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PULMONARY • CRITICAL CARE • SLEEP

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Letter from the Editor

On October 1, 2011, the new and revised ICD-9-CM diagnostic codes will become effective. This issue covers the codes that are of interest to those in the pulmonary, critical care and sleep communities.

The ATS owes a debt of gratitude to Frank McCormack, MD, for starting a quest for more specific diagnosis coding for interstitial lung diseases (ILD), which was broadened to include children. ATS member Robin Deterding, MD and others were very active in the development of the children ILD codes. ATS members Frank McCormack (adult ILD codes) and Larry Nogee, MD (children ILD codes) presented them at the September 16, 2010 ICD-9-CM Coordination and Maintenance Committee meeting in Baltimore. Dr. McCormack further defended the adult codes at the March 10, 2011 meeting in Baltimore. ATS staff listened to the meeting by phone and heard several other presentations of interest, including a proposal for a single pulmonary nodule. ATS had talked of the need for such a code, and during the meeting, the ATS submitted a code request for a new diagnosis code for multiple pulmonary nodules. It was noted in the index under nodules, lung, multiple to report 793.19, but multiple pulmonary nodules is not listed by the code in the tabular list. Because of layout considerations, be sure to read the top of the next column to see if there is additional information related to the code at the bottom of the previous column. Remember, there are other changes described in the links that your practice may need to use. These diagnoses have been abstracted from the source documents for your use. Read this issue carefully – there are significant diagnoses changes relevant to the respiratory community.

Sincerely,

Alan L. Plummer, MD
Editor



Q&A

Diagnosis Reporting

Q. If the patient is admitted the end of September 2011 and discharged in October 2011 (the beginning of the year for 2012 ICD-9-CM codes), do I report the admitting or discharge diagnosis? For example, if the patient is admitted on September 30, and discharged on October 2 with

Lymphangioliomyomatosis, how would I code LAM?

A. Coding is based on the discharge diagnosis and in the example, it is correct to report the new code 516.4 for LAM that is effective October 1, 2011. If you have new staff, it is important to confirm that they do not report new diagnosis codes for services discharged before October 1, 2011. There are new codes for interstitial

lung diseases for both adults and children starting October 1, 2011.

Q. How do I report multiple pulmonary nodules for a patient on October 1, 2011?

A. Note the index under nodules, refers the coder to 793.19 even though multiple pulmonary nodules is not listed in the tabular section. The new code for a solitary pulmonary nodule is 793.11

ICD-9-CM CHANGES FOR PULMONARY, CRITICAL CARE & SLEEP MEDICINE

The following changes to ICD-9-CM will become effective on October 1, 2011. Note that you always need to check both the diagnoses Index and the Tabular List for selection of the appropriate codes to include on your encounter form.

Official ICD-9-CM annual code revisions are referred to as addenda and the first volume of the addenda index is available on the National Center for Health Statistics (NCHS) Web site at www.cdc.gov/nchs/data/icd9/ICD-9-CMINDEXADDENDAfy12.pdf. The tabular list of diseases addenda (volume II) can be viewed at www.cdc.gov/nchs/data/icd9/ICD-9-CM%20TABULARADDENDAfy12.pdf.

ICD-9-CM DIAGNOSIS TABULAR ADDENDA OCTOBER 1, 2011 (FY2012)

- 010** Primary tuberculous infection
 - 010.0** Primary tuberculous infection
 - Excludes: nonspecific reaction to test for tuberculosis without active tuberculosis (**795.51-795.52**)
 - positive PPD (**795.51**)
 - positive tuberculin skin test without active tuberculosis (**795.51**)

- 276** Disorders of fluid, electrolyte, and acid-base balance
 - 276.5** Volume depletion
 - Excludes: hypovolemic shock:
 - Postoperative (**998.09**)

- 348** Other conditions of brain
 - 348.8** Other conditions of brain
 - 348.82** Brain death (New Code)
 - 348.89** Other conditions of brain
 - Excludes: brain death (**348.82**)

- 415** Acute pulmonary heart disease
 - 415.1** Pulmonary embolism and infarction
 - Excludes: personal history of pulmonary embolism (**V12.55**)
 - 415.13** Saddle embolus of pulmonary artery

- 416** Chronic pulmonary heart disease
 - 416.2** Chronic pulmonary embolism
 - Excludes: personal history of pulmonary embolism (**V12.55**)

- 417** Other diseases of pulmonary circulation
 - 417.0** Arteriovenous fistula of pulmonary vessels
 - Excludes: congenital arteriovenous fistula (**747.32**)
 - 417.1** Aneurysm of pulmonary artery
 - Excludes: congenital aneurysm (**747.39**)
 - congenital arteriovenous aneurysm (**747.32**)

- 466** Acute bronchitis and bronchiolitis
 - 466.1** Acute bronchiolitis
 - Excludes: respiratory bronchiolitis interstitial lung disease (**516.34**)

- 487** Influenza
 - Excludes: influenza due to 2009 H1N1 [swine] influenza virus (**488.11-488.19**)
 - influenza due to identified (novel) 2009 H1N1 influenza virus (**488.11-488.19**)

- 488.8** Influenza due to novel influenza A
 - 488.81** Influenza due to identified novel influenza A virus with pneumonia (New Code)
 - Influenza due to animal origin influenza virus with pneumonia, any form
 - Novel influenza A:
 - bronchopneumonia
 - pneumonia
 - Use additional code to identify the type of pneumonia (**480.0-480.9, 481, 482.0-482.9, 483.0-483.8, 485**)
 - 488.82** Influenza due to identified novel influenza A virus with other respiratory manifestations (New Code)
 - Influenza due to animal origin influenza A virus with other respiratory manifestations
 - Novel influenza A:
 - laryngitis
 - pharyngitis
 - respiratory infection (acute) (upper)
 - 488.89** Influenza due to identified novel influenza A virus with other manifestations (New Code)
 - Encephalopathy due to novel influenza A
 - Influenza due to animal origin influenza virus with encephalopathy
 - Influenza due to animal origin influenza virus with involvement of gastrointestinal tract
 - Novel influenza A with involvement of gastrointestinal tract
 - Excludes: "intestinal flu" [viral gastroenteritis] (**008.8**)

- 506** Respiratory conditions due to chemical fumes and vapors

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Use additional code to identify associated respiratory conditions, such as:

acute respiratory failure (518.81)

507 Pneumonitis due to solids and liquids
Excludes: postprocedural pneumonitis (997.32)

508 Respiratory conditions due to other and unspecified external agents

Use additional code to identify associated respiratory conditions, such as:

acute respiratory failure (518.81)

508.2 Respiratory conditions due to smoke inhalation
Smoke inhalation NOS (New Code)
Excludes: smoke inhalation due to chemical fumes and vapors (506.9)

512 Pneumothorax and air leak

512.2 Postoperative air leak (New code)

512.8 Other pneumothorax and air leak

512.81 Primary spontaneous pneumothorax (New code)

512.82 Secondary spontaneous pneumothorax (New code)

Code first underlying condition, such as:

cancer metastatic to lung (197.0)

catamenial pneumothorax due to

endometriosis (617.8)

cystic fibrosis (277.02)

eosinophilic pneumonia (518.3)

lymphangiomyomatosis (516.4)

Marfan syndrome (759.82)

pneumocystis carinii pneumonia (136.3)

primary lung cancer (162.3-162.9)

spontaneous rupture of the esophagus (530.4)

512.83 Chronic pneumothorax (New code)

512.84 Other air leak (New code)

Persistent air leak

512.89 Other pneumothorax (New code)

Acute pneumothorax

Pneumothorax NOS

Spontaneous pneumothorax NOS

514 Pulmonary congestion and hypostasis

Excludes: hypostatic pneumonia due to or specified as a specific type of pneumonia - code to the type of pneumonia (480.0-480.9, 481, 482.0-482.9, 483.0-483.8, 487.0, 488.01, 488.11)

516 Other alveolar and parietoalveolar pneumonopathy

516.3 Idiopathic interstitial pneumonia

516.30 Idiopathic interstitial pneumonia, not otherwise specified (New code)

Idiopathic fibrosing alveolitis

516.31 Idiopathic pulmonary fibrosis (New code)

Cryptogenic fibrosing alveolitis

516.32 Idiopathic non-specific interstitial pneumonitis (New code)

Excludes: non-specific interstitial pneumonia NOS, or due to known underlying cause (516.8)

516.33 Acute interstitial pneumonitis (New code)

Hamman Rich syndrome

Excludes: pneumocystis pneumonia (136.3)

516.34 Respiratory bronchiolitis interstitial lung disease (New code)

516.35 Idiopathic lymphoid interstitial pneumonia (New code)

Idiopathic lymphocytic interstitial pneumonitis

Excludes: lymphoid interstitial pneumonia NOS, or due to known underlying cause (516.8)

pneumocystis pneumonia (136.3)

516.36 Cryptogenic organizing pneumonia (New code)

Excludes: organizing pneumonia NOS, or due to known underlying cause (516.8)

516.37 Desquamative interstitial pneumonia (New code)

516.4 Lymphangiomyomatosis (LAM) (New code)

Lymphangiomyomatosis

516.5 Adult pulmonary Langerhans cell histiocytosis (New code)

Adult PLCH

516.6 Interstitial lung diseases of childhood

516.61 Neuroendocrine cell hyperplasia of infancy (New code)

516.62 Pulmonary interstitial glycogenosis (New code)

516.63 Surfactant mutations of the lung (New code)

516.64 Alveolar capillary dysplasia with vein misalignment (New code)

516.69 Other interstitial lung diseases of childhood (New code)

516.8 Other specified alveolar and parietoalveolar pneumonopathies

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Interstitial pneumonia
 Lymphoid interstitial pneumonia due to known underlying cause
 Lymphoid interstitial pneumonia NOS
 Non-specific interstitial pneumonia due to known underlying cause
 Non-specific interstitial pneumonia NOS
 Organizing pneumonia due to known underlying cause
 Organizing pneumonia NOS

Code first, if applicable, underlying cause of pneumonopathy, if known

Use additional E code, if applicable, for drug-induced or toxic pneumonopathy

Excludes: cryptogenic organizing pneumonia (516.36)
 idiopathic lymphoid interstitial pneumonia (516.35)
 idiopathic non-specific interstitial pneumonitis (516.32)

518 Other diseases of lung

518.3 Pulmonary eosinophilia

Excludes: pulmonary infiltrate NOS (793.19)

518.5 Pulmonary insufficiency following trauma and surgery

518.51 Acute respiratory failure following trauma and surgery (New code)
 Respiratory failure, not otherwise specified, following trauma and surgery

Excludes: acute respiratory failure in other conditions (518.81)

518.52 Other pulmonary insufficiency, not elsewhere classified, following trauma and surgery (New code)

Adult respiratory distress syndrome
 Pulmonary insufficiency following surgery
 Pulmonary insufficiency following trauma
 Shock lung related to trauma and surgery

Excludes: adult respiratory distress syndrome associated with other conditions (518.82)
 aspiration pneumonia (507.0)
 hypostatic pneumonia (514)
 shock lung, not related to trauma or surgery (518.82)

518.53 Acute and chronic respiratory failure following trauma and surgery (New code)

Excludes: acute and chronic respiratory failure in other conditions (518.84)

518.8 Other diseases of lung

518.81 Acute respiratory failure

Excludes: acute respiratory failure following trauma and surgery (518.51)

518.82 Other pulmonary insufficiency, not elsewhere classified

Excludes: acute interstitial pneumonitis (516.33)

adult respiratory distress syndrome associated with trauma or surgery (518.52)

pulmonary insufficiency following trauma or surgery (518.52)

518.84 Acute and chronic respiratory failure

Excludes: acute and chronic respiratory failure following trauma or surgery (518.53)

573 Other disorders of liver

573.5 Hepatopulmonary syndrome (New code)

Code first underlying liver disease, such as:

alcoholic cirrhosis of liver (571.2)

cirrhosis of liver without mention of alcohol (571.5)

747 Other congenital anomalies of circulatory system

747.3 Anomalies of pulmonary artery

747.31 Pulmonary artery coarctation and atresia (New code)

Agenesis of pulmonary artery

Atresia of pulmonary artery

Coarctation of pulmonary artery

Hypoplasia of pulmonary artery

Stenosis of pulmonary artery

747.32 Pulmonary arteriovenous malformation (New code)

Pulmonary arteriovenous aneurysm

Excludes: acquired pulmonary arteriovenous fistula (417.0)

747.39 Other anomalies of pulmonary artery and pulmonary circulation (New code)

Anomaly of pulmonary artery

780 General symptoms

780.9 Other general symptoms

780.93 Memory loss

Excludes: mild memory disturbance due to organic brain damage (310.89)

785 Symptoms involving cardiovascular system

785.5 Shock without mention of trauma

785.52 Septic shock

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- Code first underlying infection
Use additional code, if applicable, to identify systemic inflammatory response syndrome due to infectious process with organ dysfunction (**995.92**)
- 785.59** Other
Excludes: shock (due to):
 anaphylactic (**995.0**)
 due to serum (**999.41-999.49**)
 postoperative (**998.00-998.09**)
- 786** Symptoms involving respiratory system and other chest symptoms
- 786.0** Dyspnea and respiratory abnormalities
786.09 Other
Excludes: respiratory distress:
 following trauma and surgery (**518.52**)
 syndrome (newborn) (**769**)
 adult (**518.52**)
- 793** Nonspecific (abnormal) findings on radiological and other examination of body structure
- 793.1** Lung field
- 793.11** Solitary pulmonary nodule (New code)
Coin lesion lung
Solitary pulmonary nodule, subsegmental branch of the bronchial tree
- 793.19** Other nonspecific abnormal finding of lung field (New code)
Pulmonary infiltrate NOS
Shadow, lung
Multiple pulmonary nodules (see Index) (added by editor)
- 795** Other and nonspecific abnormal cytological, histological, immunological and DNA test findings
- 795.5** Nonspecific reaction to test for tuberculosis
- 795.51** Nonspecific reaction to tuberculin skin test without active tuberculosis (New code)
Abnormal result of Mantoux test
PPD positive
Tuberculin (skin test) positive
Tuberculin (skin test) reactor
Excludes: nonspecific reaction to cell mediated immunity measurement of gamma interferon antigen response without active tuberculosis (**795.52**)
- 795.52** Nonspecific reaction to cell mediated immunity (New code)
measurement of gamma interferon antigen
- response without active tuberculosis
Nonspecific reaction to QuantiFERON-TB test (QFT) without active tuberculosis
Excludes: nonspecific reaction to tuberculin skin test without active tuberculosis (**795.51**)
positive tuberculin skin test (**795.51**)
- 997.3** Respiratory complications
Excludes: specified complications classified elsewhere, such as:
adult respiratory distress syndrome (**518.52**)
respiratory insufficiency, acute, postoperative (**518.52**)
shock lung related to trauma and surgery (**518.52**)
- 997.32** Postprocedural aspiration pneumonia (New code)
Chemical pneumonitis resulting from a procedure
Mendelson's syndrome resulting from a procedure
Excludes: aspiration pneumonia during labor and delivery (**668.0**)
- 997.39** Other respiratory complications
- 998** Other complications of procedures, NEC
- 998.0** Postoperative shock
Shock during or resulting from a surgical procedure
Excludes: shock:
 anaphylactic due to serum (**999.41-999.49**)
- 998.00** Postoperative shock, unspecified (New code)
Collapse, not otherwise specified, during or resulting from a surgical procedure
Failure of peripheral circulation, postoperative
- 998.01** Postoperative shock, cardiogenic (New code)
- 998.02** Postoperative shock, septic (New code)
Postoperative endotoxic shock
Postoperative gram-negative shock
Code first underlying infection
Use additional code, to identify severe sepsis (**995.92**) and any associated acute organ dysfunction, if applicable
- 998.09** Postoperative shock, other (New code)
Postoperative hypovolemic shock
- 999** Complications of medical care, not elsewhere classified

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- 999.3** Other infection
 - 999.31** Other and unspecified infection due to central venous catheter
 - Central line-associated infection
 - Infection due to:
 - central venous catheter NOS
 - peripherally inserted central catheter (PICC)
 - triple lumen catheter
 - 999.32** Bloodstream infection due to central venous catheter (New code)
 - Bloodstream infection due to:
 - Hickman catheter
 - peripherally inserted central catheter (PICC)
 - portacath (port-a-cath)
 - triple lumen catheter
 - umbilical venous catheter
 - Catheter-related bloodstream infection (CRBSI) NOS
 - Central line-associated bloodstream infection (CLABSI)
 - 999.33** Local infection due to central venous catheter (New code)
 - Exit or insertion site infection
 - Local infection due to:
 - Hickman catheter
 - peripherally inserted central catheter (PICC)
 - portacath (port-a-cath)
 - triple lumen catheter
 - umbilical venous catheter
 - Port or reservoir infection
 - Tunnel infection
 - 999.34** Acute infection following transfusion, infusion, or injection of blood and blood products (New code)
- 999.4** Anaphylactic reaction due to serum
 - Allergic shock
 - Anaphylactic reaction due to serum
 - Anaphylactoid reaction due to serum
 - Anaphylaxis

Excludes: ABO incompatibility reaction due to transfusion of blood or blood products (**999.60-999.69**)

reaction:

 - allergic NOS (**995.0**)
 - anaphylactic:
 - NOS (**995.0**)
 - due to drugs and chemicals (**995.0**)

- other serum (**999.51-999.59**)
- 999.41** Anaphylactic reaction due to administration of blood and blood products (New code)
- 999.42** Anaphylactic reaction due to vaccination (New code)
- 999.49** Anaphylactic reaction due to other serum (New code)
- 999.5** Other serum reaction
 - 999.51** Other serum reaction due to administration of blood and blood products (New code)
 - 999.52** Other serum reaction due to vaccination (New code)
 - 999.59** Other serum reaction (New code)

SUPPLEMENTARY CLASSIFICATION OF FACTORS INFLUENCING HEALTH STATUS AND CONTACT WITH HEALTH SERVICES (V01-V91)

- V12** Personal history of certain other diseases
 - V12.5** Diseases of circulatory system
 - Excludes: history of anaphylactic shock (**V13.81**)
 - V12.51** Venous thrombosis and embolism
 - Excludes: pulmonary embolism (**V12.55**)
 - V12.55** Pulmonary embolism (New code)
- V13** Personal history of other diseases
 - V13.8** Other specified diseases
 - V13.81** Anaphylaxis (New code)
 - V13.89** Other specified diseases (New code)

ICD-9-CM INDEX for October 1, 2011 (new are underlined and bold)

- Abnormal, abnormality, abnormalities - see also Anomaly
- lung shadow **793.19**
- Mantoux test **795.51**
- pulmonary
 - artery **747.39**
 - radiological examination **793.99**
 - lung (field) **793.19**
- Absence (organ or part) (complete or partial)
 - artery (congenital) (peripheral) NEC (see also Anomaly, peripheral vascular system) **747.60**
 - pulmonary **747.31**
 - pulmonary
 - artery **747.31**
 - trunk **747.31**
- Air leak (lung) (pulmonary) (thorax) **512.84**
- persistent 512.84**

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postoperative **512.2**
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 anaphylactic **reaction or shock 995.0**
 due to food - see Anaphylactic **reaction or shock**, due to, food
 angioedema 995.1
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 anaphylactic **reaction or shock 999.49**
 shock (anaphylactic) (due to adverse effect of correct medicinal substance properly administered) **995.0**
 food - see Anaphylactic **reaction or shock**, due to, food
 from
 administration of blood and blood products 999.41
 immunization 999.42
 serum NEC **999.49**
 Alveolar capillary block syndrome **516.64**
 Alveolitis
 fibrosing (chronic) (cryptogenic) (lung) **516.31**
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 Anaphylactic **reaction or shock** (correct substance properly administered) **995.0**
 due to
 administration of blood and blood products 999.41
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 drug or medicinal substance
 correct substance properly administered 995.0
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 immunization **999.42**
 serum **NEC 999.49**
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 Collapse **780.2**
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 Communication
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between
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 Complications
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 due to (presence of) any device, implant or graft
 classified to **996.0-996.5 NEC 996.60**
 catheter NEC **996.69**
 central venous **999.31**
 bloodstream 999.32
 localized 999.33
 Hickman **999.31**
 bloodstream 999.32
 localized 999.33
 peripherally inserted central (PICC) **999.31**
 bloodstream 999.32
 localized 999.33
 portacath (port-a-cath) **999.31**
 bloodstream 999.32
 localized 999.33
 triple lumen **999.31**
 bloodstream 999.32
 localized 999.33
 umbilical venous **999.31**
 bloodstream 999.32
 localized 999.33
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 bloodstream 999.32
 localized 999.33
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 surgical procedures **998.09**
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 Converter, tuberculosis (test reaction) **795.51**
 Death
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Disorder
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smoke inhalation 508.2

Distress
 respiratory **786.09**
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Drowned, drowning (near) **994.1**
 lung **518.52**

Embolism **444.9**
 pulmonary (acute) (artery) (vein) **415.19**
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 personal history of **V12.55**
 saddle
pulmonary artery 415.13

Failure, failed
 circulation, circulatory **799.89**
 peripheral **785.50**
postoperative 998.00
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 acute **518.81**
following trauma and surgery 518.51
 acute and chronic **518.84**
following trauma and surgery 518.53
following trauma, *and* surgery or shock **518.51**

Fibrosis, fibrotic
 alveolar (diffuse) **516.31**
 lung (atrophic) (capillary) (chronic) (confluent) (massive)
 (perialveolar) (peribronchial) **515**
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idiopathic 516.31
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 (laboratory test) **796.4**
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coin lesion 793.11
PPD 795.51
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 (x-ray) NEC **793.99**
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Glycogenosis (see also Disease, glycogen storage) **271.0**
pulmonary interstitial 516.62

Hamman-Rich syndrome (diffuse interstitial pulmonary
 fibrosis) **516.33**

History (personal) of
 anaphylactic *reaction or* shock **V13.81**
anaphylaxis V13.81
 disease (of) **V13.9**
 specified site NEC **V13.89**
 embolism **V12.51**
pulmonary V12.55

Hypertension, hypertensive, Unspecified
 pulmonary (artery) (secondary) **416.8**
 with
cor pulmonale (chronic) 416.8
acute 415.0
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acute 415.0

Hypoplasia, hypoplasia **759.89**
angiolymphoid, with eosinophilia (ALHE) 228.01
 artery (congenital) (peripheral) **747.60**
 pulmonary **747.31**
 pulmonary **748.5**
 arteriovenous **747.32**
 artery **747.31**

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 surgical shock **998.09**

Infection, infected, infective (opportunistic) **136.9**
 with
central line-associated (CLABSI) 999.32
due to central venous catheter 999.32
central line-associated 999.31
bloodstream 999.32
 due to or resulting from
 central venous catheter (*see also Complications, due to,*
catheter, central venous) **999.31**
bloodstream 999.32
localized 999.33
 injection, inoculation, infusion, transfusion, or vaccination
 (prophylactic) (therapeutic) **999.39**
blood and blood products
acute 999.34

Infiltrate, infiltration
 lung (see also Infiltrate, pulmonary) **793.19**
 x-ray finding only **793.19**
 pulmonary **793.19**
 with
 x-ray finding only **793.19**

Influenza, influenzal **487.1**
 due to identified

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animal origin influenza virus - see Influenza, due to identified, novel influenza A virus
(novel) 2009 H1N1 influenza virus 488.12
novel influenza A virus 488.82
with
encephalopathy 488.89
involvement of gastrointestinal tract 488.89
laryngitis 488.82
manifestations NEC 488.89
respiratory (acute) (upper) 488.82
pharyngitis 488.82
pneumonia 488.81

Inhalation
 smoke **508.2**

Injury **959.9**
 internal **869.0**
 lung **861.20**
aspiration 507.0

Insufficiency, insufficient
 lung (acute) (see also Insufficiency, pulmonary) **518.82**
 following trauma **and** surgery **518.52**
 pulmonary (acute) **518.82**
 following
 shock **518.52**
 surgery **518.52**
 trauma **518.52**
 respiratory **786.09**
 acute **518.82**
 following **trauma and** surgery **518.52**

Lesion(s)
 coin, lung **793.11**
 lung **518.89**

Lymphangioliomyomatosis (LAM) 516.4
 Lymphangiomyomatosis **516.4**

Nodule(s), nodular
 lung
solitary 793.11
pulmonary, solitary (subsegmental branch of the bronchial tree) 793.11
multiple 793.19

Pneumonia (acute) (Alpenstich) (benign) (bilateral) (brain) (cerebral) (circumscribed) (congestive) (creeping) (delayed resolution) (double) (epidemic) (fever) (flash) (fulminant) (fungoid) (granulomatous) (hemorrhagic) (incipient) (infantile) (infectious) (infiltration) (insular) (intermittent) (latent) (lobe) (migratory) (newborn) (organized) (overwhelming) (primary) (progressive) (pseudolobar) (purulent) (resolved) (secondary) (senile) (septic) (suppurative) (terminal) (true) (unresolved) (vesicular) **486**
 with influenza, flu, or grippe **487.0**

due to
 identified (virus)
(novel) 2009 H1N1 488.11
novel influenza A 488.81
 broncho-, bronchial (confluent) (croupous) (diffuse) (disseminated) (hemorrhagic) (involving lobes) (lobar) (terminal) **485**
 with influenza **487.0**
 due to
 identified (virus)
(novel) 2009 H1N1 488.11
novel influenza A 488.81
 cryptogenic organizing **516.36**
 desquamative interstitial **516.37**
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