29.092D	Other injury of muscle and tendon of back wall of thorax, subsequent encounter
S29.092S	Other injury of muscle and tendon of back wall of thorax, sequela
S29.099A	Other injury of muscle and tendon of unspecified wall of thorax, initial encounter
S29.099D	Other injury of muscle and tendon of unspecified wall of thorax, subsequent encounter
S29.099S	Other injury of muscle and tendon of unspecified wall of thorax, sequela
S29.8XXA	Other specified injuries of thorax, initial encounter
S29.8XXD	Other specified injuries of thorax, subsequent encounter
S29.8XXS	Other specified injuries of thorax, sequela
S29.9XXA	Unspecified injury of thorax, initial encounter
S29.9XXD	Unspecified injury of thorax, subsequent encounter
S29.9XXS	Unspecified injury of thorax, sequela
T81.32XA	Disruption of internal operation (surgical) wound, not elsewhere classified, initial encounter

T81.32XD	Disruption of internal operation (surgical) wound, not elsewhere classified, subsequent encounter
T81.32XS	Disruption of internal operation (surgical) wound, not elsewhere classified, sequela
T81.40XA	Infection following a procedure, unspecified, initial encounter
T81.40XD	Infection following a procedure, unspecified, subsequent encounter
T81.40XS	Infection following a procedure, unspecified, sequela
T81.41XA	Infection following a procedure, superficial incisional surgical site, initial encounter
T81.41XD	Infection following a procedure, superficial incisional surgical site, subsequent encounter
T81.41XS	Infection following a procedure, superficial incisional surgical site, sequela
T81.42XA	Infection following a procedure, deep incisional surgical site, initial encounter
T81.42XD	Infection following a procedure, deep incisional surgical site, subsequent encounter
T81.42XS	Infection following a procedure, deep incisional surgical site, sequela
T81.43XA	Infection following a procedure, organ and space surgical site, initial encounter
T81.43XD	Infection following a procedure, organ and space surgical site, subsequent encounter
T81.43XS	Infection following a procedure, organ and space surgical site, sequela
T81.44XA	Sepsis following a procedure, initial encounter
T81.44XD	Sepsis following a procedure, subsequent encounter
T81.44XS	Sepsis following a procedure, sequela
T81.49XA	Infection following a procedure, other surgical site, initial encounter
T81.49XD	Infection following a procedure, other surgical site, subsequent encounter
T81.49XS	Infection following a procedure, other surgical site, sequela
T85.123A	Displacement of implanted electronic neurostimulator, generator, initial encounter
T85.123D	Displacement of implanted electronic neurostimulator, generator, subsequent encounter
T85.123S	Displacement of implanted electronic neurostimulator, generator, sequela
T85.193A	Other mechanical complication of implanted electronic neurostimulator, generator, initial encounter
T85.193D	Other mechanical complication of implanted electronic neurostimulator, generator, subsequent encounter
T85.193S	Other mechanical complication of implanted electronic neurostimulator, generator, sequela
T85.615A	Breakdown (mechanical) of other nervous system device, implant or graft, initial encounter
Z01.818	Encounter for other preprocedural examination
Z82.49	Family history of ischemic heart disease and other diseases of the circulatory system
Z85.110	Personal history of malignant carcinoid tumor of bronchus and lung
Z85.118	Personal history of other malignant neoplasm of bronchus and lung
Z85.20	Personal history of malignant neoplasm of unspecified respiratory organ
Z85.230	Personal history of malignant carcinoid tumor of thymus
Z85.238	Personal history of other malignant neoplasm of thymus
Z85.29	Personal history of malignant neoplasm of other respiratory and intrathoracic organs
Z85.71	Personal history of Hodgkin lymphoma
Z85.72	Personal history of non-Hodgkin lymphomas
Z85.79	Personal history of other malignant neoplasms of lymphoid, hematopoietic and related tissues
Z85.89	Personal history of malignant neoplasm of other organs and systems

Z85.9	Personal history of malignant neoplasm, unspecified
Z98.890	Other specified postprocedural states

The above **medical necessity criteria MUST** be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity:

CPT Codes

CPT codes:	Code Description
78811	PET imaging, limited area
78812	PET imaging, skull to mid-thigh
78813	PET imaging, whole body
78814	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; limited area
78815	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; skull base to mid-thigh
78816	PET imaging, with concurrently acquired CT for attenuation correction and anatomic localization; whole body

The above **medical necessity criteria MUST** be met for the following codes to be covered for Commercial Members: Managed Care (HMO and POS), PPO, and Indemnity:

CPT Codes

CPT codes:	Code Description
77046	Magnetic resonance imaging, breast, without contrast material; unilateral
77047	Magnetic resonance imaging, breast, without contrast material; bilateral
77048	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; unilateral
77049	Magnetic resonance imaging, breast, without and with contrast material(s), including computer-aided detection (CAD real-time lesion detection, characterization and pharmacokinetic analysis), when performed; bilateral

Policy History

Date	Action
3/2019	Reformatted, redesigned and reorganized to a condition-based structure. Policy statements and covered indications remain unchanged. Effective 3/1/2019. Advanced Imaging Appropriate Use Criteria: Non-oncologic Imaging of the Chest Effective 1/1/2019.
7/2016	Original policy. New medical policy describing medically necessary indications. Effective 7/1/2016.

Information Pertaining to All Blue Cross Blue Shield Medical Policies

Click on any of the following terms to access the relevant information:

[Medical Policy Terms of Use](#)

[Managed Care Guidelines](#)

[Indemnity/PPO Guidelines](#)

[Clinical Exception Process](#)

[Medical Technology Assessment Guidelines](#)

References

Available upon request

Endnotes

¹ Based on AIM Specialty Health Clinical Appropriateness Guidelines, Advanced Imaging Appropriate Use Criteria: Non-oncologic Imaging of the Chest.