Patient Safety Indicator 06 (PSI 06) Iatrogenic Pneumothorax Rate
July 2020
Hospital-Level Indicator
Type of Score: Rate

Prepared by:

Agency for Healthcare Research and Quality

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DESCRIPTION

Iatrogenic pneumothorax cases (secondary diagnosis) per 1,000 surgical and medical discharges for patients ages 18 years and older. Excludes cases with chest trauma, pleural effusion, thoracic surgery, lung or pleural biopsy, diaphragmatic repair, or cardiac procedures; cases with a principal diagnosis of iatrogenic pneumothorax; cases with a secondary diagnosis of iatrogenic pneumothorax present on admission; and obstetric cases.

[NOTE: The software provides the rate per hospital discharge. However, common practice reports the measure as per 1,000 discharges. The user must multiply the rate obtained from the software by 1,000 to report events per 1,000 hospital discharges.]

NUMERATOR

Discharges, among cases meeting the inclusion and exclusion rules for the denominator, with any secondary ICD-10-CM diagnosis codes for iatrogenic pneumothorax (***IATROID*** *).

DENOMINATOR

Surgical (***Appendix E: SURGI2R***) and medical discharges (***Appendix C: MEDIC2R***) for patients ages 18 years and older. Surgical and medical discharges are defined by specific MS-DRG codes.

Appendix C - Medical Discharge MS-DRGs

Appendix E - Surgical Discharge MS-DRGs

DENOMINATOR EXCLUSIONS

Exclude cases:

- with a principal ICD-10-CM diagnosis code (or secondary diagnosis present on admission) for iatrogenic pneumothorax (***IATROID*** *)
- with any listed ICD-10-CM diagnosis codes for specified chest trauma (rib fractures, traumatic pneumothorax and related chest wall injuries) (***CTRAUMD*** *)
- with any listed ICD-10-CM diagnosis codes for pleural effusion (***PLEURAD*** *)
- with any listed ICD-10-PCS procedure codes for thoracic surgery (***THORAIP*** *)
- with any listed ICD-10-PCS procedure codes for cardiac procedure (***CARDSIP*** *)
- MDC 14 (pregnancy, childbirth, and puerperium)
- with an ungroupable DRG (DRG=999)
- with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)

* See below for code list

Iatrogenic pneumothorax diagnosis codes: (IATROID)

J95811	Postprocedural pneumothorax

Chest trauma diagnosis codes: (CTRAUMD)

S21101A	Unspecified open wound of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21102A	Unspecified open wound of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21109A	Unspecified open wound of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S21111A	Laceration without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21112A	Laceration without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21119A	Laceration without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S21121A	Laceration with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21122A	Laceration with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21129A	Laceration with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S21131A	Puncture wound without foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21132A	Puncture wound without foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21139A	Puncture wound without foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S25129A	Major laceration of unspecified innominate or subclavian artery, initial encounter
S25191A	Other specified injury of right innominate or subclavian artery, initial encounter
S25192A	Other specified injury of left innominate or subclavian artery, initial encounter
S25199A	Other specified injury of unspecified innominate or subclavian artery, initial encounter
S2520XA	Unspecified injury of superior vena cava, initial encounter
S2521XA	Minor laceration of superior vena cava, initial encounter
S2522XA	Major laceration of superior vena cava, initial encounter
S2529XA	Other specified injury of superior vena cava, initial encounter
S25301A	Unspecified injury of right innominate or subclavian vein, initial encounter
S25302A	Unspecified injury of left innominate or subclavian vein, initial encounter
S25309A	Unspecified injury of unspecified innominate or subclavian vein, initial encounter
S25311A	Minor laceration of right innominate or subclavian vein, initial encounter

S21141A	Puncture wound with foreign body of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21142A	Puncture wound with foreign body of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21149A	Puncture wound with foreign body of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S21151A	Open bite of right front wall of thorax without penetration into thoracic cavity, initial encounter
S21152A	Open bite of left front wall of thorax without penetration into thoracic cavity, initial encounter
S21159A	Open bite of unspecified front wall of thorax without penetration into thoracic cavity, initial encounter
S21201A	Unspecified open wound of right back wall of thorax without penetration into thoracic cavity, initial encounter
S21202A	Unspecified open wound of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21209A	Unspecified open wound of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21211A	Laceration without foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter
S21212A	Laceration without foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21219A	Laceration without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21221A	Laceration with foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter
S25312A	Minor laceration of left innominate or subclavian vein, initial encounter
S25319A	Minor laceration of unspecified innominate or subclavian vein, initial encounter
S25321A	Major laceration of right innominate or subclavian vein, initial encounter
S25322A	Major laceration of left innominate or subclavian vein, initial encounter
S25329A	Major laceration of unspecified innominate or subclavian vein, initial encounter
S25391A	Other specified injury of right innominate or subclavian vein, initial encounter
S25392A	Other specified injury of left innominate or subclavian vein, initial encounter
S25399A	Other specified injury of unspecified innominate or subclavian vein, initial encounter
S25401A	Unspecified injury of right pulmonary blood vessels, initial encounter
S25402A	Unspecified injury of left pulmonary blood vessels, initial encounter
S25409A	Unspecified injury of unspecified pulmonary blood vessels, initial encounter
S25411A	Minor laceration of right pulmonary blood vessels, initial encounter
S25412A	Minor laceration of left pulmonary blood vessels, initial encounter

S21222A	Laceration with foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21229A	Laceration with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21231A	Puncture wound without foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter
S21232A	Puncture wound without foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21239A	Puncture wound without foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21241A	Puncture wound with foreign body of right back wall of thorax without penetration into thoracic cavity, initial encounter
S21242A	Puncture wound with foreign body of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21249A	Puncture wound with foreign body of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21251A	Open bite of right back wall of thorax without penetration into thoracic cavity, initial encounter
S21252A	Open bite of left back wall of thorax without penetration into thoracic cavity, initial encounter
S21259A	Open bite of unspecified back wall of thorax without penetration into thoracic cavity, initial encounter
S21301A	Unspecified open wound of right front wall of thorax with penetration into thoracic cavity, initial encounter
S25419A	Minor laceration of unspecified pulmonary blood vessels, initial encounter
S25421A	Major laceration of right pulmonary blood vessels, initial encounter
S25422A	Major laceration of left pulmonary blood vessels, initial encounter
S25429A	Major laceration of unspecified pulmonary blood vessels, initial encounter
S25491A	Other specified injury of right pulmonary blood vessels, initial encounter
S25492A	Other specified injury of left pulmonary blood vessels, initial encounter
S25499A	Other specified injury of unspecified pulmonary blood vessels, initial encounter
S25501A	Unspecified injury of intercostal blood vessels, right side, initial encounter
S25502A	Unspecified injury of intercostal blood vessels, left side, initial encounter
S25509A	Unspecified injury of intercostal blood vessels, unspecified side, initial encounter
S25511A	Laceration of intercostal blood vessels, right side, initial encounter
S25512A	Laceration of intercostal blood vessels, left side, initial encounter

S21302A	Unspecified open wound of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21309A	Unspecified open wound of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21311A	Laceration without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21312A	Laceration without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21319A	Laceration without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21321A	Laceration with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21322A	Laceration with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21329A	Laceration with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21331A	Puncture wound without foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21332A	Puncture wound without foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21339A	Puncture wound without foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21341A	Puncture wound with foreign body of right front wall of thorax with penetration into thoracic cavity, initial encounter
S25519A	Laceration of intercostal blood vessels, unspecified side, initial encounter
S25591A	Other specified injury of intercostal blood vessels, right side, initial encounter
S25592A	Other specified injury of intercostal blood vessels, left side, initial encounter
S25599A	Other specified injury of intercostal blood vessels, unspecified side, initial encounter
S25801A	Unspecified injury of other blood vessels of thorax, right side, initial encounter
S25802A	Unspecified injury of other blood vessels of thorax, left side, initial encounter
S25809A	Unspecified injury of other blood vessels of thorax, unspecified side, initial encounter
S25811A	Laceration of other blood vessels of thorax, right side, initial encounter
S25812A	Laceration of other blood vessels of thorax, left side, initial encounter
S25819A	Laceration of other blood vessels of thorax, unspecified side, initial encounter
S25891A	Other specified injury of other blood vessels of thorax, right side, initial encounter
S25892A	Other specified injury of other blood vessels of thorax, left side, initial encounter

S21342A	Puncture wound with foreign body of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21349A	Puncture wound with foreign body of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21351A	Open bite of right front wall of thorax with penetration into thoracic cavity, initial encounter
S21352A	Open bite of left front wall of thorax with penetration into thoracic cavity, initial encounter
S21359A	Open bite of unspecified front wall of thorax with penetration into thoracic cavity, initial encounter
S21401A	Unspecified open wound of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21402A	Unspecified open wound of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21409A	Unspecified open wound of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S21411A	Laceration without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21412A	Laceration without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21419A	Laceration without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S21421A	Laceration with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21422A	Laceration with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S25899A	Other specified injury of other blood vessels of thorax, unspecified side, initial encounter
S2590XA	Unspecified injury of unspecified blood vessel of thorax, initial encounter
S2591XA	Laceration of unspecified blood vessel of thorax, initial encounter
S2599XA	Other specified injury of unspecified blood vessel of thorax, initial encounter
S2600XA	Unspecified injury of heart with hemopericardium, initial encounter
S26020A	Mild laceration of heart with hemopericardium, initial encounter
S26021A	Moderate laceration of heart with hemopericardium, initial encounter
S26022A	Major laceration of heart with hemopericardium, initial encounter
S2609XA	Other injury of heart with hemopericardium, initial encounter
S2610XA	Unspecified injury of heart without hemopericardium, initial encounter
S2612XA	Laceration of heart without hemopericardium, initial encounter
S2692XA	Laceration of heart, unspecified with or without hemopericardium, initial encounter
S270XXA	Traumatic pneumothorax, initial encounter

S21429A	Laceration with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S21431A	Puncture wound without foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21432A	Puncture wound without foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21439A	Puncture wound without foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S21441A	Puncture wound with foreign body of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21442A	Puncture wound with foreign body of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21449A	Puncture wound with foreign body of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S21451A	Open bite of right back wall of thorax with penetration into thoracic cavity, initial encounter
S21452A	Open bite of left back wall of thorax with penetration into thoracic cavity, initial encounter
S21459A	Open bite of unspecified back wall of thorax with penetration into thoracic cavity, initial encounter
S2190XA	Unspecified open wound of unspecified part of thorax, initial encounter
S2191XA	Laceration without foreign body of unspecified part of thorax, initial encounter
S271XXA	Traumatic hemothorax, initial encounter
S272XXA	Traumatic hemopneumothorax, initial encounter
S27301A	Unspecified injury of lung, unilateral, initial encounter
S27302A	Unspecified injury of lung, bilateral, initial encounter
S27309A	Unspecified injury of lung, unspecified, initial encounter
S27311A	Primary blast injury of lung, unilateral, initial encounter
S27312A	Primary blast injury of lung, bilateral, initial encounter
S27319A	Primary blast injury of lung, unspecified, initial encounter
S27321A	Contusion of lung, unilateral, initial encounter
S27322A	Contusion of lung, bilateral, initial encounter
S27329A	Contusion of lung, unspecified, initial encounter
S27331A	Laceration of lung, unilateral, initial encounter

S2192XA	Laceration with foreign body of unspecified part of thorax, initial encounter
S2193XA	Puncture wound without foreign body of unspecified part of thorax, initial encounter
S2194XA	Puncture wound with foreign body of unspecified part of thorax, initial encounter
S2195XA	Open bite of unspecified part of thorax, initial encounter
S2220XB	Unspecified fracture of sternum, initial encounter for open fracture
S2221XB	Fracture of manubrium, initial encounter for open fracture
S2222XB	Fracture of body of sternum, initial encounter for open fracture
S2223XB	Sternal manubrial dissociation, initial encounter for open fracture
S2224XB	Fracture of xiphoid process, initial encounter for open fracture
S2231XA	Fracture of one rib, right side, initial encounter for closed fracture
S2231XB	Fracture of one rib, right side, initial encounter for open fracture
S2232XA	Fracture of one rib, left side, initial encounter for closed fracture
S2232XB	Fracture of one rib, left side, initial encounter for open fracture
S2239XA	Fracture of one rib, unspecified side, initial encounter for closed fracture
S2239XB	Fracture of one rib, unspecified side, initial encounter for open fracture
S2241XA	Multiple fractures of ribs, right side, initial encounter for closed fracture
S2241XB	Multiple fractures of ribs, right side, initial encounter for open fracture
S2242XA	Multiple fractures of ribs, left side, initial encounter for closed fracture
S2242XB	Multiple fractures of ribs, left side, initial encounter for open fracture
S2243XA	Multiple fractures of ribs, bilateral, initial encounter for closed fracture
S2243XB	Multiple fractures of ribs, bilateral, initial encounter for open fracture
S27332A	Laceration of lung, bilateral, initial encounter
S27339A	Laceration of lung, unspecified, initial encounter
S27391A	Other injuries of lung, unilateral, initial encounter
S27392A	Other injuries of lung, bilateral, initial encounter
S27399A	Other injuries of lung, unspecified, initial encounter
S27401A	Unspecified injury of bronchus, unilateral, initial encounter
S27402A	Unspecified injury of bronchus, bilateral, initial encounter
S27409A	Unspecified injury of bronchus, unspecified, initial encounter
S27411A	Primary blast injury of bronchus, unilateral, initial encounter
S27412A	Primary blast injury of bronchus, bilateral, initial encounter
S27419A	Primary blast injury of bronchus, unspecified, initial encounter
S27421A	Contusion of bronchus, unilateral, initial encounter
S27422A	Contusion of bronchus, bilateral, initial encounter
S27429A	Contusion of bronchus, unspecified, initial encounter
S27431A	Laceration of bronchus, unilateral, initial encounter
S27432A	Laceration of bronchus, bilateral, initial encounter
S27439A	Laceration of bronchus, unspecified, initial encounter
S27491A	Other injury of bronchus, unilateral, initial encounter
S27492A	Other injury of bronchus, bilateral, initial encounter
S27499A	Other injury of bronchus, unspecified, initial encounter
S2750XA	Unspecified injury of thoracic trachea, initial encounter

S2249XA	Multiple fractures of ribs, unspecified side, initial encounter for closed fracture
S2249XB	Multiple fractures of ribs, unspecified side, initial encounter for open fracture
S225XXA	Flail chest, initial encounter for closed fracture
S225XXB	Flail chest, initial encounter for open fracture
S229XXA	Fracture of bony thorax, part unspecified, initial encounter for closed fracture
S229XXB	Fracture of bony thorax, part unspecified, initial encounter for open fracture
S2501XA	Minor laceration of thoracic aorta, initial encounter
S2502XA	Major laceration of thoracic aorta, initial encounter
S25101A	Unspecified injury of right innominate or subclavian artery, initial encounter
S25102A	Unspecified injury of left innominate or subclavian artery, initial encounter
S25109A	Unspecified injury of unspecified innominate or subclavian artery, initial encounter
S25111A	Minor laceration of right innominate or subclavian artery, initial encounter
S25112A	Minor laceration of left innominate or subclavian artery, initial encounter
S25119A	Minor laceration of unspecified innominate or subclavian artery, initial encounter
S25121A	Major laceration of right innominate or subclavian artery, initial encounter
S25122A	Major laceration of left innominate or subclavian artery, initial encounter
S2751XA	Primary blast injury of thoracic trachea, initial encounter
S2752XA	Contusion of thoracic trachea, initial encounter
S2753XA	Laceration of thoracic trachea, initial encounter
S2759XA	Other injury of thoracic trachea, initial encounter
S2760XA	Unspecified injury of pleura, initial encounter
S2763XA	Laceration of pleura, initial encounter
S2769XA	Other injury of pleura, initial encounter
S27803A	Laceration of diaphragm, initial encounter
S27808A	Other injury of diaphragm, initial encounter
S27809A	Unspecified injury of diaphragm, initial encounter
S27813A	Laceration of esophagus (thoracic part), initial encounter
S27818A	Other injury of esophagus (thoracic part), initial encounter
S27819A	Unspecified injury of esophagus (thoracic part), initial encounter
S27893A	Laceration of other specified intrathoracic organs, initial encounter
S280XXA	Crushed chest, initial encounter
S281XXA	Traumatic amputation (partial) of part of thorax, except breast, initial encounter

Pleural effusion diagnosis codes: (PLEURAD)

A156	Tuberculous pleurisy	J910	Malignant pleural effusion
C782	Secondary malignant neoplasm of pleura	J918	Pleural effusion in other conditions classified elsewhere
J860	Pyothorax with fistula	J940	Chylous effusion
J869	Pyothorax without fistula	J942	Hemothorax
J90	Pleural effusion, not elsewhere classified	J948	Other specified pleural conditions

Thoracic surgery procedure codes: (THORAIP)

01520ZZ	Destruction of phrenic nerve, open approach
01523ZZ	Destruction of phrenic nerve, percutaneous approach
01524ZZ	Destruction of phrenic nerve, percutaneous endoscopic approach
015K0ZZ	Destruction of head and neck sympathetic nerve, open approach
015K3ZZ	Destruction of head and neck sympathetic nerve, percutaneous approach
015K4ZZ	Destruction of head and neck sympathetic nerve, percutaneous endoscopic approach
015L0ZZ	Destruction of thoracic sympathetic nerve, open approach
015L3ZZ	Destruction of thoracic sympathetic nerve, percutaneous approach
015L4ZZ	Destruction of thoracic sympathetic nerve, percutaneous endoscopic approach
015M0ZZ	Destruction of abdominal sympathetic nerve, open approach
015M3ZZ	Destruction of abdominal sympathetic nerve, percutaneous approach
015M4ZZ	Destruction of abdominal sympathetic nerve, percutaneous endoscopic approach
015N0ZZ	Destruction of lumbar sympathetic nerve, open approach
015N3ZZ	Destruction of lumbar sympathetic nerve, percutaneous approach
015N4ZZ	Destruction of lumbar sympathetic nerve, percutaneous endoscopic approach
01BK0ZZ	Excision of head and neck sympathetic nerve, open approach
01BK3ZZ	Excision of head and neck sympathetic nerve, percutaneous approach
01BK4ZZ	Excision of head and neck sympathetic nerve, percutaneous endoscopic approach
0BQK3ZZ	Repair right lung, percutaneous approach
0BQK4ZZ	Repair right lung, percutaneous endoscopic approach
0BQK7ZZ	Repair right lung, via natural or artificial opening
0BQK8ZZ	Repair right lung, via natural or artificial opening endoscopic
0BQL0ZZ	Repair left lung, open approach
0BQL3ZZ	Repair left lung, percutaneous approach
0BQL4ZZ	Repair left lung, percutaneous endoscopic approach
0BQL7ZZ	Repair left lung, via natural or artificial opening
0BQL8ZZ	Repair left lung, via natural or artificial opening endoscopic
0BQM0ZZ	Repair bilateral lungs, open approach
0BQM3ZZ	Repair bilateral lungs, percutaneous approach
0BQM4ZZ	Repair bilateral lungs, percutaneous endoscopic approach
0BQM7ZZ	Repair bilateral lungs, via natural or artificial opening
0BQM8ZZ	Repair bilateral lungs, via natural or artificial opening endoscopic
0BQN0ZZ	Repair right pleura, open approach
0BQN3ZZ	Repair right pleura, percutaneous approach
0BQN4ZZ	Repair right pleura, percutaneous endoscopic approach
0BQP0ZZ	Repair left pleura, open approach

01BL0ZZ	Excision of thoracic sympathetic nerve, open approach
01BL3ZZ	Excision of thoracic sympathetic nerve, percutaneous approach
01BL4ZZ	Excision of thoracic sympathetic nerve, percutaneous endoscopic approach
01BM0ZZ	Excision of abdominal sympathetic nerve, open approach
01BM3ZZ	Excision of abdominal sympathetic nerve, percutaneous approach
01BM4ZZ	Excision of abdominal sympathetic nerve, percutaneous endoscopic approach
01BN0ZZ	Excision of lumbar sympathetic nerve, open approach
01BN3ZZ	Excision of lumbar sympathetic nerve, percutaneous approach
01BN4ZZ	Excision of lumbar sympathetic nerve, percutaneous endoscopic approach
01DK0ZZ	Extraction of head and neck sympathetic nerve, open approach
01DK3ZZ	Extraction of head and neck sympathetic nerve, percutaneous approach
01DK4ZZ	Extraction of head and neck sympathetic nerve, percutaneous endoscopic approach
01DL0ZZ	Extraction of thoracic sympathetic nerve, open approach
01DL3ZZ	Extraction of thoracic sympathetic nerve, percutaneous approach
01DL4ZZ	Extraction of thoracic sympathetic nerve, percutaneous endoscopic approach
01DM0ZZ	Extraction of abdominal sympathetic nerve, open approach
01DM3ZZ	Extraction of abdominal sympathetic nerve, percutaneous approach
01DM4ZZ	Extraction of abdominal sympathetic nerve, percutaneous endoscopic approach
0BQP3ZZ	Repair left pleura, percutaneous approach
0BQP4ZZ	Repair left pleura, percutaneous endoscopic approach
0BQR0ZZ	Repair right diaphragm, open approach
0BQR3ZZ	Repair right diaphragm, percutaneous approach
0BQR4ZZ	Repair right diaphragm, percutaneous endoscopic approach
0BQS0ZZ	Repair left diaphragm, open approach
0BQS3ZZ	Repair left diaphragm, percutaneous approach
0BQS4ZZ	Repair left diaphragm, percutaneous endoscopic approach
0BQT0ZZ	Repair diaphragm, open approach
0BQT3ZZ	Repair diaphragm, percutaneous approach
0BQT4ZZ	Repair diaphragm, percutaneous endoscopic approach
0BR107Z	Replacement of trachea with autologous tissue substitute, open approach
0BR10JZ	Replacement of trachea with synthetic substitute, open approach
0BR10KZ	Replacement of trachea with nonautologous tissue substitute, open approach
0BR147Z	Replacement of trachea with autologous tissue substitute, percutaneous endoscopic approach
0BR14JZ	Replacement of trachea with synthetic substitute, percutaneous endoscopic approach
0BR14KZ	Replacement of trachea with nonautologous tissue substitute, percutaneous endoscopic approach
0BR207Z	Replacement of carina with autologous tissue substitute, open approach

01DN0ZZ	Extraction of lumbar sympathetic nerve, open approach
01DN3ZZ	Extraction of lumbar sympathetic nerve, percutaneous approach
01DN4ZZ	Extraction of lumbar sympathetic nerve, percutaneous endoscopic approach
02JA0ZZ	Inspection of heart, open approach
02JA4ZZ	Inspection of heart, percutaneous endoscopic approach
02JY0ZZ	Inspection of great vessel, open approach
02JY4ZZ	Inspection of great vessel, percutaneous endoscopic approach
02YA0Z0	Transplantation of heart, allogeneic, open approach
02YA0Z1	Transplantation of heart, syngeneic, open approach
02YA0Z2	Transplantation of heart, zooplastic, open approach
075K0ZZ	Destruction of thoracic duct, open approach
075K3ZZ	Destruction of thoracic duct, percutaneous approach
075K4ZZ	Destruction of thoracic duct, percutaneous endoscopic approach
075L0ZZ	Destruction of cisterna chyli, open approach
075L3ZZ	Destruction of cisterna chyli, percutaneous approach
0BR20JZ	Replacement of carina with synthetic substitute, open approach
0BR20KZ	Replacement of carina with nonautologous tissue substitute, open approach
0BR247Z	Replacement of carina with autologous tissue substitute, percutaneous endoscopic approach
0BR24JZ	Replacement of carina with synthetic substitute, percutaneous endoscopic approach
0BR24KZ	Replacement of carina with nonautologous tissue substitute, percutaneous endoscopic approach
0BR307Z	Replacement of right main bronchus with autologous tissue substitute, open approach
0BR30JZ	Replacement of right main bronchus with synthetic substitute, open approach
0BR30KZ	Replacement of right main bronchus with nonautologous tissue substitute, open approach
0BR347Z	Replacement of right main bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR34JZ	Replacement of right main bronchus with synthetic substitute, percutaneous endoscopic approach
0BR34KZ	Replacement of right main bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR407Z	Replacement of right upper lobe bronchus with autologous tissue substitute, open approach
0BR40JZ	Replacement of right upper lobe bronchus with synthetic substitute, open approach
0BR40KZ	Replacement of right upper lobe bronchus with nonautologous tissue substitute, open approach
0BR447Z	Replacement of right upper lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach

075L4ZZ	Destruction of cisterna chyli, percutaneous endoscopic approach
075M0ZZ	Destruction of thymus, open approach
075M3ZZ	Destruction of thymus, percutaneous approach
075M4ZZ	Destruction of thymus, percutaneous endoscopic approach
079K00Z	Drainage of thoracic duct with drainage device, open approach
079K0ZZ	Drainage of thoracic duct, open approach
079K30Z	Drainage of thoracic duct with drainage device, percutaneous approach
079K3ZZ	Drainage of thoracic duct, percutaneous approach
079K40Z	Drainage of thoracic duct with drainage device, percutaneous endoscopic approach
079K4ZZ	Drainage of thoracic duct, percutaneous endoscopic approach
079K80Z	Drainage of thoracic duct with drainage device, via natural or artificial opening endoscopic
079K8ZX	Drainage of thoracic duct, via natural or artificial opening endoscopic approach, diagnostic
079K8ZZ	Drainage of thoracic duct, via natural or artificial opening endoscopic
0BR44JZ	Replacement of right upper lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BR44KZ	Replacement of right upper lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR507Z	Replacement of right middle lobe bronchus with autologous tissue substitute, open approach
0BR50JZ	Replacement of right middle lobe bronchus with synthetic substitute, open approach
0BR50KZ	Replacement of right middle lobe bronchus with nonautologous tissue substitute, open approach
0BR547Z	Replacement of right middle lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR54JZ	Replacement of right middle lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BR54KZ	Replacement of right middle lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR607Z	Replacement of right lower lobe bronchus with autologous tissue substitute, open approach
0BR60JZ	Replacement of right lower lobe bronchus with synthetic substitute, open approach
0BR60KZ	Replacement of right lower lobe bronchus with nonautologous tissue substitute, open approach
0BR647Z	Replacement of right lower lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR64JZ	Replacement of right lower lobe bronchus with synthetic substitute, percutaneous endoscopic approach

079L00Z	Drainage of cisterna chyli with drainage device, open approach
079L0ZZ	Drainage of cisterna chyli, open approach
079L30Z	Drainage of cisterna chyli with drainage device, percutaneous approach
079L3ZZ	Drainage of cisterna chyli, percutaneous approach
079L40Z	Drainage of cisterna chyli with drainage device, percutaneous endoscopic approach
079L4ZZ	Drainage of cisterna chyli, percutaneous endoscopic approach
079L80Z	Drainage of cisterna chyli with drainage device, via natural or artificial opening endoscopic
079L8ZX	Drainage of cisterna chyli, via natural or artificial opening endoscopic approach, diagnostic
079L8ZZ	Drainage of cisterna chyli, via natural or artificial opening endoscopic
07BK0ZZ	Excision of thoracic duct, open approach
07BK3ZZ	Excision of thoracic duct, percutaneous approach
07BK4ZZ	Excision of thoracic duct, percutaneous endoscopic approach
07BL0ZZ	Excision of cisterna chyli, open approach
07BL3ZZ	Excision of cisterna chyli, percutaneous approach
0BR64KZ	Replacement of right lower lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR707Z	Replacement of left main bronchus with autologous tissue substitute, open approach
0BR70JZ	Replacement of left main bronchus with synthetic substitute, open approach
0BR70KZ	Replacement of left main bronchus with nonautologous tissue substitute, open approach
0BR747Z	Replacement of left main bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR74JZ	Replacement of left main bronchus with synthetic substitute, percutaneous endoscopic approach
0BR74KZ	Replacement of left main bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR807Z	Replacement of left upper lobe bronchus with autologous tissue substitute, open approach
0BR80JZ	Replacement of left upper lobe bronchus with synthetic substitute, open approach
0BR80KZ	Replacement of left upper lobe bronchus with nonautologous tissue substitute, open approach
0BR847Z	Replacement of left upper lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR84JZ	Replacement of left upper lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BR84KZ	Replacement of left upper lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BR907Z	Replacement of lingula bronchus with autologous tissue substitute, open approach

07BL4ZZ	Excision of cisterna chyli, percutaneous endoscopic approach
07BM0ZZ	Excision of thymus, open approach
07BM3ZZ	Excision of thymus, percutaneous approach
07BM4ZZ	Excision of thymus, percutaneous endoscopic approach
07LK0CZ	Occlusion of thoracic duct with extraluminal device, open approach
07LK0DZ	Occlusion of thoracic duct with intraluminal device, open approach
07LK0ZZ	Occlusion of thoracic duct, open approach
07LK3CZ	Occlusion of thoracic duct with extraluminal device, percutaneous approach
07LK3DZ	Occlusion of thoracic duct with intraluminal device, percutaneous approach
07LK3ZZ	Occlusion of thoracic duct, percutaneous approach
07LK4CZ	Occlusion of thoracic duct with extraluminal device, percutaneous endoscopic approach
07LK4DZ	Occlusion of thoracic duct with intraluminal device, percutaneous endoscopic approach
07LK4ZZ	Occlusion of thoracic duct, percutaneous endoscopic approach
07LL0CZ	Occlusion of cisterna chyli with extraluminal device, open approach
07LL0DZ	Occlusion of cisterna chyli with intraluminal device, open approach
0BR90JZ	Replacement of lingula bronchus with synthetic substitute, open approach
0BR90KZ	Replacement of lingula bronchus with nonautologous tissue substitute, open approach
0BR947Z	Replacement of lingula bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BR94JZ	Replacement of lingula bronchus with synthetic substitute, percutaneous endoscopic approach
0BR94KZ	Replacement of lingula bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BRB07Z	Replacement of left lower lobe bronchus with autologous tissue substitute, open approach
0BRB0JZ	Replacement of left lower lobe bronchus with synthetic substitute, open approach
0BRB0KZ	Replacement of left lower lobe bronchus with nonautologous tissue substitute, open approach
0BRB47Z	Replacement of left lower lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BRB4JZ	Replacement of left lower lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BRB4KZ	Replacement of left lower lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BRT07Z	Replacement of diaphragm with autologous tissue substitute, open approach
0BRT0JZ	Replacement of diaphragm with synthetic substitute, open approach
0BRT0KZ	Replacement of diaphragm with nonautologous tissue substitute, open approach
0BRT47Z	Replacement of diaphragm with autologous tissue substitute, percutaneous endoscopic approach

07LL0ZZ	Occlusion of cisterna chyli, open approach
07LL3CZ	Occlusion of cisterna chyli with extraluminal device, percutaneous approach
07LL3DZ	Occlusion of cisterna chyli with intraluminal device, percutaneous approach
07LL3ZZ	Occlusion of cisterna chyli, percutaneous approach
07LL4CZ	Occlusion of cisterna chyli with extraluminal device, percutaneous endoscopic approach
07LL4DZ	Occlusion of cisterna chyli with intraluminal device, percutaneous endoscopic approach
07LL4ZZ	Occlusion of cisterna chyli, percutaneous endoscopic approach
07NK0ZZ	Release thoracic duct, open approach
07NK3ZZ	Release thoracic duct, percutaneous approach
07NK4ZZ	Release thoracic duct, percutaneous endoscopic approach
07NL0ZZ	Release cisterna chyli, open approach
07NL3ZZ	Release cisterna chyli, percutaneous approach
07NL4ZZ	Release cisterna chyli, percutaneous endoscopic approach
07PK00Z	Removal of drainage device from thoracic duct, open approach
07PK03Z	Removal of infusion device from thoracic duct, open approach
07PK0CZ	Removal of extraluminal device from thoracic duct, open approach
07PK0DZ	Removal of intraluminal device from thoracic duct, open approach
07PK0YZ	Removal of other device from thoracic duct, open approach
07PK30Z	Removal of drainage device from thoracic duct, percutaneous approach
07PK33Z	Removal of infusion device from thoracic duct, percutaneous approach
0BRT4JZ	Replacement of diaphragm with synthetic substitute, percutaneous endoscopic approach
0BRT4KZ	Replacement of diaphragm with nonautologous tissue substitute, percutaneous endoscopic approach
0BS10ZZ	Reposition trachea, open approach
0BS20ZZ	Reposition carina, open approach
0BS30ZZ	Reposition right main bronchus, open approach
0BS40ZZ	Reposition right upper lobe bronchus, open approach
0BS50ZZ	Reposition right middle lobe bronchus, open approach
0BS60ZZ	Reposition right lower lobe bronchus, open approach
0BS70ZZ	Reposition left main bronchus, open approach
0BS80ZZ	Reposition left upper lobe bronchus, open approach
0BS90ZZ	Reposition lingula bronchus, open approach
0BSB0ZZ	Reposition left lower lobe bronchus, open approach
0BSC0ZZ	Reposition right upper lung lobe, open approach
0BSD0ZZ	Reposition right middle lung lobe, open approach
0BSF0ZZ	Reposition right lower lung lobe, open approach
0BSG0ZZ	Reposition left upper lung lobe, open approach
0BSH0ZZ	Reposition lung lingula, open approach
0BSJ0ZZ	Reposition left lower lung lobe, open approach
0BSK0ZZ	Reposition right lung, open approach
0BSL0ZZ	Reposition left lung, open approach

07PK3CZ	Removal of extraluminal device from thoracic duct, percutaneous approach
07PK3DZ	Removal of intraluminal device from thoracic duct, percutaneous approach
07PK3YZ	Removal of other device from thoracic duct, percutaneous approach
07PK40Z	Removal of drainage device from thoracic duct, percutaneous endoscopic approach
07PK43Z	Removal of infusion device from thoracic duct, percutaneous endoscopic approach
07PK4CZ	Removal of extraluminal device from thoracic duct, percutaneous endoscopic approach
07PK4DZ	Removal of intraluminal device from thoracic duct, percutaneous endoscopic approach
07PK4YZ	Removal of other device from thoracic duct, percutaneous endoscopic approach
07PL00Z	Removal of drainage device from cisterna chyli, open approach
07PL03Z	Removal of infusion device from cisterna chyli, open approach
07PL0CZ	Removal of extraluminal device from cisterna chyli, open approach
07PL0DZ	Removal of intraluminal device from cisterna chyli, open approach
07PL0YZ	Removal of other device from cisterna chyli, open approach
07PL30Z	Removal of drainage device from cisterna chyli, percutaneous approach
07PL33Z	Removal of infusion device from cisterna chyli, percutaneous approach
07PL3CZ	Removal of extraluminal device from cisterna chyli, percutaneous approach
07PL3DZ	Removal of intraluminal device from cisterna chyli, percutaneous approach
07PL3YZ	Removal of other device from cisterna chyli, percutaneous approach
0BSR0ZZ	Reposition right diaphragm, open approach
0BSS0ZZ	Reposition left diaphragm, open approach
0BST0ZZ	Reposition diaphragm, open approach
0BT10ZZ	Resection of trachea, open approach
0BT14ZZ	Resection of trachea, percutaneous endoscopic approach
0BT20ZZ	Resection of carina, open approach
0BT24ZZ	Resection of carina, percutaneous endoscopic approach
0BT30ZZ	Resection of right main bronchus, open approach
0BT34ZZ	Resection of right main bronchus, percutaneous endoscopic approach
0BT40ZZ	Resection of right upper lobe bronchus, open approach
0BT44ZZ	Resection of right upper lobe bronchus, percutaneous endoscopic approach
0BT50ZZ	Resection of right middle lobe bronchus, open approach
0BT54ZZ	Resection of right middle lobe bronchus, percutaneous endoscopic approach
0BT60ZZ	Resection of right lower lobe bronchus, open approach
0BT64ZZ	Resection of right lower lobe bronchus, percutaneous endoscopic approach
0BT70ZZ	Resection of left main bronchus, open approach
0BT74ZZ	Resection of left main bronchus, percutaneous endoscopic approach
0BT80ZZ	Resection of left upper lobe bronchus, open approach

07PL40Z	Removal of drainage device from cisterna chyli, percutaneous endoscopic approach
07PL43Z	Removal of infusion device from cisterna chyli, percutaneous endoscopic approach
07PL4CZ	Removal of extraluminal device from cisterna chyli, percutaneous endoscopic approach
07PL4DZ	Removal of intraluminal device from cisterna chyli, percutaneous endoscopic approach
07PL4YZ	Removal of other device from cisterna chyli, percutaneous endoscopic approach
07QK0ZZ	Repair thoracic duct, open approach
07QK3ZZ	Repair thoracic duct, percutaneous approach
07QK4ZZ	Repair thoracic duct, percutaneous endoscopic approach
07QK8ZZ	Repair thoracic duct, via natural or artificial opening endoscopic approach
07QL0ZZ	Repair cisterna chyli, open approach
07QL3ZZ	Repair cisterna chyli, percutaneous approach
07QL4ZZ	Repair cisterna chyli, percutaneous endoscopic approach
07QL8ZZ	Repair cisterna chyli, via natural or artificial opening endoscopic approach
07TK0ZZ	Resection of thoracic duct, open approach
07TK4ZZ	Resection of thoracic duct, percutaneous endoscopic approach
07TL0ZZ	Resection of cisterna chyli, open approach
07TL4ZZ	Resection of cisterna chyli, percutaneous endoscopic approach
07TM0ZZ	Resection of thymus, open approach
07TM4ZZ	Resection of thymus, percutaneous endoscopic approach

0BT84ZZ	Resection of left upper lobe bronchus, percutaneous endoscopic approach
0BT90ZZ	Resection of lingula bronchus, open approach
0BT94ZZ	Resection of lingula bronchus, percutaneous endoscopic approach
0BTB0ZZ	Resection of left lower lobe bronchus, open approach
0BTB4ZZ	Resection of left lower lobe bronchus, percutaneous endoscopic approach
0BTC0ZZ	Resection of right upper lung lobe, open approach
0BTC4ZZ	Resection of right upper lung lobe, percutaneous endoscopic approach
0BTD0ZZ	Resection of right middle lung lobe, open approach
0BTD4ZZ	Resection of right middle lung lobe, percutaneous endoscopic approach
0BTF0ZZ	Resection of right lower lung lobe, open approach
0BTF4ZZ	Resection of right lower lung lobe, percutaneous endoscopic approach
0BTG0ZZ	Resection of left upper lung lobe, open approach
0BTG4ZZ	Resection of left upper lung lobe, percutaneous endoscopic approach
0BTH0ZZ	Resection of lung lingula, open approach
0BTH4ZZ	Resection of lung lingula, percutaneous endoscopic approach
0BTJ0ZZ	Resection of left lower lung lobe, open approach
0BTJ4ZZ	Resection of left lower lung lobe, percutaneous endoscopic approach
0BTK0ZZ	Resection of right lung, open approach
0BTK4ZZ	Resection of right lung, percutaneous endoscopic approach

07UK07Z	Supplement thoracic duct with autologous tissue substitute, open approach
07UK0JZ	Supplement thoracic duct with synthetic substitute, open approach
07UK0KZ	Supplement thoracic duct with nonautologous tissue substitute, open approach
07UK47Z	Supplement thoracic duct with autologous tissue substitute, percutaneous endoscopic approach
07UK4JZ	Supplement thoracic duct with synthetic substitute, percutaneous endoscopic approach
07UK4KZ	Supplement thoracic duct with nonautologous tissue substitute, percutaneous endoscopic approach
07UL07Z	Supplement cisterna chyli with autologous tissue substitute, open approach
07UL0JZ	Supplement cisterna chyli with synthetic substitute, open approach
07UL0KZ	Supplement cisterna chyli with nonautologous tissue substitute, open approach
07UL47Z	Supplement cisterna chyli with autologous tissue substitute, percutaneous endoscopic approach
07UL4JZ	Supplement cisterna chyli with synthetic substitute, percutaneous endoscopic approach
07UL4KZ	Supplement cisterna chyli with nonautologous tissue substitute, percutaneous endoscopic approach
07VK0CZ	Restriction of thoracic duct with extraluminal device, open approach
07VK0DZ	Restriction of thoracic duct with intraluminal device, open approach
07VK0ZZ	Restriction of thoracic duct, open approach
0BTL0ZZ	Resection of left lung, open approach
0BTL4ZZ	Resection of left lung, percutaneous endoscopic approach
0BTM0ZZ	Resection of bilateral lungs, open approach
0BTM4ZZ	Resection of bilateral lungs, percutaneous endoscopic approach
0BTR0ZZ	Resection of right diaphragm, open approach
0BTR4ZZ	Resection of right diaphragm, percutaneous endoscopic approach
0BTS0ZZ	Resection of left diaphragm, open approach
0BTS4ZZ	Resection of left diaphragm, percutaneous endoscopic approach
0BTT0ZZ	Resection of diaphragm, open approach
0BTT4ZZ	Resection of diaphragm, percutaneous endoscopic approach
0BU107Z	Supplement trachea with autologous tissue substitute, open approach
0BU10JZ	Supplement trachea with synthetic substitute, open approach
0BU10KZ	Supplement trachea with nonautologous tissue substitute, open approach
0BU147Z	Supplement trachea with autologous tissue substitute, percutaneous endoscopic approach
0BU14JZ	Supplement trachea with synthetic substitute, percutaneous endoscopic approach

07VK3CZ	Restriction of thoracic duct with extraluminal device, percutaneous approach
07VK3DZ	Restriction of thoracic duct with intraluminal device, percutaneous approach
07VK3ZZ	Restriction of thoracic duct, percutaneous approach
07VK4CZ	Restriction of thoracic duct with extraluminal device, percutaneous endoscopic approach
07VK4DZ	Restriction of thoracic duct with intraluminal device, percutaneous endoscopic approach
07VK4ZZ	Restriction of thoracic duct, percutaneous endoscopic approach
07VL0CZ	Restriction of cisterna chyli with extraluminal device, open approach
07VL0DZ	Restriction of cisterna chyli with intraluminal device, open approach
07VL0ZZ	Restriction of cisterna chyli, open approach
07VL3CZ	Restriction of cisterna chyli with extraluminal device, percutaneous approach
07VL3DZ	Restriction of cisterna chyli with intraluminal device, percutaneous approach
07VL3ZZ	Restriction of cisterna chyli, percutaneous approach
07VL4CZ	Restriction of cisterna chyli with extraluminal device, percutaneous endoscopic approach
07VL4DZ	Restriction of cisterna chyli with intraluminal device, percutaneous endoscopic approach
07VL4ZZ	Restriction of cisterna chyli, percutaneous endoscopic approach
0BU14KZ	Supplement trachea with nonautologous tissue substitute, percutaneous endoscopic approach
0BU207Z	Supplement carina with autologous tissue substitute, open approach
0BU20JZ	Supplement carina with synthetic substitute, open approach
0BU20KZ	Supplement carina with nonautologous tissue substitute, open approach
0BU247Z	Supplement carina with autologous tissue substitute, percutaneous endoscopic approach
0BU24JZ	Supplement carina with synthetic substitute, percutaneous endoscopic approach
0BU24KZ	Supplement carina with nonautologous tissue substitute, percutaneous endoscopic approach
0BU307Z	Supplement right main bronchus with autologous tissue substitute, open approach
0BU30JZ	Supplement right main bronchus with synthetic substitute, open approach
0BU30KZ	Supplement right main bronchus with nonautologous tissue substitute, open approach
0BU347Z	Supplement right main bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU34JZ	Supplement right main bronchus with synthetic substitute, percutaneous endoscopic approach
0BU34KZ	Supplement right main bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU407Z	Supplement right upper lobe bronchus with autologous tissue substitute, open approach
0BU40JZ	Supplement right upper lobe bronchus with synthetic substitute, open approach

07WK00Z	Revision of drainage device in thoracic duct, open approach
07WK03Z	Revision of infusion device in thoracic duct, open approach
07WK0CZ	Revision of extraluminal device in thoracic duct, open approach
07WK0DZ	Revision of intraluminal device in thoracic duct, open approach
07WK0YZ	Revision of other device in thoracic duct, open approach
07WK30Z	Revision of drainage device in thoracic duct, percutaneous approach
07WK33Z	Revision of infusion device in thoracic duct, percutaneous approach
07WK3CZ	Revision of extraluminal device in thoracic duct, percutaneous approach
07WK3DZ	Revision of intraluminal device in thoracic duct, percutaneous approach
07WK3YZ	Revision of other device in thoracic duct, percutaneous approach
07WK40Z	Revision of drainage device in thoracic duct, percutaneous endoscopic approach
07WK43Z	Revision of infusion device in thoracic duct, percutaneous endoscopic approach
07WK4CZ	Revision of extraluminal device in thoracic duct, percutaneous endoscopic approach
07WK4DZ	Revision of intraluminal device in thoracic duct, percutaneous endoscopic approach
0BU40KZ	Supplement right upper lobe bronchus with nonautologous tissue substitute, open approach
0BU447Z	Supplement right upper lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU44JZ	Supplement right upper lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BU44KZ	Supplement right upper lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU507Z	Supplement right middle lobe bronchus with autologous tissue substitute, open approach
0BU50JZ	Supplement right middle lobe bronchus with synthetic substitute, open approach
0BU50KZ	Supplement right middle lobe bronchus with nonautologous tissue substitute, open approach
0BU547Z	Supplement right middle lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU54JZ	Supplement right middle lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BU54KZ	Supplement right middle lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU607Z	Supplement right lower lobe bronchus with autologous tissue substitute, open approach
0BU60JZ	Supplement right lower lobe bronchus with synthetic substitute, open approach
0BU60KZ	Supplement right lower lobe bronchus with nonautologous tissue substitute, open approach
0BU647Z	Supplement right lower lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach

07WK4YZ	Revision of other device in thoracic duct, percutaneous endoscopic approach
07WL00Z	Revision of drainage device in cisterna chyli, open approach
07WL03Z	Revision of infusion device in cisterna chyli, open approach
07WL0CZ	Revision of extraluminal device in cisterna chyli, open approach
07WL0DZ	Revision of intraluminal device in cisterna chyli, open approach
07WL0YZ	Revision of other device in cisterna chyli, open approach
07WL30Z	Revision of drainage device in cisterna chyli, percutaneous approach
07WL33Z	Revision of infusion device in cisterna chyli, percutaneous approach
07WL3CZ	Revision of extraluminal device in cisterna chyli, percutaneous approach
07WL3DZ	Revision of intraluminal device in cisterna chyli, percutaneous approach
07WL3YZ	Revision of other device in cisterna chyli, percutaneous approach
07WL40Z	Revision of drainage device in cisterna chyli, percutaneous endoscopic approach
07WL43Z	Revision of infusion device in cisterna chyli, percutaneous endoscopic approach
07WL4CZ	Revision of extraluminal device in cisterna chyli, percutaneous endoscopic approach
07WL4DZ	Revision of intraluminal device in cisterna chyli, percutaneous endoscopic approach
0BU64JZ	Supplement right lower lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BU64KZ	Supplement right lower lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU707Z	Supplement left main bronchus with autologous tissue substitute, open approach
0BU70JZ	Supplement left main bronchus with synthetic substitute, open approach
0BU70KZ	Supplement left main bronchus with nonautologous tissue substitute, open approach
0BU747Z	Supplement left main bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU74JZ	Supplement left main bronchus with synthetic substitute, percutaneous endoscopic approach
0BU74KZ	Supplement left main bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU807Z	Supplement left upper lobe bronchus with autologous tissue substitute, open approach
0BU80JZ	Supplement left upper lobe bronchus with synthetic substitute, open approach
0BU80KZ	Supplement left upper lobe bronchus with nonautologous tissue substitute, open approach
0BU847Z	Supplement left upper lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU84JZ	Supplement left upper lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BU84KZ	Supplement left upper lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BU907Z	Supplement lingula bronchus with autologous tissue substitute, open approach

07WL4YZ	Revision of other device in cisterna chyli, percutaneous endoscopic approach
0B110F4	Bypass trachea to cutaneous with tracheostomy device, open approach
0B110Z4	Bypass trachea to cutaneous, open approach
0B113F4	Bypass trachea to cutaneous with tracheostomy device, percutaneous approach
0B113Z4	Bypass trachea to cutaneous, percutaneous approach
0B114F4	Bypass trachea to cutaneous with tracheostomy device, percutaneous endoscopic approach
0B114Z4	Bypass trachea to cutaneous, percutaneous endoscopic approach
0B530ZZ	Destruction of right main bronchus, open approach
0B533ZZ	Destruction of right main bronchus, percutaneous approach
0B537ZZ	Destruction of right main bronchus, via natural or artificial opening
0B538ZZ	Destruction of right main bronchus, via natural or artificial opening endoscopic
0B540ZZ	Destruction of right upper lobe bronchus, open approach
0B543ZZ	Destruction of right upper lobe bronchus, percutaneous approach
0B547ZZ	Destruction of right upper lobe bronchus, via natural or artificial opening
0B548ZZ	Destruction of right upper lobe bronchus, via natural or artificial opening endoscopic
0BU90JZ	Supplement lingula bronchus with synthetic substitute, open approach
0BU90KZ	Supplement lingula bronchus with nonautologous tissue substitute, open approach
0BU947Z	Supplement lingula bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BU94JZ	Supplement lingula bronchus with synthetic substitute, percutaneous endoscopic approach
0BU94KZ	Supplement lingula bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BUB07Z	Supplement left lower lobe bronchus with autologous tissue substitute, open approach
0BUB0JZ	Supplement left lower lobe bronchus with synthetic substitute, open approach
0BUB0KZ	Supplement left lower lobe bronchus with nonautologous tissue substitute, open approach
0BUB47Z	Supplement left lower lobe bronchus with autologous tissue substitute, percutaneous endoscopic approach
0BUB4JZ	Supplement left lower lobe bronchus with synthetic substitute, percutaneous endoscopic approach
0BUB4KZ	Supplement left lower lobe bronchus with nonautologous tissue substitute, percutaneous endoscopic approach
0BUR07Z	Supplement right diaphragm with autologous tissue substitute, open approach
0BUR0JZ	Supplement right diaphragm with synthetic substitute, open approach
0BUR0KZ	Supplement right diaphragm with nonautologous tissue substitute, open approach
0BUR47Z	Supplement right diaphragm with autologous tissue substitute, percutaneous endoscopic approach

0B550ZZ	Destruction of right middle lobe bronchus, open approach
0B553ZZ	Destruction of right middle lobe bronchus, percutaneous approach
0B557ZZ	Destruction of right middle lobe bronchus, via natural or artificial opening
0B558ZZ	Destruction of right middle lobe bronchus, via natural or artificial opening endoscopic
0B560ZZ	Destruction of right lower lobe bronchus, open approach
0B563ZZ	Destruction of right lower lobe bronchus, percutaneous approach
0B567ZZ	Destruction of right lower lobe bronchus, via natural or artificial opening
0B568ZZ	Destruction of right lower lobe bronchus, via natural or artificial opening endoscopic
0B570ZZ	Destruction of left main bronchus, open approach
0B573ZZ	Destruction of left main bronchus, percutaneous approach
0B577ZZ	Destruction of left main bronchus, via natural or artificial opening
0B578ZZ	Destruction of left main bronchus, via natural or artificial opening endoscopic
0B580ZZ	Destruction of left upper lobe bronchus, open approach
0B583ZZ	Destruction of left upper lobe bronchus, percutaneous approach
0B587ZZ	Destruction of left upper lobe bronchus, via natural or artificial opening
0BUR4JZ	Supplement right diaphragm with synthetic substitute, percutaneous endoscopic approach
0BUR4KZ	Supplement right diaphragm with nonautologous tissue substitute, percutaneous endoscopic approach
0BUS07Z	Supplement left diaphragm with autologous tissue substitute, open approach
0BUS0JZ	Supplement left diaphragm with synthetic substitute, open approach
0BUS0KZ	Supplement left diaphragm with nonautologous tissue substitute, open approach
0BUS47Z	Supplement left diaphragm with autologous tissue substitute, percutaneous endoscopic approach
0BUS4JZ	Supplement left diaphragm with synthetic substitute, percutaneous endoscopic approach
0BUS4KZ	Supplement left diaphragm with nonautologous tissue substitute, percutaneous endoscopic approach
0BUT07Z	Supplement diaphragm with autologous tissue substitute, open approach
0BUT0JZ	Supplement diaphragm with synthetic substitute, open approach
0BUT0KZ	Supplement diaphragm with nonautologous tissue substitute, open approach
0BUT47Z	Supplement diaphragm with autologous tissue substitute, percutaneous endoscopic approach
0BUT4JZ	Supplement diaphragm with synthetic substitute, percutaneous endoscopic approach
0BUT4KZ	Supplement diaphragm with nonautologous tissue substitute, percutaneous endoscopic approach
0BV10CZ	Restriction of trachea with extraluminal device, open approach

0B588ZZ	Destruction of left upper lobe bronchus, via natural or artificial opening endoscopic
0B590ZZ	Destruction of lingula bronchus, open approach
0B593ZZ	Destruction of lingula bronchus, percutaneous approach
0B597ZZ	Destruction of lingula bronchus, via natural or artificial opening
0B598ZZ	Destruction of lingula bronchus, via natural or artificial opening endoscopic
0B5B0ZZ	Destruction of left lower lobe bronchus, open approach
0B5B3ZZ	Destruction of left lower lobe bronchus, percutaneous approach
0B5B7ZZ	Destruction of left lower lobe bronchus, via natural or artificial opening
0B5B8ZZ	Destruction of left lower lobe bronchus, via natural or artificial opening endoscopic
0B5C0ZZ	Destruction of right upper lung lobe, open approach
0B5C3ZZ	Destruction of right upper lung lobe, percutaneous approach
0B5C4ZZ	Destruction of right upper lung lobe, percutaneous endoscopic approach
0B5C7ZZ	Destruction of right upper lung lobe, via natural or artificial opening
0B5C8ZZ	Destruction of right upper lung lobe, via natural or artificial opening endoscopic
0B5D0ZZ	Destruction of right middle lung lobe, open approach
0B5D3ZZ	Destruction of right middle lung lobe, percutaneous approach
0B5D4ZZ	Destruction of right middle lung lobe, percutaneous endoscopic approach
0B5D7ZZ	Destruction of right middle lung lobe, via natural or artificial opening

0BV10DZ	Restriction of trachea with intraluminal device, open approach
0BV10ZZ	Restriction of trachea, open approach
0BV13CZ	Restriction of trachea with extraluminal device, percutaneous approach
0BV13DZ	Restriction of trachea with intraluminal device, percutaneous approach
0BV13ZZ	Restriction of trachea, percutaneous approach
0BV14CZ	Restriction of trachea with extraluminal device, percutaneous endoscopic approach
0BV14DZ	Restriction of trachea with intraluminal device, percutaneous endoscopic approach
0BV14ZZ	Restriction of trachea, percutaneous endoscopic approach
0BV17DZ	Restriction of trachea with intraluminal device, via natural or artificial opening
0BV17ZZ	Restriction of trachea, via natural or artificial opening
0BV18DZ	Restriction of trachea with intraluminal device, via natural or artificial opening endoscopic
0BV18ZZ	Restriction of trachea, via natural or artificial opening endoscopic
0BV20CZ	Restriction of carina with extraluminal device, open approach
0BV20DZ	Restriction of carina with intraluminal device, open approach
0BV20ZZ	Restriction of carina, open approach
0BV23CZ	Restriction of carina with extraluminal device, percutaneous approach
0BV23DZ	Restriction of carina with intraluminal device, percutaneous approach
0BV23ZZ	Restriction of carina, percutaneous approach

0B5D8ZZ	Destruction of right middle lung lobe, via natural or artificial opening endoscopic
0B5F0ZZ	Destruction of right lower lung lobe, open approach
0B5F3ZZ	Destruction of right lower lung lobe, percutaneous approach
0B5F4ZZ	Destruction of right lower lung lobe, percutaneous endoscopic approach
0B5F7ZZ	Destruction of right lower lung lobe, via natural or artificial opening
0B5F8ZZ	Destruction of right lower lung lobe, via natural or artificial opening endoscopic
0B5G0ZZ	Destruction of left upper lung lobe, open approach
0B5G3ZZ	Destruction of left upper lung lobe, percutaneous approach
0B5G4ZZ	Destruction of left upper lung lobe, percutaneous endoscopic approach
0B5G7ZZ	Destruction of left upper lung lobe, via natural or artificial opening
0B5G8ZZ	Destruction of left upper lung lobe, via natural or artificial opening endoscopic
0B5H0ZZ	Destruction of lung lingula, open approach
0B5H3ZZ	Destruction of lung lingula, percutaneous approach
0B5H4ZZ	Destruction of lung lingula, percutaneous endoscopic approach
0B5H7ZZ	Destruction of lung lingula, via natural or artificial opening
0B5H8ZZ	Destruction of lung lingula, via natural or artificial opening endoscopic
0B5J0ZZ	Destruction of left lower lung lobe, open approach
0BV24CZ	Restriction of carina with extraluminal device, percutaneous endoscopic approach
0BV24DZ	Restriction of carina with intraluminal device, percutaneous endoscopic approach
0BV24ZZ	Restriction of carina, percutaneous endoscopic approach
0BV27DZ	Restriction of carina with intraluminal device, via natural or artificial opening
0BV27ZZ	Restriction of carina, via natural or artificial opening
0BV28DZ	Restriction of carina with intraluminal device, via natural or artificial opening endoscopic
0BV28ZZ	Restriction of carina, via natural or artificial opening endoscopic
0BV30CZ	Restriction of right main bronchus with extraluminal device, open approach
0BV30DZ	Restriction of right main bronchus with intraluminal device, open approach
0BV30ZZ	Restriction of right main bronchus, open approach
0BV33CZ	Restriction of right main bronchus with extraluminal device, percutaneous approach
0BV33DZ	Restriction of right main bronchus with intraluminal device, percutaneous approach
0BV33ZZ	Restriction of right main bronchus, percutaneous approach
0BV34CZ	Restriction of right main bronchus with extraluminal device, percutaneous endoscopic approach
0BV34DZ	Restriction of right main bronchus with intraluminal device, percutaneous endoscopic approach
0BV34ZZ	Restriction of right main bronchus, percutaneous endoscopic approach
0BV37DZ	Restriction of right main bronchus with intraluminal device, via natural or artificial opening

0B5J3ZZ	Destruction of left lower lung lobe, percutaneous approach
0B5J4ZZ	Destruction of left lower lung lobe, percutaneous endoscopic approach
0B5J7ZZ	Destruction of left lower lung lobe, via natural or artificial opening
0B5J8ZZ	Destruction of left lower lung lobe, via natural or artificial opening endoscopic
0B5K0ZZ	Destruction of right lung, open approach
0B5K3ZZ	Destruction of right lung, percutaneous approach
0B5K4ZZ	Destruction of right lung, percutaneous endoscopic approach
0B5K7ZZ	Destruction of right lung, via natural or artificial opening
0B5K8ZZ	Destruction of right lung, via natural or artificial opening endoscopic
0B5L0ZZ	Destruction of left lung, open approach
0B5L3ZZ	Destruction of left lung, percutaneous approach
0B5L4ZZ	Destruction of left lung, percutaneous endoscopic approach
0B5L7ZZ	Destruction of left lung, via natural or artificial opening
0B5L8ZZ	Destruction of left lung, via natural or artificial opening endoscopic
0B5M0ZZ	Destruction of bilateral lungs, open approach
0BV37ZZ	Restriction of right main bronchus, via natural or artificial opening
0BV38DZ	Restriction of right main bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV38ZZ	Restriction of right main bronchus, via natural or artificial opening endoscopic
0BV40CZ	Restriction of right upper lobe bronchus with extraluminal device, open approach
0BV40DZ	Restriction of right upper lobe bronchus with intraluminal device, open approach
0BV40ZZ	Restriction of right upper lobe bronchus, open approach
0BV43CZ	Restriction of right upper lobe bronchus with extraluminal device, percutaneous approach
0BV43DZ	Restriction of right upper lobe bronchus with intraluminal device, percutaneous approach
0BV43ZZ	Restriction of right upper lobe bronchus, percutaneous approach
0BV44CZ	Restriction of right upper lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BV44DZ	Restriction of right upper lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BV44ZZ	Restriction of right upper lobe bronchus, percutaneous endoscopic approach
0BV47DZ	Restriction of right upper lobe bronchus with intraluminal device, via natural or artificial opening
0BV47ZZ	Restriction of right upper lobe bronchus, via natural or artificial opening
0BV48DZ	Restriction of right upper lobe bronchus with intraluminal device, via natural or artificial opening endoscopic

0B5M3ZZ	Destruction of bilateral lungs, percutaneous approach
0B5M4ZZ	Destruction of bilateral lungs, percutaneous endoscopic approach
0B5M7ZZ	Destruction of bilateral lungs, via natural or artificial opening
0B5M8ZZ	Destruction of bilateral lungs, via natural or artificial opening endoscopic
0B5R0ZZ	Destruction of right diaphragm, open approach
0B5R3ZZ	Destruction of right diaphragm, percutaneous approach
0B5R4ZZ	Destruction of right diaphragm, percutaneous endoscopic approach
0B5S0ZZ	Destruction of left diaphragm, open approach
0B5S3ZZ	Destruction of left diaphragm, percutaneous approach
0B5S4ZZ	Destruction of left diaphragm, percutaneous endoscopic approach
0B5T0ZZ	Destruction of diaphragm, open approach
0B5T3ZZ	Destruction of diaphragm, percutaneous approach
0B5T4ZZ	Destruction of diaphragm, percutaneous endoscopic approach
0B710DZ	Dilation of trachea with intraluminal device, open approach
0B710ZZ	Dilation of trachea, open approach
0BV48ZZ	Restriction of right upper lobe bronchus, via natural or artificial opening endoscopic
0BV50CZ	Restriction of right middle lobe bronchus with extraluminal device, open approach
0BV50DZ	Restriction of right middle lobe bronchus with intraluminal device, open approach
0BV50ZZ	Restriction of right middle lobe bronchus, open approach
0BV53CZ	Restriction of right middle lobe bronchus with extraluminal device, percutaneous approach
0BV53DZ	Restriction of right middle lobe bronchus with intraluminal device, percutaneous approach
0BV53ZZ	Restriction of right middle lobe bronchus, percutaneous approach
0BV54CZ	Restriction of right middle lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BV54DZ	Restriction of right middle lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BV54ZZ	Restriction of right middle lobe bronchus, percutaneous endoscopic approach
0BV57DZ	Restriction of right middle lobe bronchus with intraluminal device, via natural or artificial opening
0BV57ZZ	Restriction of right middle lobe bronchus, via natural or artificial opening
0BV58DZ	Restriction of right middle lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV58ZZ	Restriction of right middle lobe bronchus, via natural or artificial opening endoscopic
0BV60CZ	Restriction of right lower lobe bronchus with extraluminal device, open approach

0B713DZ	Dilation of trachea with intraluminal device, percutaneous approach
0B713ZZ	Dilation of trachea, percutaneous approach
0B714DZ	Dilation of trachea with intraluminal device, percutaneous endoscopic approach
0B714ZZ	Dilation of trachea, percutaneous endoscopic approach
0B717DZ	Dilation of trachea with intraluminal device, via natural or artificial opening
0B717ZZ	Dilation of trachea, via natural or artificial opening
0B718DZ	Dilation of trachea with intraluminal device, via natural or artificial opening endoscopic
0B718ZZ	Dilation of trachea, via natural or artificial opening endoscopic
0B720DZ	Dilation of carina with intraluminal device, open approach
0B720ZZ	Dilation of carina, open approach
0B723DZ	Dilation of carina with intraluminal device, percutaneous approach
0B723ZZ	Dilation of carina, percutaneous approach
0B724DZ	Dilation of carina with intraluminal device, percutaneous endoscopic approach
0B724ZZ	Dilation of carina, percutaneous endoscopic approach
0B727DZ	Dilation of carina with intraluminal device, via natural or artificial opening
0B727ZZ	Dilation of carina, via natural or artificial opening

0BV60DZ	Restriction of right lower lobe bronchus with intraluminal device, open approach
0BV60ZZ	Restriction of right lower lobe bronchus, open approach
0BV63CZ	Restriction of right lower lobe bronchus with extraluminal device, percutaneous approach
0BV63DZ	Restriction of right lower lobe bronchus with intraluminal device, percutaneous approach
0BV63ZZ	Restriction of right lower lobe bronchus, percutaneous approach
0BV64CZ	Restriction of right lower lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BV64DZ	Restriction of right lower lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BV64ZZ	Restriction of right lower lobe bronchus, percutaneous endoscopic approach
0BV67DZ	Restriction of right lower lobe bronchus with intraluminal device, via natural or artificial opening
0BV67ZZ	Restriction of right lower lobe bronchus, via natural or artificial opening
0BV68DZ	Restriction of right lower lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV68ZZ	Restriction of right lower lobe bronchus, via natural or artificial opening endoscopic
0BV70CZ	Restriction of left main bronchus with extraluminal device, open approach
0BV70DZ	Restriction of left main bronchus with intraluminal device, open approach
0BV70ZZ	Restriction of left main bronchus, open approach
0BV73CZ	Restriction of left main bronchus with extraluminal device, percutaneous approach

0B728DZ	Dilation of carina with intraluminal device, via natural or artificial opening endoscopic
0B728ZZ	Dilation of carina, via natural or artificial opening endoscopic
0B910ZX	Drainage of trachea, open approach, diagnostic
0B920ZX	Drainage of carina, open approach, diagnostic
0B9300Z	Drainage of right main bronchus with drainage device, open approach
0B930ZX	Drainage of right main bronchus, open approach, diagnostic
0B930ZZ	Drainage of right main bronchus, open approach
0B9330Z	Drainage of right main bronchus with drainage device, percutaneous approach
0B933ZZ	Drainage of right main bronchus, percutaneous approach
0B9340Z	Drainage of right main bronchus with drainage device, percutaneous endoscopic approach
0B934ZZ	Drainage of right main bronchus, percutaneous endoscopic approach
0B9370Z	Drainage of right main bronchus with drainage device, via natural or artificial opening
0B937ZZ	Drainage of right main bronchus, via natural or artificial opening
0B9380Z	Drainage of right main bronchus with drainage device, via natural or artificial opening endoscopic
0B938ZZ	Drainage of right main bronchus, via natural or artificial opening endoscopic
0B9400Z	Drainage of right upper lobe bronchus with drainage device, open approach
0BV73DZ	Restriction of left main bronchus with intraluminal device, percutaneous approach
0BV73ZZ	Restriction of left main bronchus, percutaneous approach
0BV74CZ	Restriction of left main bronchus with extraluminal device, percutaneous endoscopic approach
0BV74DZ	Restriction of left main bronchus with intraluminal device, percutaneous endoscopic approach
0BV74ZZ	Restriction of left main bronchus, percutaneous endoscopic approach
0BV77DZ	Restriction of left main bronchus with intraluminal device, via natural or artificial opening
0BV77ZZ	Restriction of left main bronchus, via natural or artificial opening
0BV78DZ	Restriction of left main bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV78ZZ	Restriction of left main bronchus, via natural or artificial opening endoscopic
0BV80CZ	Restriction of left upper lobe bronchus with extraluminal device, open approach
0BV80DZ	Restriction of left upper lobe bronchus with intraluminal device, open approach
0BV80ZZ	Restriction of left upper lobe bronchus, open approach
0BV83CZ	Restriction of left upper lobe bronchus with extraluminal device, percutaneous approach
0BV83DZ	Restriction of left upper lobe bronchus with intraluminal device, percutaneous approach
0BV83ZZ	Restriction of left upper lobe bronchus, percutaneous approach
0BV84CZ	Restriction of left upper lobe bronchus with extraluminal device, percutaneous endoscopic approach

0B940ZX	Drainage of right upper lobe bronchus, open approach, diagnostic
0B940ZZ	Drainage of right upper lobe bronchus, open approach
0B9430Z	Drainage of right upper lobe bronchus with drainage device, percutaneous approach
0B943ZZ	Drainage of right upper lobe bronchus, percutaneous approach
0B9440Z	Drainage of right upper lobe bronchus with drainage device, percutaneous endoscopic approach
0B944ZZ	Drainage of right upper lobe bronchus, percutaneous endoscopic approach
0B9470Z	Drainage of right upper lobe bronchus with drainage device, via natural or artificial opening
0B947ZZ	Drainage of right upper lobe bronchus, via natural or artificial opening
0B9480Z	Drainage of right upper lobe bronchus with drainage device, via natural or artificial opening endoscopic
0B948ZZ	Drainage of right upper lobe bronchus, via natural or artificial opening endoscopic
0B9500Z	Drainage of right middle lobe bronchus with drainage device, open approach
0B950ZX	Drainage of right middle lobe bronchus, open approach, diagnostic
0B950ZZ	Drainage of right middle lobe bronchus, open approach
0B9530Z	Drainage of right middle lobe bronchus with drainage device, percutaneous approach
0B953ZZ	Drainage of right middle lobe bronchus, percutaneous approach
0B9540Z	Drainage of right middle lobe bronchus with drainage device, percutaneous endoscopic approach

0BV84DZ	Restriction of left upper lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BV84ZZ	Restriction of left upper lobe bronchus, percutaneous endoscopic approach
0BV87DZ	Restriction of left upper lobe bronchus with intraluminal device, via natural or artificial opening
0BV87ZZ	Restriction of left upper lobe bronchus, via natural or artificial opening
0BV88DZ	Restriction of left upper lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV88ZZ	Restriction of left upper lobe bronchus, via natural or artificial opening endoscopic
0BV90CZ	Restriction of lingula bronchus with extraluminal device, open approach
0BV90DZ	Restriction of lingula bronchus with intraluminal device, open approach
0BV90ZZ	Restriction of lingula bronchus, open approach
0BV93CZ	Restriction of lingula bronchus with extraluminal device, percutaneous approach
0BV93DZ	Restriction of lingula bronchus with intraluminal device, percutaneous approach
0BV93ZZ	Restriction of lingula bronchus, percutaneous approach
0BV94CZ	Restriction of lingula bronchus with extraluminal device, percutaneous endoscopic approach
0BV94DZ	Restriction of lingula bronchus with intraluminal device, percutaneous endoscopic approach
0BV94ZZ	Restriction of lingula bronchus, percutaneous endoscopic approach
0BV97DZ	Restriction of lingula bronchus with intraluminal device, via natural or artificial opening

0B954ZZ	Drainage of right middle lobe bronchus, percutaneous endoscopic approach
0B9570Z	Drainage of right middle lobe bronchus with drainage device, via natural or artificial opening
0B957ZZ	Drainage of right middle lobe bronchus, via natural or artificial opening
0B9580Z	Drainage of right middle lobe bronchus with drainage device, via natural or artificial opening endoscopic
0B958ZZ	Drainage of right middle lobe bronchus, via natural or artificial opening endoscopic
0B9600Z	Drainage of right lower lobe bronchus with drainage device, open approach
0B960ZX	Drainage of right lower lobe bronchus, open approach, diagnostic
0B960ZZ	Drainage of right lower lobe bronchus, open approach
0B9630Z	Drainage of right lower lobe bronchus with drainage device, percutaneous approach
0B963ZZ	Drainage of right lower lobe bronchus, percutaneous approach
0B9640Z	Drainage of right lower lobe bronchus with drainage device, percutaneous endoscopic approach
0B964ZZ	Drainage of right lower lobe bronchus, percutaneous endoscopic approach
0B9670Z	Drainage of right lower lobe bronchus with drainage device, via natural or artificial opening
0B967ZZ	Drainage of right lower lobe bronchus, via natural or artificial opening
0B9680Z	Drainage of right lower lobe bronchus with drainage device, via natural or artificial opening endoscopic

0BV97ZZ	Restriction of lingula bronchus, via natural or artificial opening
0BV98DZ	Restriction of lingula bronchus with intraluminal device, via natural or artificial opening endoscopic
0BV98ZZ	Restriction of lingula bronchus, via natural or artificial opening endoscopic
0BVB0CZ	Restriction of left lower lobe bronchus with extraluminal device, open approach
0BVB0DZ	Restriction of left lower lobe bronchus with intraluminal device, open approach
0BVB0ZZ	Restriction of left lower lobe bronchus, open approach
0BVB3CZ	Restriction of left lower lobe bronchus with extraluminal device, percutaneous approach
0BVB3DZ	Restriction of left lower lobe bronchus with intraluminal device, percutaneous approach
0BVB3ZZ	Restriction of left lower lobe bronchus, percutaneous approach
0BVB4CZ	Restriction of left lower lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BVB4DZ	Restriction of left lower lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BVB4ZZ	Restriction of left lower lobe bronchus, percutaneous endoscopic approach
0BVB7DZ	Restriction of left lower lobe bronchus with intraluminal device, via natural or artificial opening
0BVB7ZZ	Restriction of left lower lobe bronchus, via natural or artificial opening
0BVB8DZ	Restriction of left lower lobe bronchus with intraluminal device, via natural or artificial opening endoscopic

0B968ZZ	Drainage of right lower lobe bronchus, via natural or artificial opening endoscopic
0B9700Z	Drainage of left main bronchus with drainage device, open approach
0B970ZX	Drainage of left main bronchus, open approach, diagnostic
0B970ZZ	Drainage of left main bronchus, open approach
0B9730Z	Drainage of left main bronchus with drainage device, percutaneous approach
0B973ZZ	Drainage of left main bronchus, percutaneous approach
0B9740Z	Drainage of left main bronchus with drainage device, percutaneous endoscopic approach
0B974ZZ	Drainage of left main bronchus, percutaneous endoscopic approach
0B9770Z	Drainage of left main bronchus with drainage device, via natural or artificial opening
0B977ZZ	Drainage of left main bronchus, via natural or artificial opening
0B9780Z	Drainage of left main bronchus with drainage device, via natural or artificial opening endoscopic
0B978ZZ	Drainage of left main bronchus, via natural or artificial opening endoscopic
0B9800Z	Drainage of left upper lobe bronchus with drainage device, open approach
0B980ZX	Drainage of left upper lobe bronchus, open approach, diagnostic
0B980ZZ	Drainage of left upper lobe bronchus, open approach
0B9830Z	Drainage of left upper lobe bronchus with drainage device, percutaneous approach
0BVB8ZZ	Restriction of left lower lobe bronchus, via natural or artificial opening endoscopic
0BW000Z	Revision of drainage device in tracheobronchial tree, open approach
0BW002Z	Revision of monitoring device in tracheobronchial tree, open approach
0BW00CZ	Revision of extraluminal device in tracheobronchial tree, open approach
0BW00DZ	Revision of intraluminal device in tracheobronchial tree, open approach
0BW00JZ	Revision of synthetic substitute in tracheobronchial tree, open approach
0BW00KZ	Revision of nonautologous tissue substitute in tracheobronchial tree, open approach
0BW00YZ	Revision of other device in tracheobronchial tree, open approach
0BW030Z	Revision of drainage device in tracheobronchial tree, percutaneous approach
0BW032Z	Revision of monitoring device in tracheobronchial tree, percutaneous approach
0BW03CZ	Revision of extraluminal device in tracheobronchial tree, percutaneous approach
0BW03DZ	Revision of intraluminal device in tracheobronchial tree, percutaneous approach
0BW03JZ	Revision of synthetic substitute in tracheobronchial tree, percutaneous approach
0BW03KZ	Revision of nonautologous tissue substitute in tracheobronchial tree, percutaneous approach
0BW03YZ	Revision of other device in tracheobronchial tree, percutaneous approach
0BW040Z	Revision of drainage device in tracheobronchial tree, percutaneous endoscopic approach

0B983ZZ	Drainage of left upper lobe bronchus, percutaneous approach
0B9840Z	Drainage of left upper lobe bronchus with drainage device, percutaneous endoscopic approach
0B984ZZ	Drainage of left upper lobe bronchus, percutaneous endoscopic approach
0B9870Z	Drainage of left upper lobe bronchus with drainage device, via natural or artificial opening
0B987ZZ	Drainage of left upper lobe bronchus, via natural or artificial opening
0B9880Z	Drainage of left upper lobe bronchus with drainage device, via natural or artificial opening endoscopic
0B988ZZ	Drainage of left upper lobe bronchus, via natural or artificial opening endoscopic
0B9900Z	Drainage of lingula bronchus with drainage device, open approach
0B990ZX	Drainage of lingula bronchus, open approach, diagnostic
0B990ZZ	Drainage of lingula bronchus, open approach
0B9930Z	Drainage of lingula bronchus with drainage device, percutaneous approach
0B993ZZ	Drainage of lingula bronchus, percutaneous approach
0B9940Z	Drainage of lingula bronchus with drainage device, percutaneous endoscopic approach
0B994ZZ	Drainage of lingula bronchus, percutaneous endoscopic approach
0B9970Z	Drainage of lingula bronchus with drainage device, via natural or artificial opening
0B997ZZ	Drainage of lingula bronchus, via natural or artificial opening

0BW042Z	Revision of monitoring device in tracheobronchial tree, percutaneous endoscopic approach
0BW04CZ	Revision of extraluminal device in tracheobronchial tree, percutaneous endoscopic approach
0BW04DZ	Revision of intraluminal device in tracheobronchial tree, percutaneous endoscopic approach
0BW04JZ	Revision of synthetic substitute in tracheobronchial tree, percutaneous endoscopic approach
0BW04KZ	Revision of nonautologous tissue substitute in tracheobronchial tree, percutaneous endoscopic approach
0BW04YZ	Revision of other device in tracheobronchial tree, percutaneous endoscopic approach
0BWK00Z	Revision of drainage device in right lung, open approach
0BWK02Z	Revision of monitoring device in right lung, open approach
0BWK03Z	Revision of infusion device in right lung, open approach
0BWK0YZ	Revision of other device in right lung, open approach
0BWK30Z	Revision of drainage device in right lung, percutaneous approach
0BWK32Z	Revision of monitoring device in right lung, percutaneous approach
0BWK33Z	Revision of infusion device in right lung, percutaneous approach
0BWK3YZ	Revision of other device in right lung, percutaneous approach
0BWK40Z	Revision of drainage device in right lung, percutaneous endoscopic approach
0BWK42Z	Revision of monitoring device in right lung, percutaneous endoscopic approach

0B9980Z	Drainage of lingula bronchus with drainage device, via natural or artificial opening endoscopic
0B998ZZ	Drainage of lingula bronchus, via natural or artificial opening endoscopic
0B9B00Z	Drainage of left lower lobe bronchus with drainage device, open approach
0B9B0ZX	Drainage of left lower lobe bronchus, open approach, diagnostic
0B9B0ZZ	Drainage of left lower lobe bronchus, open approach
0B9B30Z	Drainage of left lower lobe bronchus with drainage device, percutaneous approach
0B9B3ZZ	Drainage of left lower lobe bronchus, percutaneous approach
0B9B40Z	Drainage of left lower lobe bronchus with drainage device, percutaneous endoscopic approach
0B9B4ZZ	Drainage of left lower lobe bronchus, percutaneous endoscopic approach
0B9B70Z	Drainage of left lower lobe bronchus with drainage device, via natural or artificial opening
0B9B7ZZ	Drainage of left lower lobe bronchus, via natural or artificial opening
0B9B80Z	Drainage of left lower lobe bronchus with drainage device, via natural or artificial opening endoscopic
0B9B8ZZ	Drainage of left lower lobe bronchus, via natural or artificial opening endoscopic
0B9C00Z	Drainage of right upper lung lobe with drainage device, open approach
0B9C0ZX	Drainage of right upper lung lobe, open approach, diagnostic
0B9C0ZZ	Drainage of right upper lung lobe, open approach
0B9C30Z	Drainage of right upper lung lobe with drainage device, percutaneous approach
0B9C3ZX	Drainage of right upper lung lobe, percutaneous approach, diagnostic

0BWK43Z	Revision of infusion device in right lung, percutaneous endoscopic approach
0BWK4YZ	Revision of other device in right lung, percutaneous endoscopic approach
0BWK70Z	Revision of drainage device in right lung, via natural or artificial opening
0BWK72Z	Revision of monitoring device in right lung, via natural or artificial opening
0BWK73Z	Revision of infusion device in right lung, via natural or artificial opening
0BWK7YZ	Revision of other device in right lung, via natural or artificial opening
0BWK80Z	Revision of drainage device in right lung, via natural or artificial opening endoscopic
0BWK82Z	Revision of monitoring device in right lung, via natural or artificial opening endoscopic
0BWK83Z	Revision of infusion device in right lung, via natural or artificial opening endoscopic
0BWK8YZ	Revision of other device in right lung, via natural or artificial opening endoscopic
0BWL00Z	Revision of drainage device in left lung, open approach
0BWL02Z	Revision of monitoring device in left lung, open approach
0BWL03Z	Revision of infusion device in left lung, open approach
0BWL0YZ	Revision of other device in left lung, open approach
0BWL30Z	Revision of drainage device in left lung, percutaneous approach
0BWL32Z	Revision of monitoring device in left lung, percutaneous approach
0BWL33Z	Revision of infusion device in left lung, percutaneous approach
0BWL3YZ	Revision of other device in left lung, percutaneous approach

0B9C3ZZ	Drainage of right upper lung lobe, percutaneous approach
0B9C40Z	Drainage of right upper lung lobe with drainage device, percutaneous endoscopic approach
0B9C4ZX	Drainage of right upper lung lobe, percutaneous endoscopic approach, diagnostic
0B9C4ZZ	Drainage of right upper lung lobe, percutaneous endoscopic approach
0B9C70Z	Drainage of right upper lung lobe with drainage device, via natural or artificial opening
0B9C7ZX	Drainage of right upper lung lobe, via natural or artificial opening, diagnostic
0B9C7ZZ	Drainage of right upper lung lobe, via natural or artificial opening
0B9C80Z	Drainage of right upper lung lobe with drainage device, via natural or artificial opening endoscopic
0B9C8ZX	Drainage of right upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0B9C8ZZ	Drainage of right upper lung lobe, via natural or artificial opening endoscopic
0B9D00Z	Drainage of right middle lung lobe with drainage device, open approach
0B9D0ZX	Drainage of right middle lung lobe, open approach, diagnostic
0B9D0ZZ	Drainage of right middle lung lobe, open approach
0B9D30Z	Drainage of right middle lung lobe with drainage device, percutaneous approach
0B9D3ZX	Drainage of right middle lung lobe, percutaneous approach, diagnostic
0B9D3ZZ	Drainage of right middle lung lobe, percutaneous approach
0B9D40Z	Drainage of right middle lung lobe with drainage device, percutaneous endoscopic approach

0BWL40Z	Revision of drainage device in left lung, percutaneous endoscopic approach
0BWL42Z	Revision of monitoring device in left lung, percutaneous endoscopic approach
0BWL43Z	Revision of infusion device in left lung, percutaneous endoscopic approach
0BWL4YZ	Revision of other device in left lung, percutaneous endoscopic approach
0BWL70Z	Revision of drainage device in left lung, via natural or artificial opening
0BWL72Z	Revision of monitoring device in left lung, via natural or artificial opening
0BWL73Z	Revision of infusion device in left lung, via natural or artificial opening
0BWL7YZ	Revision of other device in left lung, via natural or artificial opening
0BWL80Z	Revision of drainage device in left lung, via natural or artificial opening endoscopic
0BWL82Z	Revision of monitoring device in left lung, via natural or artificial opening endoscopic
0BWL83Z	Revision of infusion device in left lung, via natural or artificial opening endoscopic
0BWL8YZ	Revision of other device in left lung, via natural or artificial opening endoscopic
0BWQ00Z	Revision of drainage device in pleura, open approach
0BWQ02Z	Revision of monitoring device in pleura, open approach
0BWQ0YZ	Revision of other device in pleura, open approach
0BWQ30Z	Revision of drainage device in pleura, percutaneous approach
0BWQ32Z	Revision of monitoring device in pleura, percutaneous approach

0B9D4ZX	Drainage of right middle lung lobe, percutaneous endoscopic approach, diagnostic
0B9D4ZZ	Drainage of right middle lung lobe, percutaneous endoscopic approach
0B9D70Z	Drainage of right middle lung lobe with drainage device, via natural or artificial opening
0B9D7ZX	Drainage of right middle lung lobe, via natural or artificial opening, diagnostic
0B9D7ZZ	Drainage of right middle lung lobe, via natural or artificial opening
0B9D80Z	Drainage of right middle lung lobe with drainage device, via natural or artificial opening endoscopic
0B9D8ZX	Drainage of right middle lung lobe, via natural or artificial opening endoscopic, diagnostic
0B9D8ZZ	Drainage of right middle lung lobe, via natural or artificial opening endoscopic
0B9F00Z	Drainage of right lower lung lobe with drainage device, open approach
0B9F0ZX	Drainage of right lower lung lobe, open approach, diagnostic
0B9F0ZZ	Drainage of right lower lung lobe, open approach
0B9F30Z	Drainage of right lower lung lobe with drainage device, percutaneous approach
0B9F3ZX	Drainage of right lower lung lobe, percutaneous approach, diagnostic
0B9F3ZZ	Drainage of right lower lung lobe, percutaneous approach
0B9F40Z	Drainage of right lower lung lobe with drainage device, percutaneous endoscopic approach
0B9F4ZX	Drainage of right lower lung lobe, percutaneous endoscopic approach, diagnostic
0B9F4ZZ	Drainage of right lower lung lobe, percutaneous endoscopic approach
0BWQ3YZ	Revision of other device in pleura, percutaneous approach
0BWQ40Z	Revision of drainage device in pleura, percutaneous endoscopic approach
0BWQ42Z	Revision of monitoring device in pleura, percutaneous endoscopic approach
0BWQ4YZ	Revision of other device in pleura, percutaneous endoscopic approach
0BWQ70Z	Revision of drainage device in pleura, via natural or artificial opening
0BWQ72Z	Revision of monitoring device in pleura, via natural or artificial opening
0BWQ7YZ	Revision of other device in pleura, via natural or artificial opening
0BWQ80Z	Revision of drainage device in pleura, via natural or artificial opening endoscopic
0BWQ82Z	Revision of monitoring device in pleura, via natural or artificial opening endoscopic
0BWQ8YZ	Revision of other device in pleura, via natural or artificial opening endoscopic
0BWT00Z	Revision of drainage device in diaphragm, open approach
0BWT02Z	Revision of monitoring device in diaphragm, open approach
0BWT07Z	Revision of autologous tissue substitute in diaphragm, open approach
0BWT0JZ	Revision of synthetic substitute in diaphragm, open approach
0BWT0KZ	Revision of nonautologous tissue substitute in diaphragm, open approach
0BWT0MZ	Revision of diaphragmatic pacemaker lead in diaphragm, open approach
0BWT0YZ	Revision of other device in diaphragm, open approach

0B9F70Z	Drainage of right lower lung lobe with drainage device, via natural or artificial opening
0B9F7ZX	Drainage of right lower lung lobe, via natural or artificial opening, diagnostic
0B9F7ZZ	Drainage of right lower lung lobe, via natural or artificial opening
0B9F80Z	Drainage of right lower lung lobe with drainage device, via natural or artificial opening endoscopic
0B9F8ZX	Drainage of right lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0B9F8ZZ	Drainage of right lower lung lobe, via natural or artificial opening endoscopic
0B9G00Z	Drainage of left upper lung lobe with drainage device, open approach
0B9G0ZX	Drainage of left upper lung lobe, open approach, diagnostic
0B9G0ZZ	Drainage of left upper lung lobe, open approach
0B9G30Z	Drainage of left upper lung lobe with drainage device, percutaneous approach
0B9G3ZX	Drainage of left upper lung lobe, percutaneous approach, diagnostic
0B9G3ZZ	Drainage of left upper lung lobe, percutaneous approach
0B9G40Z	Drainage of left upper lung lobe with drainage device, percutaneous endoscopic approach
0B9G4ZX	Drainage of left upper lung lobe, percutaneous endoscopic approach, diagnostic
0B9G4ZZ	Drainage of left upper lung lobe, percutaneous endoscopic approach
0BWT30Z	Revision of drainage device in diaphragm, percutaneous approach
0BWT32Z	Revision of monitoring device in diaphragm, percutaneous approach
0BWT37Z	Revision of autologous tissue substitute in diaphragm, percutaneous approach
0BWT3JZ	Revision of synthetic substitute in diaphragm, percutaneous approach
0BWT3KZ	Revision of nonautologous tissue substitute in diaphragm, percutaneous approach
0BWT3MZ	Revision of diaphragmatic pacemaker lead in diaphragm, percutaneous approach
0BWT3YZ	Revision of other device in diaphragm, percutaneous approach
0BWT40Z	Revision of drainage device in diaphragm, percutaneous endoscopic approach
0BWT42Z	Revision of monitoring device in diaphragm, percutaneous endoscopic approach
0BWT47Z	Revision of autologous tissue substitute in diaphragm, percutaneous endoscopic approach
0BWT4JZ	Revision of synthetic substitute in diaphragm, percutaneous endoscopic approach
0BWT4KZ	Revision of nonautologous tissue substitute in diaphragm, percutaneous endoscopic approach
0BWT4MZ	Revision of diaphragmatic pacemaker lead in diaphragm, percutaneous endoscopic approach
0BWT4YZ	Revision of other device in diaphragm, percutaneous endoscopic approach
0BWT70Z	Revision of drainage device in diaphragm, via natural or artificial opening

0B9G70Z	Drainage of left upper lung lobe with drainage device, via natural or artificial opening
0B9G7ZX	Drainage of left upper lung lobe, via natural or artificial opening, diagnostic
0B9G7ZZ	Drainage of left upper lung lobe, via natural or artificial opening
0B9G80Z	Drainage of left upper lung lobe with drainage device, via natural or artificial opening endoscopic
0B9G8ZX	Drainage of left upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0B9G8ZZ	Drainage of left upper lung lobe, via natural or artificial opening endoscopic
0B9H00Z	Drainage of lung lingula with drainage device, open approach
0B9H0ZX	Drainage of lung lingula, open approach, diagnostic
0B9H0ZZ	Drainage of lung lingula, open approach
0B9H30Z	Drainage of lung lingula with drainage device, percutaneous approach
0B9H3ZX	Drainage of lung lingula, percutaneous approach, diagnostic
0B9H3ZZ	Drainage of lung lingula, percutaneous approach
0B9H40Z	Drainage of lung lingula with drainage device, percutaneous endoscopic approach
0B9H4ZX	Drainage of lung lingula, percutaneous endoscopic approach, diagnostic
0B9H4ZZ	Drainage of lung lingula, percutaneous endoscopic approach
0B9H70Z	Drainage of lung lingula with drainage device, via natural or artificial opening
0BWT72Z	Revision of monitoring device in diaphragm, via natural or artificial opening
0BWT77Z	Revision of autologous tissue substitute in diaphragm, via natural or artificial opening
0BWT7JZ	Revision of synthetic substitute in diaphragm, via natural or artificial opening
0BWT7KZ	Revision of nonautologous tissue substitute in diaphragm, via natural or artificial opening
0BWT7MZ	Revision of diaphragmatic pacemaker lead in diaphragm, via natural or artificial opening
0BWT7YZ	Revision of other device in diaphragm, via natural or artificial opening
0BWT80Z	Revision of drainage device in diaphragm, via natural or artificial opening endoscopic
0BWT82Z	Revision of monitoring device in diaphragm, via natural or artificial opening endoscopic
0BWT87Z	Revision of autologous tissue substitute in diaphragm, via natural or artificial opening endoscopic
0BWT8JZ	Revision of synthetic substitute in diaphragm, via natural or artificial opening endoscopic
0BWT8KZ	Revision of nonautologous tissue substitute in diaphragm, via natural or artificial opening endoscopic
0BWT8MZ	Revision of diaphragmatic pacemaker lead in diaphragm, via natural or artificial opening endoscopic
0BWT8YZ	Revision of other device in diaphragm, via natural or artificial opening endoscopic
0BYC0Z0	Transplantation of right upper lung lobe, allogeneic, open approach
0BYC0Z1	Transplantation of right upper lung lobe, syngeneic, open approach
0BYC0Z2	Transplantation of right upper lung lobe, zooplastic, open approach

0B9H7ZX	Drainage of lung lingula, via natural or artificial opening, diagnostic
0B9H7ZZ	Drainage of lung lingula, via natural or artificial opening
0B9H80Z	Drainage of lung lingula with drainage device, via natural or artificial opening endoscopic
0B9H8ZX	Drainage of lung lingula, via natural or artificial opening endoscopic, diagnostic
0B9H8ZZ	Drainage of lung lingula, via natural or artificial opening endoscopic
0B9J00Z	Drainage of left lower lung lobe with drainage device, open approach
0B9J0ZX	Drainage of left lower lung lobe, open approach, diagnostic
0B9J0ZZ	Drainage of left lower lung lobe, open approach
0B9J30Z	Drainage of left lower lung lobe with drainage device, percutaneous approach
0B9J3ZX	Drainage of left lower lung lobe, percutaneous approach, diagnostic
0B9J3ZZ	Drainage of left lower lung lobe, percutaneous approach
0B9J40Z	Drainage of left lower lung lobe with drainage device, percutaneous endoscopic approach
0B9J4ZX	Drainage of left lower lung lobe, percutaneous endoscopic approach, diagnostic
0B9J4ZZ	Drainage of left lower lung lobe, percutaneous endoscopic approach
0B9J70Z	Drainage of left lower lung lobe with drainage device, via natural or artificial opening
0B9J7ZX	Drainage of left lower lung lobe, via natural or artificial opening, diagnostic
0B9J7ZZ	Drainage of left lower lung lobe, via natural or artificial opening
0B9J80Z	Drainage of left lower lung lobe with drainage device, via natural or artificial opening endoscopic
0BYD0Z0	Transplantation of right middle lung lobe, allogeneic, open approach
0BYD0Z1	Transplantation of right middle lung lobe, syngeneic, open approach
0BYD0Z2	Transplantation of right middle lung lobe, zooplastic, open approach
0BYF0Z0	Transplantation of right lower lung lobe, allogeneic, open approach
0BYF0Z1	Transplantation of right lower lung lobe, syngeneic, open approach
0BYF0Z2	Transplantation of right lower lung lobe, zooplastic, open approach
0BYG0Z0	Transplantation of left upper lung lobe, allogeneic, open approach
0BYG0Z1	Transplantation of left upper lung lobe, syngeneic, open approach
0BYG0Z2	Transplantation of left upper lung lobe, zooplastic, open approach
0BYH0Z0	Transplantation of lung lingula, allogeneic, open approach
0BYH0Z1	Transplantation of lung lingula, syngeneic, open approach
0BYH0Z2	Transplantation of lung lingula, zooplastic, open approach
0BYJ0Z0	Transplantation of left lower lung lobe, allogeneic, open approach
0BYJ0Z1	Transplantation of left lower lung lobe, syngeneic, open approach
0BYJ0Z2	Transplantation of left lower lung lobe, zooplastic, open approach
0BYK0Z0	Transplantation of right lung, allogeneic, open approach
0BYK0Z1	Transplantation of right lung, syngeneic, open approach
0BYK0Z2	Transplantation of right lung, zooplastic, open approach

0B9J8ZX	Drainage of left lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0B9J8ZZ	Drainage of left lower lung lobe, via natural or artificial opening endoscopic
0B9K00Z	Drainage of right lung with drainage device, open approach
0B9K0ZX	Drainage of right lung, open approach, diagnostic
0B9K0ZZ	Drainage of right lung, open approach
0B9K30Z	Drainage of right lung with drainage device, percutaneous approach
0B9K3ZX	Drainage of right lung, percutaneous approach, diagnostic
0B9K3ZZ	Drainage of right lung, percutaneous approach
0B9K40Z	Drainage of right lung with drainage device, percutaneous endoscopic approach
0B9K4ZX	Drainage of right lung, percutaneous endoscopic approach, diagnostic
0B9K4ZZ	Drainage of right lung, percutaneous endoscopic approach
0B9K70Z	Drainage of right lung with drainage device, via natural or artificial opening
0B9K7ZX	Drainage of right lung, via natural or artificial opening, diagnostic
0B9K7ZZ	Drainage of right lung, via natural or artificial opening
0B9K80Z	Drainage of right lung with drainage device, via natural or artificial opening endoscopic
0B9K8ZX	Drainage of right lung, via natural or artificial opening endoscopic, diagnostic
0B9K8ZZ	Drainage of right lung, via natural or artificial opening endoscopic
0B9L00Z	Drainage of left lung with drainage device, open approach
0B9L0ZX	Drainage of left lung, open approach, diagnostic
0BYL0Z0	Transplantation of left lung, allogeneic, open approach
0BYL0Z1	Transplantation of left lung, syngeneic, open approach
0BYL0Z2	Transplantation of left lung, zooplastic, open approach
0BYM0Z0	Transplantation of bilateral lungs, allogeneic, open approach
0BYM0Z1	Transplantation of bilateral lungs, syngeneic, open approach
0BYM0Z2	Transplantation of bilateral lungs, zooplastic, open approach
0C9R0ZX	Drainage of epiglottis, open approach, diagnostic
0C9S0ZX	Drainage of larynx, open approach, diagnostic
0C9T0ZX	Drainage of right vocal cord, open approach, diagnostic
0C9V0ZX	Drainage of left vocal cord, open approach, diagnostic
0CBR0ZX	Excision of epiglottis, open approach, diagnostic
0CBS0ZX	Excision of larynx, open approach, diagnostic
0CBT0ZX	Excision of right vocal cord, open approach, diagnostic
0CBV0ZX	Excision of left vocal cord, open approach, diagnostic
0D11074	Bypass upper esophagus to cutaneous with autologous tissue substitute, open approach
0D11076	Bypass upper esophagus to stomach with autologous tissue substitute, open approach
0D11079	Bypass upper esophagus to duodenum with autologous tissue substitute, open approach
0D1107A	Bypass upper esophagus to jejunum with autologous tissue substitute, open approach
0D1107B	Bypass upper esophagus to ileum with autologous tissue substitute, open approach

0B9L0ZZ	Drainage of left lung, open approach
0B9L30Z	Drainage of left lung with drainage device, percutaneous approach
0B9L3ZX	Drainage of left lung, percutaneous approach, diagnostic
0B9L3ZZ	Drainage of left lung, percutaneous approach
0B9L40Z	Drainage of left lung with drainage device, percutaneous endoscopic approach
0B9L4ZX	Drainage of left lung, percutaneous endoscopic approach, diagnostic
0B9L4ZZ	Drainage of left lung, percutaneous endoscopic approach
0B9L70Z	Drainage of left lung with drainage device, via natural or artificial opening
0B9L7ZX	Drainage of left lung, via natural or artificial opening, diagnostic
0B9L7ZZ	Drainage of left lung, via natural or artificial opening
0B9L80Z	Drainage of left lung with drainage device, via natural or artificial opening endoscopic
0B9L8ZX	Drainage of left lung, via natural or artificial opening endoscopic, diagnostic
0B9L8ZZ	Drainage of left lung, via natural or artificial opening endoscopic
0B9M00Z	Drainage of bilateral lungs with drainage device, open approach
0B9M0ZX	Drainage of bilateral lungs, open approach, diagnostic
0B9M0ZZ	Drainage of bilateral lungs, open approach
0D110J4	Bypass upper esophagus to cutaneous with synthetic substitute, open approach
0D110J6	Bypass upper esophagus to stomach with synthetic substitute, open approach
0D110J9	Bypass upper esophagus to duodenum with synthetic substitute, open approach
0D110JA	Bypass upper esophagus to jejunum with synthetic substitute, open approach
0D110JB	Bypass upper esophagus to ileum with synthetic substitute, open approach
0D110K4	Bypass upper esophagus to cutaneous with nonautologous tissue substitute, open approach
0D110K6	Bypass upper esophagus to stomach with nonautologous tissue substitute, open approach
0D110K9	Bypass upper esophagus to duodenum with nonautologous tissue substitute, open approach
0D110KA	Bypass upper esophagus to jejunum with nonautologous tissue substitute, open approach
0D110KB	Bypass upper esophagus to ileum with nonautologous tissue substitute, open approach
0D110Z4	Bypass upper esophagus to cutaneous, open approach
0D110Z6	Bypass upper esophagus to stomach, open approach
0D110Z9	Bypass upper esophagus to duodenum, open approach
0D110ZA	Bypass upper esophagus to jejunum, open approach
0D110ZB	Bypass upper esophagus to ileum, open approach
0D113J4	Bypass upper esophagus to cutaneous with synthetic substitute, percutaneous approach

0B9M30Z	Drainage of bilateral lungs with drainage device, percutaneous approach
0B9M3ZX	Drainage of bilateral lungs, percutaneous approach, diagnostic
0B9M3ZZ	Drainage of bilateral lungs, percutaneous approach
0B9M40Z	Drainage of bilateral lungs with drainage device, percutaneous endoscopic approach
0B9M4ZX	Drainage of bilateral lungs, percutaneous endoscopic approach, diagnostic
0B9M4ZZ	Drainage of bilateral lungs, percutaneous endoscopic approach
0B9M70Z	Drainage of bilateral lungs with drainage device, via natural or artificial opening
0B9M7ZX	Drainage of bilateral lungs, via natural or artificial opening, diagnostic
0B9M7ZZ	Drainage of bilateral lungs, via natural or artificial opening
0B9M80Z	Drainage of bilateral lungs with drainage device, via natural or artificial opening endoscopic
0B9M8ZX	Drainage of bilateral lungs, via natural or artificial opening endoscopic, diagnostic
0B9M8ZZ	Drainage of bilateral lungs, via natural or artificial opening endoscopic
0B9N00Z	Drainage of right pleura with drainage device, open approach
0B9N0ZX	Drainage of right pleura, open approach, diagnostic
0B9N0ZZ	Drainage of right pleura, open approach
0D11474	Bypass upper esophagus to cutaneous with autologous tissue substitute, percutaneous endoscopic approach
0D11476	Bypass upper esophagus to stomach with autologous tissue substitute, percutaneous endoscopic approach
0D11479	Bypass upper esophagus to duodenum with autologous tissue substitute, percutaneous endoscopic approach
0D1147A	Bypass upper esophagus to jejunum with autologous tissue substitute, percutaneous endoscopic approach
0D1147B	Bypass upper esophagus to ileum with autologous tissue substitute, percutaneous endoscopic approach
0D114J4	Bypass upper esophagus to cutaneous with synthetic substitute, percutaneous endoscopic approach
0D114J6	Bypass upper esophagus to stomach with synthetic substitute, percutaneous endoscopic approach
0D114J9	Bypass upper esophagus to duodenum with synthetic substitute, percutaneous endoscopic approach
0D114JA	Bypass upper esophagus to jejunum with synthetic substitute, percutaneous endoscopic approach
0D114JB	Bypass upper esophagus to ileum with synthetic substitute, percutaneous endoscopic approach
0D114K4	Bypass upper esophagus to cutaneous with nonautologous tissue substitute, percutaneous endoscopic approach
0D114K6	Bypass upper esophagus to stomach with nonautologous tissue substitute, percutaneous endoscopic approach
0D114K9	Bypass upper esophagus to duodenum with nonautologous tissue substitute, percutaneous endoscopic approach
0D114KA	Bypass upper esophagus to jejunum with nonautologous tissue substitute, percutaneous endoscopic approach
0D114KB	Bypass upper esophagus to ileum with nonautologous tissue substitute, percutaneous endoscopic approach

0B9N30Z	Drainage of right pleura with drainage device, percutaneous approach
0B9N3ZX	Drainage of right pleura, percutaneous approach, diagnostic
0B9N4ZX	Drainage of right pleura, percutaneous endoscopic approach, diagnostic
0B9N80Z	Drainage of right pleura with drainage device, via natural or artificial opening endoscopic
0B9N8ZX	Drainage of right pleura, via natural or artificial opening endoscopic, diagnostic
0B9N8ZZ	Drainage of right pleura, via natural or artificial opening endoscopic
0B9P00Z	Drainage of left pleura with drainage device, open approach
0B9P0ZX	Drainage of left pleura, open approach, diagnostic
0B9P0ZZ	Drainage of left pleura, open approach
0B9P30Z	Drainage of left pleura with drainage device, percutaneous approach
0B9P3ZX	Drainage of left pleura, percutaneous approach, diagnostic
0B9P4ZX	Drainage of left pleura, percutaneous endoscopic approach, diagnostic
0B9P80Z	Drainage of left pleura with drainage device, via natural or artificial opening endoscopic
0B9P8ZX	Drainage of left pleura, via natural or artificial opening endoscopic, diagnostic
0B9P8ZZ	Drainage of left pleura, via natural or artificial opening endoscopic

0D114Z4	Bypass upper esophagus to cutaneous, percutaneous endoscopic approach
0D114Z6	Bypass upper esophagus to stomach, percutaneous endoscopic approach
0D114Z9	Bypass upper esophagus to duodenum, percutaneous endoscopic approach
0D114ZA	Bypass upper esophagus to jejunum, percutaneous endoscopic approach
0D114ZB	Bypass upper esophagus to ileum, percutaneous endoscopic approach
0D12074	Bypass middle esophagus to cutaneous with autologous tissue substitute, open approach
0D12076	Bypass middle esophagus to stomach with autologous tissue substitute, open approach
0D12079	Bypass middle esophagus to duodenum with autologous tissue substitute, open approach
0D1207A	Bypass middle esophagus to jejunum with autologous tissue substitute, open approach
0D1207B	Bypass middle esophagus to ileum with autologous tissue substitute, open approach
0D120J4	Bypass middle esophagus to cutaneous with synthetic substitute, open approach
0D120J6	Bypass middle esophagus to stomach with synthetic substitute, open approach
0D120J9	Bypass middle esophagus to duodenum with synthetic substitute, open approach
0D120JA	Bypass middle esophagus to jejunum with synthetic substitute, open approach
0D120JB	Bypass middle esophagus to ileum with synthetic substitute, open approach

0B9R00Z	Drainage of right diaphragm with drainage device, open approach
0B9R0ZX	Drainage of right diaphragm, open approach, diagnostic
0B9R0ZZ	Drainage of right diaphragm, open approach
0B9R30Z	Drainage of right diaphragm with drainage device, percutaneous approach
0B9R3ZX	Drainage of right diaphragm, percutaneous approach, diagnostic
0B9R3ZZ	Drainage of right diaphragm, percutaneous approach
0B9R40Z	Drainage of right diaphragm with drainage device, percutaneous endoscopic approach
0B9R4ZX	Drainage of right diaphragm, percutaneous endoscopic approach, diagnostic
0B9R4ZZ	Drainage of right diaphragm, percutaneous endoscopic approach
0B9S00Z	Drainage of left diaphragm with drainage device, open approach
0B9S0ZX	Drainage of left diaphragm, open approach, diagnostic
0B9S0ZZ	Drainage of left diaphragm, open approach
0B9S30Z	Drainage of left diaphragm with drainage device, percutaneous approach
0B9S3ZX	Drainage of left diaphragm, percutaneous approach, diagnostic
0B9S3ZZ	Drainage of left diaphragm, percutaneous approach
0D120K4	Bypass middle esophagus to cutaneous with nonautologous tissue substitute, open approach
0D120K6	Bypass middle esophagus to stomach with nonautologous tissue substitute, open approach
0D120K9	Bypass middle esophagus to duodenum with nonautologous tissue substitute, open approach
0D120KA	Bypass middle esophagus to jejunum with nonautologous tissue substitute, open approach
0D120KB	Bypass middle esophagus to ileum with nonautologous tissue substitute, open approach
0D120Z4	Bypass middle esophagus to cutaneous, open approach
0D120Z6	Bypass middle esophagus to stomach, open approach
0D120Z9	Bypass middle esophagus to duodenum, open approach
0D120ZA	Bypass middle esophagus to jejunum, open approach
0D120ZB	Bypass middle esophagus to ileum, open approach
0D123J4	Bypass middle esophagus to cutaneous with synthetic substitute, percutaneous approach
0D12474	Bypass middle esophagus to cutaneous with autologous tissue substitute, percutaneous endoscopic approach
0D12476	Bypass middle esophagus to stomach with autologous tissue substitute, percutaneous endoscopic approach
0D12479	Bypass middle esophagus to duodenum with autologous tissue substitute, percutaneous endoscopic approach
0D1247A	Bypass middle esophagus to jejunum with autologous tissue substitute, percutaneous endoscopic approach

0B9S40Z	Drainage of left diaphragm with drainage device, percutaneous endoscopic approach
0B9S4ZX	Drainage of left diaphragm, percutaneous endoscopic approach, diagnostic
0B9S4ZZ	Drainage of left diaphragm, percutaneous endoscopic approach
0B9T00Z	Drainage of diaphragm with drainage device, open approach
0B9T0ZX	Drainage of diaphragm, open approach, diagnostic
0B9T0ZZ	Drainage of diaphragm, open approach
0B9T30Z	Drainage of diaphragm with drainage device, percutaneous approach
0B9T3ZX	Drainage of diaphragm, percutaneous approach, diagnostic
0B9T3ZZ	Drainage of diaphragm, percutaneous approach
0B9T40Z	Drainage of diaphragm with drainage device, percutaneous endoscopic approach
0B9T4ZX	Drainage of diaphragm, percutaneous endoscopic approach, diagnostic
0B9T4ZZ	Drainage of diaphragm, percutaneous endoscopic approach
0BB10ZX	Excision of trachea, open approach, diagnostic
0BB20ZX	Excision of carina, open approach, diagnostic
0BB30ZX	Excision of right main bronchus, open approach, diagnostic

0D1247B	Bypass middle esophagus to ileum with autologous tissue substitute, percutaneous endoscopic approach
0D124J4	Bypass middle esophagus to cutaneous with synthetic substitute, percutaneous endoscopic approach
0D124J6	Bypass middle esophagus to stomach with synthetic substitute, percutaneous endoscopic approach
0D124J9	Bypass middle esophagus to duodenum with synthetic substitute, percutaneous endoscopic approach
0D124JA	Bypass middle esophagus to jejunum with synthetic substitute, percutaneous endoscopic approach
0D124JB	Bypass middle esophagus to ileum with synthetic substitute, percutaneous endoscopic approach
0D124K4	Bypass middle esophagus to cutaneous with nonautologous tissue substitute, percutaneous endoscopic approach
0D124K6	Bypass middle esophagus to stomach with nonautologous tissue substitute, percutaneous endoscopic approach
0D124K9	Bypass middle esophagus to duodenum with nonautologous tissue substitute, percutaneous endoscopic approach
0D124KA	Bypass middle esophagus to jejunum with nonautologous tissue substitute, percutaneous endoscopic approach
0D124KB	Bypass middle esophagus to ileum with nonautologous tissue substitute, percutaneous endoscopic approach
0D124Z4	Bypass middle esophagus to cutaneous, percutaneous endoscopic approach
0D124Z6	Bypass middle esophagus to stomach, percutaneous endoscopic approach
0D124Z9	Bypass middle esophagus to duodenum, percutaneous endoscopic approach
0D124ZA	Bypass middle esophagus to jejunum, percutaneous endoscopic approach

0BB30ZZ	Excision of right main bronchus, open approach
0BB33ZZ	Excision of right main bronchus, percutaneous approach
0BB37ZZ	Excision of right main bronchus, via natural or artificial opening
0BB40ZX	Excision of right upper lobe bronchus, open approach, diagnostic
0BB40ZZ	Excision of right upper lobe bronchus, open approach
0BB43ZZ	Excision of right upper lobe bronchus, percutaneous approach
0BB47ZZ	Excision of right upper lobe bronchus, via natural or artificial opening
0BB50ZX	Excision of right middle lobe bronchus, open approach, diagnostic
0BB50ZZ	Excision of right middle lobe bronchus, open approach
0BB53ZZ	Excision of right middle lobe bronchus, percutaneous approach
0BB57ZZ	Excision of right middle lobe bronchus, via natural or artificial opening
0BB60ZX	Excision of right lower lobe bronchus, open approach, diagnostic
0BB60ZZ	Excision of right lower lobe bronchus, open approach
0BB63ZZ	Excision of right lower lobe bronchus, percutaneous approach
0BB67ZZ	Excision of right lower lobe bronchus, via natural or artificial opening
0D124ZB	Bypass middle esophagus to ileum, percutaneous endoscopic approach
0D13074	Bypass lower esophagus to cutaneous with autologous tissue substitute, open approach
0D13076	Bypass lower esophagus to stomach with autologous tissue substitute, open approach
0D13079	Bypass lower esophagus to duodenum with autologous tissue substitute, open approach
0D1307A	Bypass lower esophagus to jejunum with autologous tissue substitute, open approach
0D1307B	Bypass lower esophagus to ileum with autologous tissue substitute, open approach
0D130J4	Bypass lower esophagus to cutaneous with synthetic substitute, open approach
0D130J6	Bypass lower esophagus to stomach with synthetic substitute, open approach
0D130J9	Bypass lower esophagus to duodenum with synthetic substitute, open approach
0D130JA	Bypass lower esophagus to jejunum with synthetic substitute, open approach
0D130JB	Bypass lower esophagus to ileum with synthetic substitute, open approach
0D130K4	Bypass lower esophagus to cutaneous with nonautologous tissue substitute, open approach
0D130K6	Bypass lower esophagus to stomach with nonautologous tissue substitute, open approach
0D130K9	Bypass lower esophagus to duodenum with nonautologous tissue substitute, open approach
0D130KA	Bypass lower esophagus to jejunum with nonautologous tissue substitute, open approach

0BB70ZX	Excision of left main bronchus, open approach, diagnostic
0BB70ZZ	Excision of left main bronchus, open approach
0BB73ZZ	Excision of left main bronchus, percutaneous approach
0BB77ZZ	Excision of left main bronchus, via natural or artificial opening
0BB80ZX	Excision of left upper lobe bronchus, open approach, diagnostic
0BB80ZZ	Excision of left upper lobe bronchus, open approach
0BB83ZZ	Excision of left upper lobe bronchus, percutaneous approach
0BB87ZZ	Excision of left upper lobe bronchus, via natural or artificial opening
0BB90ZX	Excision of lingula bronchus, open approach, diagnostic
0BB90ZZ	Excision of lingula bronchus, open approach
0BB93ZZ	Excision of lingula bronchus, percutaneous approach
0BB97ZZ	Excision of lingula bronchus, via natural or artificial opening
0BBB0ZX	Excision of left lower lobe bronchus, open approach, diagnostic
0BBB0ZZ	Excision of left lower lobe bronchus, open approach
0BBB3ZZ	Excision of left lower lobe bronchus, percutaneous approach
0BBB7ZZ	Excision of left lower lobe bronchus, via natural or artificial opening
0D130KB	Bypass lower esophagus to ileum with nonautologous tissue substitute, open approach
0D130Z4	Bypass lower esophagus to cutaneous, open approach
0D130Z6	Bypass lower esophagus to stomach, open approach
0D130Z9	Bypass lower esophagus to duodenum, open approach
0D130ZA	Bypass lower esophagus to jejunum, open approach
0D130ZB	Bypass lower esophagus to ileum, open approach
0D133J4	Bypass lower esophagus to cutaneous with synthetic substitute, percutaneous approach
0D13474	Bypass lower esophagus to cutaneous with autologous tissue substitute, percutaneous endoscopic approach
0D13476	Bypass lower esophagus to stomach with autologous tissue substitute, percutaneous endoscopic approach
0D13479	Bypass lower esophagus to duodenum with autologous tissue substitute, percutaneous endoscopic approach
0D1347A	Bypass lower esophagus to jejunum with autologous tissue substitute, percutaneous endoscopic approach
0D1347B	Bypass lower esophagus to ileum with autologous tissue substitute, percutaneous endoscopic approach
0D134J4	Bypass lower esophagus to cutaneous with synthetic substitute, percutaneous endoscopic approach
0D134J6	Bypass lower esophagus to stomach with synthetic substitute, percutaneous endoscopic approach
0D134J9	Bypass lower esophagus to duodenum with synthetic substitute, percutaneous endoscopic approach
0D134JA	Bypass lower esophagus to jejunum with synthetic substitute, percutaneous endoscopic approach

0BBC0ZX	Excision of right upper lung lobe, open approach, diagnostic
0BBC0ZZ	Excision of right upper lung lobe, open approach
0BBC3ZX	Excision of right upper lung lobe, percutaneous approach, diagnostic
0BBC3ZZ	Excision of right upper lung lobe, percutaneous approach
0BBC4ZX	Excision of right upper lung lobe, percutaneous endoscopic approach, diagnostic
0BBC4ZZ	Excision of right upper lung lobe, percutaneous endoscopic approach
0BBC7ZX	Excision of right upper lung lobe, via natural or artificial opening, diagnostic
0BBC7ZZ	Excision of right upper lung lobe, via natural or artificial opening
0BBC8ZX	Excision of right upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0BBC8ZZ	Excision of right upper lung lobe, via natural or artificial opening endoscopic
0BBD0ZX	Excision of right middle lung lobe, open approach, diagnostic
0BBD0ZZ	Excision of right middle lung lobe, open approach
0BBD3ZX	Excision of right middle lung lobe, percutaneous approach, diagnostic
0BBD3ZZ	Excision of right middle lung lobe, percutaneous approach
0BBD4ZX	Excision of right middle lung lobe, percutaneous endoscopic approach, diagnostic
0BBD4ZZ	Excision of right middle lung lobe, percutaneous endoscopic approach
0D134JB	Bypass lower esophagus to ileum with synthetic substitute, percutaneous endoscopic approach
0D134K4	Bypass lower esophagus to cutaneous with nonautologous tissue substitute, percutaneous endoscopic approach
0D134K6	Bypass lower esophagus to stomach with nonautologous tissue substitute, percutaneous endoscopic approach
0D134K9	Bypass lower esophagus to duodenum with nonautologous tissue substitute, percutaneous endoscopic approach
0D134KA	Bypass lower esophagus to jejunum with nonautologous tissue substitute, percutaneous endoscopic approach
0D134KB	Bypass lower esophagus to ileum with nonautologous tissue substitute, percutaneous endoscopic approach
0D134Z4	Bypass lower esophagus to cutaneous, percutaneous endoscopic approach
0D134Z6	Bypass lower esophagus to stomach, percutaneous endoscopic approach
0D134Z9	Bypass lower esophagus to duodenum, percutaneous endoscopic approach
0D134ZA	Bypass lower esophagus to jejunum, percutaneous endoscopic approach
0D134ZB	Bypass lower esophagus to ileum, percutaneous endoscopic approach
0D15074	Bypass esophagus to cutaneous with autologous tissue substitute, open approach
0D15076	Bypass esophagus to stomach with autologous tissue substitute, open approach
0D15079	Bypass esophagus to duodenum with autologous tissue substitute, open approach
0D1507A	Bypass esophagus to jejunum with autologous tissue substitute, open approach
0D1507B	Bypass esophagus to ileum with autologous tissue substitute, open approach

0BBD7ZX	Excision of right middle lung lobe, via natural or artificial opening, diagnostic
0BBD7ZZ	Excision of right middle lung lobe, via natural or artificial opening
0BBD8ZX	Excision of right middle lung lobe, via natural or artificial opening endoscopic, diagnostic
0BBD8ZZ	Excision of right middle lung lobe, via natural or artificial opening endoscopic
0BBF0ZX	Excision of right lower lung lobe, open approach, diagnostic
0BBF0ZZ	Excision of right lower lung lobe, open approach
0BBF3ZX	Excision of right lower lung lobe, percutaneous approach, diagnostic
0BBF3ZZ	Excision of right lower lung lobe, percutaneous approach
0BBF4ZX	Excision of right lower lung lobe, percutaneous endoscopic approach, diagnostic
0BBF4ZZ	Excision of right lower lung lobe, percutaneous endoscopic approach
0BBF7ZX	Excision of right lower lung lobe, via natural or artificial opening, diagnostic
0BBF7ZZ	Excision of right lower lung lobe, via natural or artificial opening
0BBF8ZX	Excision of right lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0BBF8ZZ	Excision of right lower lung lobe, via natural or artificial opening endoscopic
0BBG0ZX	Excision of left upper lung lobe, open approach, diagnostic
0BBG0ZZ	Excision of left upper lung lobe, open approach
0BBG3ZX	Excision of left upper lung lobe, percutaneous approach, diagnostic
0D150J4	Bypass esophagus to cutaneous with synthetic substitute, open approach
0D150J6	Bypass esophagus to stomach with synthetic substitute, open approach
0D150J9	Bypass esophagus to duodenum with synthetic substitute, open approach
0D150JA	Bypass esophagus to jejunum with synthetic substitute, open approach
0D150JB	Bypass esophagus to ileum with synthetic substitute, open approach
0D150K4	Bypass esophagus to cutaneous with nonautologous tissue substitute, open approach
0D150K6	Bypass esophagus to stomach with nonautologous tissue substitute, open approach
0D150K9	Bypass esophagus to duodenum with nonautologous tissue substitute, open approach
0D150KA	Bypass esophagus to jejunum with nonautologous tissue substitute, open approach
0D150KB	Bypass esophagus to ileum with nonautologous tissue substitute, open approach
0D150Z4	Bypass esophagus to cutaneous, open approach
0D150Z6	Bypass esophagus to stomach, open approach
0D150Z9	Bypass esophagus to duodenum, open approach
0D150ZA	Bypass esophagus to jejunum, open approach
0D150ZB	Bypass esophagus to ileum, open approach
0D153J4	Bypass esophagus to cutaneous with synthetic substitute, percutaneous approach
0D15474	Bypass esophagus to cutaneous with autologous tissue substitute, percutaneous endoscopic approach

0BBG3ZZ	Excision of left upper lung lobe, percutaneous approach
0BBG4ZX	Excision of left upper lung lobe, percutaneous endoscopic approach, diagnostic
0BBG4ZZ	Excision of left upper lung lobe, percutaneous endoscopic approach
0BBG7ZX	Excision of left upper lung lobe, via natural or artificial opening, diagnostic
0BBG7ZZ	Excision of left upper lung lobe, via natural or artificial opening
0BBG8ZX	Excision of left upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0BBG8ZZ	Excision of left upper lung lobe, via natural or artificial opening endoscopic
0BBH0ZX	Excision of lung lingula, open approach, diagnostic
0BBH0ZZ	Excision of lung lingula, open approach
0BBH3ZX	Excision of lung lingula, percutaneous approach, diagnostic
0BBH3ZZ	Excision of lung lingula, percutaneous approach
0BBH4ZX	Excision of lung lingula, percutaneous endoscopic approach, diagnostic
0BBH4ZZ	Excision of lung lingula, percutaneous endoscopic approach
0BBH7ZX	Excision of lung lingula, via natural or artificial opening, diagnostic
0BBH7ZZ	Excision of lung lingula, via natural or artificial opening

0D15476	Bypass esophagus to stomach with autologous tissue substitute, percutaneous endoscopic approach
0D15479	Bypass esophagus to duodenum with autologous tissue substitute, percutaneous endoscopic approach
0D1547A	Bypass esophagus to jejunum with autologous tissue substitute, percutaneous endoscopic approach
0D1547B	Bypass esophagus to ileum with autologous tissue substitute, percutaneous endoscopic approach
0D154J4	Bypass esophagus to cutaneous with synthetic substitute, percutaneous endoscopic approach
0D154J6	Bypass esophagus to stomach with synthetic substitute, percutaneous endoscopic approach
0D154J9	Bypass esophagus to duodenum with synthetic substitute, percutaneous endoscopic approach
0D154JA	Bypass esophagus to jejunum with synthetic substitute, percutaneous endoscopic approach
0D154JB	Bypass esophagus to ileum with synthetic substitute, percutaneous endoscopic approach
0D154K4	Bypass esophagus to cutaneous with nonautologous tissue substitute, percutaneous endoscopic approach
0D154K6	Bypass esophagus to stomach with nonautologous tissue substitute, percutaneous endoscopic approach
0D154K9	Bypass esophagus to duodenum with nonautologous tissue substitute, percutaneous endoscopic approach
0D154KA	Bypass esophagus to jejunum with nonautologous tissue substitute, percutaneous endoscopic approach
0D154KB	Bypass esophagus to ileum with nonautologous tissue substitute, percutaneous endoscopic approach
0D154Z4	Bypass esophagus to cutaneous, percutaneous endoscopic approach

0BBH8ZX	Excision of lung lingula, via natural or artificial opening endoscopic, diagnostic
0BBH8ZZ	Excision of lung lingula, via natural or artificial opening endoscopic
0BBJ0ZX	Excision of left lower lung lobe, open approach, diagnostic
0BBJ0ZZ	Excision of left lower lung lobe, open approach
0BBJ3ZX	Excision of left lower lung lobe, percutaneous approach, diagnostic
0BBJ3ZZ	Excision of left lower lung lobe, percutaneous approach
0BBJ4ZX	Excision of left lower lung lobe, percutaneous endoscopic approach, diagnostic
0BBJ4ZZ	Excision of left lower lung lobe, percutaneous endoscopic approach
0BBJ7ZX	Excision of left lower lung lobe, via natural or artificial opening, diagnostic
0BBJ7ZZ	Excision of left lower lung lobe, via natural or artificial opening
0BBJ8ZX	Excision of left lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0BBJ8ZZ	Excision of left lower lung lobe, via natural or artificial opening endoscopic
0BBK0ZX	Excision of right lung, open approach, diagnostic
0BBK0ZZ	Excision of right lung, open approach
0BBK3ZX	Excision of right lung, percutaneous approach, diagnostic
0BBK3ZZ	Excision of right lung, percutaneous approach
0BBK4ZX	Excision of right lung, percutaneous endoscopic approach, diagnostic
0BBK4ZZ	Excision of right lung, percutaneous endoscopic approach
0BBK7ZX	Excision of right lung, via natural or artificial opening, diagnostic
0BBK7ZZ	Excision of right lung, via natural or artificial opening

0D154Z6	Bypass esophagus to stomach, percutaneous endoscopic approach
0D154Z9	Bypass esophagus to duodenum, percutaneous endoscopic approach
0D154ZA	Bypass esophagus to jejunum, percutaneous endoscopic approach
0D154ZB	Bypass esophagus to ileum, percutaneous endoscopic approach
0D510ZZ	Destruction of upper esophagus, open approach
0D513ZZ	Destruction of upper esophagus, percutaneous approach
0D514ZZ	Destruction of upper esophagus, percutaneous endoscopic approach
0D520ZZ	Destruction of middle esophagus, open approach
0D523ZZ	Destruction of middle esophagus, percutaneous approach
0D524ZZ	Destruction of middle esophagus, percutaneous endoscopic approach
0D530ZZ	Destruction of lower esophagus, open approach
0D533ZZ	Destruction of lower esophagus, percutaneous approach
0D534ZZ	Destruction of lower esophagus, percutaneous endoscopic approach
0D540ZZ	Destruction of esophagogastric junction, open approach
0D543ZZ	Destruction of esophagogastric junction, percutaneous approach
0D544ZZ	Destruction of esophagogastric junction, percutaneous endoscopic approach
0D550ZZ	Destruction of esophagus, open approach
0D553ZZ	Destruction of esophagus, percutaneous approach
0D554ZZ	Destruction of esophagus, percutaneous endoscopic approach
0D710DZ	Dilation of upper esophagus with intraluminal device, open approach

0BBK8ZX	Excision of right lung, via natural or artificial opening endoscopic, diagnostic
0BBK8ZZ	Excision of right lung, via natural or artificial opening endoscopic
0BBL0ZX	Excision of left lung, open approach, diagnostic
0BBL0ZZ	Excision of left lung, open approach
0BBL3ZX	Excision of left lung, percutaneous approach, diagnostic
0BBL3ZZ	Excision of left lung, percutaneous approach
0BBL4ZX	Excision of left lung, percutaneous endoscopic approach, diagnostic
0BBL4ZZ	Excision of left lung, percutaneous endoscopic approach
0BBL7ZX	Excision of left lung, via natural or artificial opening, diagnostic
0BBL7ZZ	Excision of left lung, via natural or artificial opening
0BBL8ZX	Excision of left lung, via natural or artificial opening endoscopic, diagnostic
0BBL8ZZ	Excision of left lung, via natural or artificial opening endoscopic
0BBM0ZX	Excision of bilateral lungs, open approach, diagnostic
0BBM0ZZ	Excision of bilateral lungs, open approach
0BBM3ZX	Excision of bilateral lungs, percutaneous approach, diagnostic
0BBM3ZZ	Excision of bilateral lungs, percutaneous approach
0BBM4ZX	Excision of bilateral lungs, percutaneous endoscopic approach, diagnostic
0D710ZZ	Dilation of upper esophagus, open approach
0D713DZ	Dilation of upper esophagus with intraluminal device, percutaneous approach
0D713ZZ	Dilation of upper esophagus, percutaneous approach
0D714DZ	Dilation of upper esophagus with intraluminal device, percutaneous endoscopic approach
0D714ZZ	Dilation of upper esophagus, percutaneous endoscopic approach
0D720DZ	Dilation of middle esophagus with intraluminal device, open approach
0D720ZZ	Dilation of middle esophagus, open approach
0D723DZ	Dilation of middle esophagus with intraluminal device, percutaneous approach
0D723ZZ	Dilation of middle esophagus, percutaneous approach
0D724DZ	Dilation of middle esophagus with intraluminal device, percutaneous endoscopic approach
0D724ZZ	Dilation of middle esophagus, percutaneous endoscopic approach
0D730DZ	Dilation of lower esophagus with intraluminal device, open approach
0D730ZZ	Dilation of lower esophagus, open approach
0D733DZ	Dilation of lower esophagus with intraluminal device, percutaneous approach
0D733ZZ	Dilation of lower esophagus, percutaneous approach
0D734DZ	Dilation of lower esophagus with intraluminal device, percutaneous endoscopic approach
0D734ZZ	Dilation of lower esophagus, percutaneous endoscopic approach

0BBM4ZZ	Excision of bilateral lungs, percutaneous endoscopic approach
0BBM7ZX	Excision of bilateral lungs, via natural or artificial opening, diagnostic
0BBM7ZZ	Excision of bilateral lungs, via natural or artificial opening
0BBM8ZX	Excision of bilateral lungs, via natural or artificial opening endoscopic, diagnostic
0BBM8ZZ	Excision of bilateral lungs, via natural or artificial opening endoscopic
0BBN0ZX	Excision of right pleura, open approach, diagnostic
0BBN0ZZ	Excision of right pleura, open approach
0BBN3ZX	Excision of right pleura, percutaneous approach, diagnostic
0BBN3ZZ	Excision of right pleura, percutaneous approach
0BBN4ZX	Excision of right pleura, percutaneous endoscopic approach, diagnostic
0BBN4ZZ	Excision of right pleura, percutaneous endoscopic approach
0BBN8ZX	Excision of right pleura, via natural or artificial opening endoscopic, diagnostic
0BBN8ZZ	Excision of right pleura, via natural or artificial opening endoscopic
0BBP0ZX	Excision of left pleura, open approach, diagnostic
0BBP0ZZ	Excision of left pleura, open approach
0BBP3ZX	Excision of left pleura, percutaneous approach, diagnostic
0BBP3ZZ	Excision of left pleura, percutaneous approach
0BBP4ZX	Excision of left pleura, percutaneous endoscopic approach, diagnostic
0D740DZ	Dilation of esophagogastric junction with intraluminal device, open approach
0D740ZZ	Dilation of esophagogastric junction, open approach
0D743DZ	Dilation of esophagogastric junction with intraluminal device, percutaneous approach
0D743ZZ	Dilation of esophagogastric junction, percutaneous approach
0D744DZ	Dilation of esophagogastric junction with intraluminal device, percutaneous endoscopic approach
0D744ZZ	Dilation of esophagogastric junction, percutaneous endoscopic approach
0D750DZ	Dilation of esophagus with intraluminal device, open approach
0D750ZZ	Dilation of esophagus, open approach
0D753DZ	Dilation of esophagus with intraluminal device, percutaneous approach
0D753ZZ	Dilation of esophagus, percutaneous approach
0D754DZ	Dilation of esophagus with intraluminal device, percutaneous endoscopic approach
0D754ZZ	Dilation of esophagus, percutaneous endoscopic approach
0D840ZZ	Division of esophagogastric junction, open approach
0D843ZZ	Division of esophagogastric junction, percutaneous approach
0D844ZZ	Division of esophagogastric junction, percutaneous endoscopic approach
0D9100Z	Drainage of upper esophagus with drainage device, open approach
0D910ZX	Drainage of upper esophagus, open approach, diagnostic
0D910ZZ	Drainage of upper esophagus, open approach

0BBP4ZZ	Excision of left pleura, percutaneous endoscopic approach
0BBP8ZX	Excision of left pleura, via natural or artificial opening endoscopic, diagnostic
0BBP8ZZ	Excision of left pleura, via natural or artificial opening endoscopic
0BBR0ZX	Excision of right diaphragm, open approach, diagnostic
0BBR0ZZ	Excision of right diaphragm, open approach
0BBR3ZX	Excision of right diaphragm, percutaneous approach, diagnostic
0BBR3ZZ	Excision of right diaphragm, percutaneous approach
0BBR4ZX	Excision of right diaphragm, percutaneous endoscopic approach, diagnostic
0BBR4ZZ	Excision of right diaphragm, percutaneous endoscopic approach
0BBS0ZX	Excision of left diaphragm, open approach, diagnostic
0BBS0ZZ	Excision of left diaphragm, open approach
0BBS3ZX	Excision of left diaphragm, percutaneous approach, diagnostic
0BBS3ZZ	Excision of left diaphragm, percutaneous approach
0BBS4ZX	Excision of left diaphragm, percutaneous endoscopic approach, diagnostic
0BBS4ZZ	Excision of left diaphragm, percutaneous endoscopic approach
0BBT0ZX	Excision of diaphragm, open approach, diagnostic
0BBT0ZZ	Excision of diaphragm, open approach
0BBT3ZX	Excision of diaphragm, percutaneous approach, diagnostic
0D9130Z	Drainage of upper esophagus with drainage device, percutaneous approach
0D913ZX	Drainage of upper esophagus, percutaneous approach, diagnostic
0D913ZZ	Drainage of upper esophagus, percutaneous approach
0D9140Z	Drainage of upper esophagus with drainage device, percutaneous endoscopic approach
0D914ZX	Drainage of upper esophagus, percutaneous endoscopic approach, diagnostic
0D914ZZ	Drainage of upper esophagus, percutaneous endoscopic approach
0D9200Z	Drainage of middle esophagus with drainage device, open approach
0D920ZX	Drainage of middle esophagus, open approach, diagnostic
0D920ZZ	Drainage of middle esophagus, open approach
0D9230Z	Drainage of middle esophagus with drainage device, percutaneous approach
0D923ZX	Drainage of middle esophagus, percutaneous approach, diagnostic
0D923ZZ	Drainage of middle esophagus, percutaneous approach
0D9240Z	Drainage of middle esophagus with drainage device, percutaneous endoscopic approach
0D924ZX	Drainage of middle esophagus, percutaneous endoscopic approach, diagnostic
0D924ZZ	Drainage of middle esophagus, percutaneous endoscopic approach
0D9300Z	Drainage of lower esophagus with drainage device, open approach
0D930ZX	Drainage of lower esophagus, open approach, diagnostic
0D930ZZ	Drainage of lower esophagus, open approach

0BBT3ZZ	Excision of diaphragm, percutaneous approach
0BBT4ZX	Excision of diaphragm, percutaneous endoscopic approach, diagnostic
0BBT4ZZ	Excision of diaphragm, percutaneous endoscopic approach
0BC30ZZ	Extirpation of matter from right main bronchus, open approach
0BC33ZZ	Extirpation of matter from right main bronchus, percutaneous approach
0BC34ZZ	Extirpation of matter from right main bronchus, percutaneous endoscopic approach
0BC40ZZ	Extirpation of matter from right upper lobe bronchus, open approach
0BC43ZZ	Extirpation of matter from right upper lobe bronchus, percutaneous approach
0BC44ZZ	Extirpation of matter from right upper lobe bronchus, percutaneous endoscopic approach
0BC50ZZ	Extirpation of matter from right middle lobe bronchus, open approach
0BC53ZZ	Extirpation of matter from right middle lobe bronchus, percutaneous approach
0BC54ZZ	Extirpation of matter from right middle lobe bronchus, percutaneous endoscopic approach
0BC60ZZ	Extirpation of matter from right lower lobe bronchus, open approach
0BC63ZZ	Extirpation of matter from right lower lobe bronchus, percutaneous approach
0BC64ZZ	Extirpation of matter from right lower lobe bronchus, percutaneous endoscopic approach
0BC70ZZ	Extirpation of matter from left main bronchus, open approach
0BC73ZZ	Extirpation of matter from left main bronchus, percutaneous approach
0D9330Z	Drainage of lower esophagus with drainage device, percutaneous approach
0D933ZX	Drainage of lower esophagus, percutaneous approach, diagnostic
0D933ZZ	Drainage of lower esophagus, percutaneous approach
0D9340Z	Drainage of lower esophagus with drainage device, percutaneous endoscopic approach
0D934ZX	Drainage of lower esophagus, percutaneous endoscopic approach, diagnostic
0D934ZZ	Drainage of lower esophagus, percutaneous endoscopic approach
0D9400Z	Drainage of esophagogastric junction with drainage device, open approach
0D940ZX	Drainage of esophagogastric junction, open approach, diagnostic
0D940ZZ	Drainage of esophagogastric junction, open approach
0D9430Z	Drainage of esophagogastric junction with drainage device, percutaneous approach
0D943ZX	Drainage of esophagogastric junction, percutaneous approach, diagnostic
0D943ZZ	Drainage of esophagogastric junction, percutaneous approach
0D9440Z	Drainage of esophagogastric junction with drainage device, percutaneous endoscopic approach
0D944ZX	Drainage of esophagogastric junction, percutaneous endoscopic approach, diagnostic
0D944ZZ	Drainage of esophagogastric junction, percutaneous endoscopic approach
0D9500Z	Drainage of esophagus with drainage device, open approach
0D950ZX	Drainage of esophagus, open approach, diagnostic

0BC74ZZ	Extirpation of matter from left main bronchus, percutaneous endoscopic approach
0BC80ZZ	Extirpation of matter from left upper lobe bronchus, open approach
0BC83ZZ	Extirpation of matter from left upper lobe bronchus, percutaneous approach
0BC84ZZ	Extirpation of matter from left upper lobe bronchus, percutaneous endoscopic approach
0BC90ZZ	Extirpation of matter from lingula bronchus, open approach
0BC93ZZ	Extirpation of matter from lingula bronchus, percutaneous approach
0BC94ZZ	Extirpation of matter from lingula bronchus, percutaneous endoscopic approach
0BCB0ZZ	Extirpation of matter from left lower lobe bronchus, open approach
0BCB3ZZ	Extirpation of matter from left lower lobe bronchus, percutaneous approach
0BCB4ZZ	Extirpation of matter from left lower lobe bronchus, percutaneous endoscopic approach
0BCC0ZZ	Extirpation of matter from right upper lung lobe, open approach
0BCC3ZZ	Extirpation of matter from right upper lung lobe, percutaneous approach
0BCC4ZZ	Extirpation of matter from right upper lung lobe, percutaneous endoscopic approach
0BCC7ZZ	Extirpation of matter from right upper lung lobe, via natural or artificial opening
0BCC8ZZ	Extirpation of matter from right upper lung lobe, via natural or artificial opening endoscopic
0BCD0ZZ	Extirpation of matter from right middle lung lobe, open approach
0BCD3ZZ	Extirpation of matter from right middle lung lobe, percutaneous approach

0D950ZZ	Drainage of esophagus, open approach
0D9530Z	Drainage of esophagus with drainage device, percutaneous approach
0D953ZX	Drainage of esophagus, percutaneous approach, diagnostic
0D953ZZ	Drainage of esophagus, percutaneous approach
0D9540Z	Drainage of esophagus with drainage device, percutaneous endoscopic approach
0D954ZX	Drainage of esophagus, percutaneous endoscopic approach, diagnostic
0D954ZZ	Drainage of esophagus, percutaneous endoscopic approach
0DB10ZX	Excision of upper esophagus, open approach, diagnostic
0DB10ZZ	Excision of upper esophagus, open approach
0DB13ZX	Excision of upper esophagus, percutaneous approach, diagnostic
0DB13ZZ	Excision of upper esophagus, percutaneous approach
0DB14ZX	Excision of upper esophagus, percutaneous endoscopic approach, diagnostic
0DB14ZZ	Excision of upper esophagus, percutaneous endoscopic approach
0DB20ZX	Excision of middle esophagus, open approach, diagnostic
0DB20ZZ	Excision of middle esophagus, open approach
0DB23ZX	Excision of middle esophagus, percutaneous approach, diagnostic
0DB23ZZ	Excision of middle esophagus, percutaneous approach

0BCD4ZZ	Extirpation of matter from right middle lung lobe, percutaneous endoscopic approach
0BCD7ZZ	Extirpation of matter from right middle lung lobe, via natural or artificial opening
0BCD8ZZ	Extirpation of matter from right middle lung lobe, via natural or artificial opening endoscopic
0BCF0ZZ	Extirpation of matter from right lower lung lobe, open approach
0BCF3ZZ	Extirpation of matter from right lower lung lobe, percutaneous approach
0BCF4ZZ	Extirpation of matter from right lower lung lobe, percutaneous endoscopic approach
0BCF7ZZ	Extirpation of matter from right lower lung lobe, via natural or artificial opening
0BCF8ZZ	Extirpation of matter from right lower lung lobe, via natural or artificial opening endoscopic
0BCG0ZZ	Extirpation of matter from left upper lung lobe, open approach
0BCG3ZZ	Extirpation of matter from left upper lung lobe, percutaneous approach
0BCG4ZZ	Extirpation of matter from left upper lung lobe, percutaneous endoscopic approach
0BCG7ZZ	Extirpation of matter from left upper lung lobe, via natural or artificial opening
0BCG8ZZ	Extirpation of matter from left upper lung lobe, via natural or artificial opening endoscopic
0BCH0ZZ	Extirpation of matter from lung lingula, open approach
0BCH3ZZ	Extirpation of matter from lung lingula, percutaneous approach
0BCH4ZZ	Extirpation of matter from lung lingula, percutaneous endoscopic approach
0BCH7ZZ	Extirpation of matter from lung lingula, via natural or artificial opening
0DB24ZX	Excision of middle esophagus, percutaneous endoscopic approach, diagnostic
0DB24ZZ	Excision of middle esophagus, percutaneous endoscopic approach
0DB30ZX	Excision of lower esophagus, open approach, diagnostic
0DB30ZZ	Excision of lower esophagus, open approach
0DB33ZX	Excision of lower esophagus, percutaneous approach, diagnostic
0DB33ZZ	Excision of lower esophagus, percutaneous approach
0DB34ZX	Excision of lower esophagus, percutaneous endoscopic approach, diagnostic
0DB34ZZ	Excision of lower esophagus, percutaneous endoscopic approach
0DB40ZX	Excision of esophagogastric junction, open approach, diagnostic
0DB40ZZ	Excision of esophagogastric junction, open approach
0DB43ZX	Excision of esophagogastric junction, percutaneous approach, diagnostic
0DB43ZZ	Excision of esophagogastric junction, percutaneous approach
0DB44ZX	Excision of esophagogastric junction, percutaneous endoscopic approach, diagnostic
0DB44ZZ	Excision of esophagogastric junction, percutaneous endoscopic approach
0DB50ZX	Excision of esophagus, open approach, diagnostic
0DB50ZZ	Excision of esophagus, open approach
0DB53ZX	Excision of esophagus, percutaneous approach, diagnostic

0BCH8ZZ	Extirpation of matter from lung lingula, via natural or artificial opening endoscopic
0BCJ0ZZ	Extirpation of matter from left lower lung lobe, open approach
0BCJ3ZZ	Extirpation of matter from left lower lung lobe, percutaneous approach
0BCJ4ZZ	Extirpation of matter from left lower lung lobe, percutaneous endoscopic approach
0BCJ7ZZ	Extirpation of matter from left lower lung lobe, via natural or artificial opening
0BCJ8ZZ	Extirpation of matter from left lower lung lobe, via natural or artificial opening endoscopic
0BCK0ZZ	Extirpation of matter from right lung, open approach
0BCK3ZZ	Extirpation of matter from right lung, percutaneous approach
0BCK4ZZ	Extirpation of matter from right lung, percutaneous endoscopic approach
0BCK7ZZ	Extirpation of matter from right lung, via natural or artificial opening
0BCK8ZZ	Extirpation of matter from right lung, via natural or artificial opening endoscopic
0BCL0ZZ	Extirpation of matter from left lung, open approach
0BCL3ZZ	Extirpation of matter from left lung, percutaneous approach
0BCL4ZZ	Extirpation of matter from left lung, percutaneous endoscopic approach
0BCL7ZZ	Extirpation of matter from left lung, via natural or artificial opening
0BCL8ZZ	Extirpation of matter from left lung, via natural or artificial opening endoscopic
0BCM0ZZ	Extirpation of matter from bilateral lungs, open approach
0DB53ZZ	Excision of esophagus, percutaneous approach
0DB54ZX	Excision of esophagus, percutaneous endoscopic approach, diagnostic
0DB54ZZ	Excision of esophagus, percutaneous endoscopic approach
0DC10ZZ	Extirpation of matter from upper esophagus, open approach
0DC13ZZ	Extirpation of matter from upper esophagus, percutaneous approach
0DC14ZZ	Extirpation of matter from upper esophagus, percutaneous endoscopic approach
0DC20ZZ	Extirpation of matter from middle esophagus, open approach
0DC23ZZ	Extirpation of matter from middle esophagus, percutaneous approach
0DC24ZZ	Extirpation of matter from middle esophagus, percutaneous endoscopic approach
0DC30ZZ	Extirpation of matter from lower esophagus, open approach
0DC33ZZ	Extirpation of matter from lower esophagus, percutaneous approach
0DC34ZZ	Extirpation of matter from lower esophagus, percutaneous endoscopic approach
0DC40ZZ	Extirpation of matter from esophagogastric junction, open approach
0DC43ZZ	Extirpation of matter from esophagogastric junction, percutaneous approach
0DC44ZZ	Extirpation of matter from esophagogastric junction, percutaneous endoscopic approach
0DC50ZZ	Extirpation of matter from esophagus, open approach
0DC53ZZ	Extirpation of matter from esophagus, percutaneous approach

0BCM3ZZ	Extirpation of matter from bilateral lungs, percutaneous approach
0BCM4ZZ	Extirpation of matter from bilateral lungs, percutaneous endoscopic approach
0BCM7ZZ	Extirpation of matter from bilateral lungs, via natural or artificial opening
0BCM8ZZ	Extirpation of matter from bilateral lungs, via natural or artificial opening endoscopic
0BCN0ZZ	Extirpation of matter from right pleura, open approach
0BCN3ZZ	Extirpation of matter from right pleura, percutaneous approach
0BCN4ZZ	Extirpation of matter from right pleura, percutaneous endoscopic approach
0BCP0ZZ	Extirpation of matter from left pleura, open approach
0BCP3ZZ	Extirpation of matter from left pleura, percutaneous approach
0BCP4ZZ	Extirpation of matter from left pleura, percutaneous endoscopic approach
0BCR0ZZ	Extirpation of matter from right diaphragm, open approach
0BCR3ZZ	Extirpation of matter from right diaphragm, percutaneous approach
0BCR4ZZ	Extirpation of matter from right diaphragm, percutaneous endoscopic approach
0BCS0ZZ	Extirpation of matter from left diaphragm, open approach
0BCS3ZZ	Extirpation of matter from left diaphragm, percutaneous approach
0BCS4ZZ	Extirpation of matter from left diaphragm, percutaneous endoscopic approach
0BCT0ZZ	Extirpation of matter from diaphragm, open approach
0DC54ZZ	Extirpation of matter from esophagus, percutaneous endoscopic approach
0DD13ZX	Extraction of upper esophagus, percutaneous approach, diagnostic
0DD14ZX	Extraction of upper esophagus, percutaneous endoscopic approach, diagnostic
0DD23ZX	Extraction of middle esophagus, percutaneous approach, diagnostic
0DD24ZX	Extraction of middle esophagus, percutaneous endoscopic approach, diagnostic
0DD33ZX	Extraction of lower esophagus, percutaneous approach, diagnostic
0DD34ZX	Extraction of lower esophagus, percutaneous endoscopic approach, diagnostic
0DD43ZX	Extraction of esophagogastric junction, percutaneous approach, diagnostic
0DD44ZX	Extraction of esophagogastric junction, percutaneous endoscopic approach, diagnostic
0DD53ZX	Extraction of esophagus, percutaneous approach, diagnostic
0DD54ZX	Extraction of esophagus, percutaneous endoscopic approach, diagnostic
0DF50ZZ	Fragmentation in esophagus, open approach
0DF53ZZ	Fragmentation in esophagus, percutaneous approach
0DF54ZZ	Fragmentation in esophagus, percutaneous endoscopic approach
0DH03YZ	Insertion of other device into upper intestinal tract, percutaneous approach
0DH04YZ	Insertion of other device into upper intestinal tract, percutaneous endoscopic approach
0DH501Z	Insertion of radioactive element into esophagus, open approach

0BCT3ZZ	Extirpation of matter from diaphragm, percutaneous approach
0BCT4ZZ	Extirpation of matter from diaphragm, percutaneous endoscopic approach
0BDC4ZX	Extraction of right upper lung lobe, percutaneous endoscopic approach, diagnostic
0BDC8ZX	Extraction of right upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0BDD4ZX	Extraction of right middle lung lobe, percutaneous endoscopic approach, diagnostic
0BDD8ZX	Extraction of right middle lung lobe, via natural or artificial opening endoscopic, diagnostic
0BDF4ZX	Extraction of right lower lung lobe, percutaneous endoscopic approach, diagnostic
0BDF8ZX	Extraction of right lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0BDG4ZX	Extraction of left upper lung lobe, percutaneous endoscopic approach, diagnostic
0BDG8ZX	Extraction of left upper lung lobe, via natural or artificial opening endoscopic, diagnostic
0BDH4ZX	Extraction of lung lingula, percutaneous endoscopic approach, diagnostic
0BDH8ZX	Extraction of lung lingula, via natural or artificial opening endoscopic, diagnostic
0BDJ4ZX	Extraction of left lower lung lobe, percutaneous endoscopic approach, diagnostic
0BDJ8ZX	Extraction of left lower lung lobe, via natural or artificial opening endoscopic, diagnostic
0BDK4ZX	Extraction of right lung, percutaneous endoscopic approach, diagnostic
0DH502Z	Insertion of monitoring device into esophagus, open approach
0DH503Z	Insertion of infusion device into esophagus, open approach
0DH50DZ	Insertion of intraluminal device into esophagus, open approach
0DH50UZ	Insertion of feeding device into esophagus, open approach
0DH50YZ	Insertion of other device into esophagus, open approach
0DH531Z	Insertion of radioactive element into esophagus, percutaneous approach
0DH532Z	Insertion of monitoring device into esophagus, percutaneous approach
0DH533Z	Insertion of infusion device into esophagus, percutaneous approach
0DH53DZ	Insertion of intraluminal device into esophagus, percutaneous approach
0DH53UZ	Insertion of feeding device into esophagus, percutaneous approach
0DH53YZ	Insertion of other device into esophagus, percutaneous approach
0DH541Z	Insertion of radioactive element into esophagus, percutaneous endoscopic approach
0DH542Z	Insertion of monitoring device into esophagus, percutaneous endoscopic approach
0DH543Z	Insertion of infusion device into esophagus, percutaneous endoscopic approach
0DH54DZ	Insertion of intraluminal device into esophagus, percutaneous endoscopic approach

0BDK8ZX	Extraction of right lung, via natural or artificial opening endoscopic, diagnostic
0BDL4ZX	Extraction of left lung, percutaneous endoscopic approach, diagnostic
0BDL8ZX	Extraction of left lung, via natural or artificial opening endoscopic, diagnostic
0BDM4ZX	Extraction of bilateral lungs, percutaneous endoscopic approach, diagnostic
0BDM8ZX	Extraction of bilateral lungs, via natural or artificial opening endoscopic, diagnostic
0BDN0ZX	Extraction of right pleura, open approach, diagnostic
0BDN0ZZ	Extraction of right pleura, open approach
0BDN3ZX	Extraction of right pleura, percutaneous approach, diagnostic
0BDN3ZZ	Extraction of right pleura, percutaneous approach
0BDN4ZX	Extraction of right pleura, percutaneous endoscopic approach, diagnostic
0BDN4ZZ	Extraction of right pleura, percutaneous endoscopic approach
0BDP0ZX	Extraction of left pleura, open approach, diagnostic
0BDP0ZZ	Extraction of left pleura, open approach
0BDP3ZX	Extraction of left pleura, percutaneous approach, diagnostic
0BDP3ZZ	Extraction of left pleura, percutaneous approach
0BDP4ZX	Extraction of left pleura, percutaneous endoscopic approach, diagnostic
0BDP4ZZ	Extraction of left pleura, percutaneous endoscopic approach
0DH54UZ	Insertion of feeding device into esophagus, percutaneous endoscopic approach
0DH54YZ	Insertion of other device into esophagus, percutaneous endoscopic approach
0DJ03ZZ	Inspection of upper intestinal tract, percutaneous approach
0DL10CZ	Occlusion of upper esophagus with extraluminal device, open approach
0DL10DZ	Occlusion of upper esophagus with intraluminal device, open approach
0DL10ZZ	Occlusion of upper esophagus, open approach
0DL13CZ	Occlusion of upper esophagus with extraluminal device, percutaneous approach
0DL13DZ	Occlusion of upper esophagus with intraluminal device, percutaneous approach
0DL13ZZ	Occlusion of upper esophagus, percutaneous approach
0DL14CZ	Occlusion of upper esophagus with extraluminal device, percutaneous endoscopic approach
0DL14DZ	Occlusion of upper esophagus with intraluminal device, percutaneous endoscopic approach
0DL14ZZ	Occlusion of upper esophagus, percutaneous endoscopic approach
0DL20CZ	Occlusion of middle esophagus with extraluminal device, open approach
0DL20DZ	Occlusion of middle esophagus with intraluminal device, open approach
0DL20ZZ	Occlusion of middle esophagus, open approach
0DL23CZ	Occlusion of middle esophagus with extraluminal device, percutaneous approach
0DL23DZ	Occlusion of middle esophagus with intraluminal device, percutaneous approach

0BF10ZZ	Fragmentation in trachea, open approach
0BF13ZZ	Fragmentation in trachea, percutaneous approach
0BF14ZZ	Fragmentation in trachea, percutaneous endoscopic approach
0BF17ZZ	Fragmentation in trachea, via natural or artificial opening
0BF18ZZ	Fragmentation in trachea, via natural or artificial opening endoscopic
0BF20ZZ	Fragmentation in carina, open approach
0BF23ZZ	Fragmentation in carina, percutaneous approach
0BF24ZZ	Fragmentation in carina, percutaneous endoscopic approach
0BF27ZZ	Fragmentation in carina, via natural or artificial opening
0BF28ZZ	Fragmentation in carina, via natural or artificial opening endoscopic
0BF30ZZ	Fragmentation in right main bronchus, open approach
0BF33ZZ	Fragmentation in right main bronchus, percutaneous approach
0BF34ZZ	Fragmentation in right main bronchus, percutaneous endoscopic approach
0BF37ZZ	Fragmentation in right main bronchus, via natural or artificial opening
0BF38ZZ	Fragmentation in right main bronchus, via natural or artificial opening endoscopic
0BF40ZZ	Fragmentation in right upper lobe bronchus, open approach
0BF43ZZ	Fragmentation in right upper lobe bronchus, percutaneous approach
0DL23ZZ	Occlusion of middle esophagus, percutaneous approach
0DL24CZ	Occlusion of middle esophagus with extraluminal device, percutaneous endoscopic approach
0DL24DZ	Occlusion of middle esophagus with intraluminal device, percutaneous endoscopic approach
0DL24ZZ	Occlusion of middle esophagus, percutaneous endoscopic approach
0DL30CZ	Occlusion of lower esophagus with extraluminal device, open approach
0DL30DZ	Occlusion of lower esophagus with intraluminal device, open approach
0DL30ZZ	Occlusion of lower esophagus, open approach
0DL33CZ	Occlusion of lower esophagus with extraluminal device, percutaneous approach
0DL33DZ	Occlusion of lower esophagus with intraluminal device, percutaneous approach
0DL33ZZ	Occlusion of lower esophagus, percutaneous approach
0DL34CZ	Occlusion of lower esophagus with extraluminal device, percutaneous endoscopic approach
0DL34DZ	Occlusion of lower esophagus with intraluminal device, percutaneous endoscopic approach
0DL34ZZ	Occlusion of lower esophagus, percutaneous endoscopic approach
0DL40CZ	Occlusion of esophagogastric junction with extraluminal device, open approach
0DL40DZ	Occlusion of esophagogastric junction with intraluminal device, open approach
0DL40ZZ	Occlusion of esophagogastric junction, open approach
0DL43CZ	Occlusion of esophagogastric junction with extraluminal device, percutaneous approach

0BF44ZZ	Fragmentation in right upper lobe bronchus, percutaneous endoscopic approach
0BF47ZZ	Fragmentation in right upper lobe bronchus, via natural or artificial opening
0BF48ZZ	Fragmentation in right upper lobe bronchus, via natural or artificial opening endoscopic
0BF50ZZ	Fragmentation in right middle lobe bronchus, open approach
0BF53ZZ	Fragmentation in right middle lobe bronchus, percutaneous approach
0BF54ZZ	Fragmentation in right middle lobe bronchus, percutaneous endoscopic approach
0BF57ZZ	Fragmentation in right middle lobe bronchus, via natural or artificial opening
0BF58ZZ	Fragmentation in right middle lobe bronchus, via natural or artificial opening endoscopic
0BF60ZZ	Fragmentation in right lower lobe bronchus, open approach
0BF63ZZ	Fragmentation in right lower lobe bronchus, percutaneous approach
0BF64ZZ	Fragmentation in right lower lobe bronchus, percutaneous endoscopic approach
0BF67ZZ	Fragmentation in right lower lobe bronchus, via natural or artificial opening
0BF68ZZ	Fragmentation in right lower lobe bronchus, via natural or artificial opening endoscopic
0BF70ZZ	Fragmentation in left main bronchus, open approach
0BF73ZZ	Fragmentation in left main bronchus, percutaneous approach
0BF74ZZ	Fragmentation in left main bronchus, percutaneous endoscopic approach
0DL43DZ	Occlusion of esophagogastric junction with intraluminal device, percutaneous approach
0DL43ZZ	Occlusion of esophagogastric junction, percutaneous approach
0DL44CZ	Occlusion of esophagogastric junction with extraluminal device, percutaneous endoscopic approach
0DL44DZ	Occlusion of esophagogastric junction with intraluminal device, percutaneous endoscopic approach
0DL44ZZ	Occlusion of esophagogastric junction, percutaneous endoscopic approach
0DL50CZ	Occlusion of esophagus with extraluminal device, open approach
0DL50DZ	Occlusion of esophagus with intraluminal device, open approach
0DL50ZZ	Occlusion of esophagus, open approach
0DL53CZ	Occlusion of esophagus with extraluminal device, percutaneous approach
0DL53DZ	Occlusion of esophagus with intraluminal device, percutaneous approach
0DL53ZZ	Occlusion of esophagus, percutaneous approach
0DL54CZ	Occlusion of esophagus with extraluminal device, percutaneous endoscopic approach
0DL54DZ	Occlusion of esophagus with intraluminal device, percutaneous endoscopic approach
0DL54ZZ	Occlusion of esophagus, percutaneous endoscopic approach
0DM50ZZ	Reattachment of esophagus, open approach
0DM54ZZ	Reattachment of esophagus, percutaneous endoscopic approach

0BF77ZZ	Fragmentation in left main bronchus, via natural or artificial opening
0BF78ZZ	Fragmentation in left main bronchus, via natural or artificial opening endoscopic
0BF80ZZ	Fragmentation in left upper lobe bronchus, open approach
0BF83ZZ	Fragmentation in left upper lobe bronchus, percutaneous approach
0BF84ZZ	Fragmentation in left upper lobe bronchus, percutaneous endoscopic approach
0BF87ZZ	Fragmentation in left upper lobe bronchus, via natural or artificial opening
0BF88ZZ	Fragmentation in left upper lobe bronchus, via natural or artificial opening endoscopic
0BF90ZZ	Fragmentation in lingula bronchus, open approach
0BF93ZZ	Fragmentation in lingula bronchus, percutaneous approach
0BF94ZZ	Fragmentation in lingula bronchus, percutaneous endoscopic approach
0BF97ZZ	Fragmentation in lingula bronchus, via natural or artificial opening
0BF98ZZ	Fragmentation in lingula bronchus, via natural or artificial opening endoscopic
0BFB0ZZ	Fragmentation in left lower lobe bronchus, open approach
0BFB3ZZ	Fragmentation in left lower lobe bronchus, percutaneous approach
0BFB4ZZ	Fragmentation in left lower lobe bronchus, percutaneous endoscopic approach
0BFB7ZZ	Fragmentation in left lower lobe bronchus, via natural or artificial opening
0BFB8ZZ	Fragmentation in left lower lobe bronchus, via natural or artificial opening endoscopic
0BH002Z	Insertion of monitoring device into tracheobronchial tree, open approach
0DN10ZZ	Release upper esophagus, open approach
0DN13ZZ	Release upper esophagus, percutaneous approach
0DN14ZZ	Release upper esophagus, percutaneous endoscopic approach
0DN20ZZ	Release middle esophagus, open approach
0DN23ZZ	Release middle esophagus, percutaneous approach
0DN24ZZ	Release middle esophagus, percutaneous endoscopic approach
0DN30ZZ	Release lower esophagus, open approach
0DN33ZZ	Release lower esophagus, percutaneous approach
0DN34ZZ	Release lower esophagus, percutaneous endoscopic approach
0DN40ZZ	Release esophagogastric junction, open approach
0DN43ZZ	Release esophagogastric junction, percutaneous approach
0DN44ZZ	Release esophagogastric junction, percutaneous endoscopic approach
0DN50ZZ	Release esophagus, open approach
0DN53ZZ	Release esophagus, percutaneous approach
0DN54ZZ	Release esophagus, percutaneous endoscopic approach
0DP040Z	Removal of drainage device from upper intestinal tract, percutaneous endoscopic approach
0DP042Z	Removal of monitoring device from upper intestinal tract, percutaneous endoscopic approach
0DP043Z	Removal of infusion device from upper intestinal tract, percutaneous endoscopic approach

0BH003Z	Insertion of infusion device into tracheobronchial tree, open approach
0BH00DZ	Insertion of intraluminal device into tracheobronchial tree, open approach
0BH00YZ	Insertion of other device into tracheobronchial tree, open approach
0BH032Z	Insertion of monitoring device into tracheobronchial tree, percutaneous approach
0BH033Z	Insertion of infusion device into tracheobronchial tree, percutaneous approach
0BH03DZ	Insertion of intraluminal device into tracheobronchial tree, percutaneous approach
0BH03YZ	Insertion of other device into tracheobronchial tree, percutaneous approach
0BH042Z	Insertion of monitoring device into tracheobronchial tree, percutaneous endoscopic approach
0BH043Z	Insertion of infusion device into tracheobronchial tree, percutaneous endoscopic approach
0BH04DZ	Insertion of intraluminal device into tracheobronchial tree, percutaneous endoscopic approach
0BH04YZ	Insertion of other device into tracheobronchial tree, percutaneous endoscopic approach
0BH30GZ	Insertion of endobronchial valve into right main bronchus, open approach
0BH33GZ	Insertion of endobronchial valve into right main bronchus, percutaneous approach
0BH34GZ	Insertion of endobronchial valve into right main bronchus, percutaneous endoscopic approach
0BH37GZ	Insertion of endobronchial valve into right main bronchus, via natural or artificial opening
0DP047Z	Removal of autologous tissue substitute from upper intestinal tract, percutaneous endoscopic approach
0DP04CZ	Removal of extraluminal device from upper intestinal tract, percutaneous endoscopic approach
0DP04DZ	Removal of intraluminal device from upper intestinal tract, percutaneous endoscopic approach
0DP04JZ	Removal of synthetic substitute from upper intestinal tract, percutaneous endoscopic approach
0DP04KZ	Removal of nonautologous tissue substitute from upper intestinal tract, percutaneous endoscopic approach
0DP04UZ	Removal of feeding device from upper intestinal tract, percutaneous endoscopic approach
0DP04YZ	Removal of other device from upper intestinal tract, percutaneous endoscopic approach
0DP501Z	Removal of radioactive element from esophagus, open approach
0DP502Z	Removal of monitoring device from esophagus, open approach
0DP503Z	Removal of infusion device from esophagus, open approach
0DP50UZ	Removal of feeding device from esophagus, open approach
0DP50YZ	Removal of other device from esophagus, open approach
0DP531Z	Removal of radioactive element from esophagus, percutaneous approach
0DP532Z	Removal of monitoring device from esophagus, percutaneous approach
0DP533Z	Removal of infusion device from esophagus, percutaneous approach

0BH40GZ	Insertion of endobronchial valve into right upper lobe bronchus, open approach	0DP53UZ	Removal of feeding device from esophagus, percutaneous approach
0BH43GZ	Insertion of endobronchial valve into right upper lobe bronchus, percutaneous approach	0DP53YZ	Removal of other device from esophagus, percutaneous approach
0BH44GZ	Insertion of endobronchial valve into right upper lobe bronchus, percutaneous endoscopic approach	0DP541Z	Removal of radioactive element from esophagus, percutaneous endoscopic approach
0BH47GZ	Insertion of endobronchial valve into right upper lobe bronchus, via natural or artificial opening	0DP542Z	Removal of monitoring device from esophagus, percutaneous endoscopic approach
0BH50GZ	Insertion of endobronchial valve into right middle lobe bronchus, open approach	0DP543Z	Removal of infusion device from esophagus, percutaneous endoscopic approach
0BH53GZ	Insertion of endobronchial valve into right middle lobe bronchus, percutaneous approach	0DP54UZ	Removal of feeding device from esophagus, percutaneous endoscopic approach
0BH54GZ	Insertion of endobronchial valve into right middle lobe bronchus, percutaneous endoscopic approach	0DP54YZ	Removal of other device from esophagus, percutaneous endoscopic approach
0BH57GZ	Insertion of endobronchial valve into right middle lobe bronchus, via natural or artificial opening	0DQ10ZZ	Repair upper esophagus, open approach
0BH60GZ	Insertion of endobronchial valve into right lower lobe bronchus, open approach	0DQ13ZZ	Repair upper esophagus, percutaneous approach
0BH63GZ	Insertion of endobronchial valve into right lower lobe bronchus, percutaneous approach	0DQ14ZZ	Repair upper esophagus, percutaneous endoscopic approach
0BH64GZ	Insertion of endobronchial valve into right lower lobe bronchus, percutaneous endoscopic approach	0DQ20ZZ	Repair middle esophagus, open approach
0BH67GZ	Insertion of endobronchial valve into right lower lobe bronchus, via natural or artificial opening	0DQ23ZZ	Repair middle esophagus, percutaneous approach
0BH70GZ	Insertion of endobronchial valve into left main bronchus, open approach	0DQ24ZZ	Repair middle esophagus, percutaneous endoscopic approach
0BH73GZ	Insertion of endobronchial valve into left main bronchus, percutaneous approach	0DQ30ZZ	Repair lower esophagus, open approach
0BH74GZ	Insertion of endobronchial valve into left main bronchus, percutaneous endoscopic approach	0DQ33ZZ	Repair lower esophagus, percutaneous approach

0BH77GZ	Insertion of endobronchial valve into left main bronchus, via natural or artificial opening
0BH80GZ	Insertion of endobronchial valve into left upper lobe bronchus, open approach
0BH83GZ	Insertion of endobronchial valve into left upper lobe bronchus, percutaneous approach
0BH84GZ	Insertion of endobronchial valve into left upper lobe bronchus, percutaneous endoscopic approach
0BH87GZ	Insertion of endobronchial valve into left upper lobe bronchus, via natural or artificial opening
0BH90GZ	Insertion of endobronchial valve into lingula bronchus, open approach
0BH93GZ	Insertion of endobronchial valve into lingula bronchus, percutaneous approach
0BH94GZ	Insertion of endobronchial valve into lingula bronchus, percutaneous endoscopic approach
0BH97GZ	Insertion of endobronchial valve into lingula bronchus, via natural or artificial opening
0BHB0GZ	Insertion of endobronchial valve into left lower lobe bronchus, open approach
0BHB3GZ	Insertion of endobronchial valve into left lower lobe bronchus, percutaneous approach
0BHB4GZ	Insertion of endobronchial valve into left lower lobe bronchus, percutaneous endoscopic approach
0BHB7GZ	Insertion of endobronchial valve into left lower lobe bronchus, via natural or artificial opening
0BHK02Z	Insertion of monitoring device into right lung, open approach
0BHK03Z	Insertion of infusion device into right lung, open approach
0BHK0YZ	Insertion of other device into right lung, open approach
0DQ34ZZ	Repair lower esophagus, percutaneous endoscopic approach
0DQ40ZZ	Repair esophagogastric junction, open approach
0DQ43ZZ	Repair esophagogastric junction, percutaneous approach
0DQ44ZZ	Repair esophagogastric junction, percutaneous endoscopic approach
0DQ50ZZ	Repair esophagus, open approach
0DQ53ZZ	Repair esophagus, percutaneous approach
0DQ54ZZ	Repair esophagus, percutaneous endoscopic approach
0DR507Z	Replacement of esophagus with autologous tissue substitute, open approach
0DR50JZ	Replacement of esophagus with synthetic substitute, open approach
0DR50KZ	Replacement of esophagus with nonautologous tissue substitute, open approach
0DR547Z	Replacement of esophagus with autologous tissue substitute, percutaneous endoscopic approach
0DR54JZ	Replacement of esophagus with synthetic substitute, percutaneous endoscopic approach
0DR54KZ	Replacement of esophagus with nonautologous tissue substitute, percutaneous endoscopic approach
0DS50ZZ	Reposition esophagus, open approach
0DS54ZZ	Reposition esophagus, percutaneous endoscopic approach
0DT10ZZ	Resection of upper esophagus, open approach

0BHK32Z	Insertion of monitoring device into right lung, percutaneous approach
0BHK33Z	Insertion of infusion device into right lung, percutaneous approach
0BHK3YZ	Insertion of other device into right lung, percutaneous approach
0BHK42Z	Insertion of monitoring device into right lung, percutaneous endoscopic approach
0BHK43Z	Insertion of infusion device into right lung, percutaneous endoscopic approach
0BHK4YZ	Insertion of other device into right lung, percutaneous endoscopic approach
0BHK72Z	Insertion of monitoring device into right lung, via natural or artificial opening
0BHK73Z	Insertion of infusion device into right lung, via natural or artificial opening
0BHK7YZ	Insertion of other device into right lung, via natural or artificial opening
0BHK82Z	Insertion of monitoring device into right lung, via natural or artificial opening endoscopic
0BHK83Z	Insertion of infusion device into right lung, via natural or artificial opening endoscopic
0BHK8YZ	Insertion of other device into right lung, via natural or artificial opening endoscopic
0BHL02Z	Insertion of monitoring device into left lung, open approach
0BHL03Z	Insertion of infusion device into left lung, open approach
0BHL0YZ	Insertion of other device into left lung, open approach
0BHL32Z	Insertion of monitoring device into left lung, percutaneous approach
0BHL33Z	Insertion of infusion device into left lung, percutaneous approach

0DT14ZZ	Resection of upper esophagus, percutaneous endoscopic approach
0DT20ZZ	Resection of middle esophagus, open approach
0DT24ZZ	Resection of middle esophagus, percutaneous endoscopic approach
0DT30ZZ	Resection of lower esophagus, open approach
0DT34ZZ	Resection of lower esophagus, percutaneous endoscopic approach
0DT40ZZ	Resection of esophagogastric junction, open approach
0DT44ZZ	Resection of esophagogastric junction, percutaneous endoscopic approach
0DT50ZZ	Resection of esophagus, open approach
0DT54ZZ	Resection of esophagus, percutaneous endoscopic approach
0DT60ZZ	Resection of stomach, open approach
0DT64ZZ	Resection of stomach, percutaneous endoscopic approach
0DU107Z	Supplement upper esophagus with autologous tissue substitute, open approach
0DU10JZ	Supplement upper esophagus with synthetic substitute, open approach
0DU10KZ	Supplement upper esophagus with nonautologous tissue substitute, open approach
0DU147Z	Supplement upper esophagus with autologous tissue substitute, percutaneous endoscopic approach
0DU14JZ	Supplement upper esophagus with synthetic substitute, percutaneous endoscopic approach
0DU14KZ	Supplement upper esophagus with nonautologous tissue substitute, percutaneous endoscopic approach

0BHL3YZ	Insertion of other device into left lung, percutaneous approach
0BHL42Z	Insertion of monitoring device into left lung, percutaneous endoscopic approach
0BHL43Z	Insertion of infusion device into left lung, percutaneous endoscopic approach
0BHL4YZ	Insertion of other device into left lung, percutaneous endoscopic approach
0BHL72Z	Insertion of monitoring device into left lung, via natural or artificial opening
0BHL73Z	Insertion of infusion device into left lung, via natural or artificial opening
0BHL7YZ	Insertion of other device into left lung, via natural or artificial opening
0BHL82Z	Insertion of monitoring device into left lung, via natural or artificial opening endoscopic
0BHL83Z	Insertion of infusion device into left lung, via natural or artificial opening endoscopic
0BHL8YZ	Insertion of other device into left lung, via natural or artificial opening endoscopic
0BHQ0YZ	Insertion of other device into pleura, open approach
0BHQ3YZ	Insertion of other device into pleura, percutaneous approach
0BHQ4YZ	Insertion of other device into pleura, percutaneous endoscopic approach
0BHQ7YZ	Insertion of other device into pleura, via natural or artificial opening
0BHQ8YZ	Insertion of other device into pleura, via natural or artificial opening endoscopic
0DU207Z	Supplement middle esophagus with autologous tissue substitute, open approach
0DU20JZ	Supplement middle esophagus with synthetic substitute, open approach
0DU20KZ	Supplement middle esophagus with nonautologous tissue substitute, open approach
0DU247Z	Supplement middle esophagus with autologous tissue substitute, percutaneous endoscopic approach
0DU24JZ	Supplement middle esophagus with synthetic substitute, percutaneous endoscopic approach
0DU24KZ	Supplement middle esophagus with nonautologous tissue substitute, percutaneous endoscopic approach
0DU307Z	Supplement lower esophagus with autologous tissue substitute, open approach
0DU30JZ	Supplement lower esophagus with synthetic substitute, open approach
0DU30KZ	Supplement lower esophagus with nonautologous tissue substitute, open approach
0DU347Z	Supplement lower esophagus with autologous tissue substitute, percutaneous endoscopic approach
0DU34JZ	Supplement lower esophagus with synthetic substitute, percutaneous endoscopic approach
0DU34KZ	Supplement lower esophagus with nonautologous tissue substitute, percutaneous endoscopic approach
0DU407Z	Supplement esophagogastric junction with autologous tissue substitute, open approach
0DU40JZ	Supplement esophagogastric junction with synthetic substitute, open approach
0DU40KZ	Supplement esophagogastric junction with nonautologous tissue substitute, open approach

0BHR02Z	Insertion of monitoring device into right diaphragm, open approach
0BHR0MZ	Insertion of diaphragmatic pacemaker lead into right diaphragm, open approach
0BHR32Z	Insertion of monitoring device into right diaphragm, percutaneous approach
0BHR3MZ	Insertion of diaphragmatic pacemaker lead into right diaphragm, percutaneous approach
0BHR42Z	Insertion of monitoring device into right diaphragm, percutaneous endoscopic approach
0BHR4MZ	Insertion of diaphragmatic pacemaker lead into right diaphragm, percutaneous endoscopic approach
0BHS02Z	Insertion of monitoring device into left diaphragm, open approach
0BHS0MZ	Insertion of diaphragmatic pacemaker lead into left diaphragm, open approach
0BHS32Z	Insertion of monitoring device into left diaphragm, percutaneous approach
0BHS3MZ	Insertion of diaphragmatic pacemaker lead into left diaphragm, percutaneous approach
0BHS42Z	Insertion of monitoring device into left diaphragm, percutaneous endoscopic approach
0BHS4MZ	Insertion of diaphragmatic pacemaker lead into left diaphragm, percutaneous endoscopic approach
0BHT02Z	Insertion of monitoring device into diaphragm, open approach
0BHT0MZ	Insertion of diaphragmatic pacemaker lead into diaphragm, open approach
0BHT0YZ	Insertion of other device into diaphragm, open approach
0DU447Z	Supplement esophagogastric junction with autologous tissue substitute, percutaneous endoscopic approach
0DU44JZ	Supplement esophagogastric junction with synthetic substitute, percutaneous endoscopic approach
0DU44KZ	Supplement esophagogastric junction with nonautologous tissue substitute, percutaneous endoscopic approach
0DU507Z	Supplement esophagus with autologous tissue substitute, open approach
0DU50JZ	Supplement esophagus with synthetic substitute, open approach
0DU50KZ	Supplement esophagus with nonautologous tissue substitute, open approach
0DU547Z	Supplement esophagus with autologous tissue substitute, percutaneous endoscopic approach
0DU54JZ	Supplement esophagus with synthetic substitute, percutaneous endoscopic approach
0DU54KZ	Supplement esophagus with nonautologous tissue substitute, percutaneous endoscopic approach
0DV10CZ	Restriction of upper esophagus with extraluminal device, open approach
0DV10DZ	Restriction of upper esophagus with intraluminal device, open approach
0DV10ZZ	Restriction of upper esophagus, open approach
0DV13CZ	Restriction of upper esophagus with extraluminal device, percutaneous approach
0DV13DZ	Restriction of upper esophagus with intraluminal device, percutaneous approach
0DV13ZZ	Restriction of upper esophagus, percutaneous approach

0BHT32Z	Insertion of monitoring device into diaphragm, percutaneous approach
0BHT3MZ	Insertion of diaphragmatic pacemaker lead into diaphragm, percutaneous approach
0BHT3YZ	Insertion of other device into diaphragm, percutaneous approach
0BHT42Z	Insertion of monitoring device into diaphragm, percutaneous endoscopic approach
0BHT4MZ	Insertion of diaphragmatic pacemaker lead into diaphragm, percutaneous endoscopic approach
0BHT4YZ	Insertion of other device into diaphragm, percutaneous endoscopic approach
0BHT7YZ	Insertion of other device into diaphragm, via natural or artificial opening
0BHT8YZ	Insertion of other device into diaphragm, via natural or artificial opening endoscopic
0BJ00ZZ	Inspection of tracheobronchial tree, open approach
0BJ03ZZ	Inspection of tracheobronchial tree, percutaneous approach
0BJ04ZZ	Inspection of tracheobronchial tree, percutaneous endoscopic approach
0BJ07ZZ	Inspection of tracheobronchial tree, via natural or artificial opening
0BJ0XZZ	Inspection of tracheobronchial tree, external approach
0BJ10ZZ	Inspection of trachea, open approach
0BJK0ZZ	Inspection of right lung, open approach
0BJK3ZZ	Inspection of right lung, percutaneous approach
0BJK4ZZ	Inspection of right lung, percutaneous endoscopic approach
0DV14CZ	Restriction of upper esophagus with extraluminal device, percutaneous endoscopic approach
0DV14DZ	Restriction of upper esophagus with intraluminal device, percutaneous endoscopic approach
0DV14ZZ	Restriction of upper esophagus, percutaneous endoscopic approach
0DV20CZ	Restriction of middle esophagus with extraluminal device, open approach
0DV20DZ	Restriction of middle esophagus with intraluminal device, open approach
0DV20ZZ	Restriction of middle esophagus, open approach
0DV23CZ	Restriction of middle esophagus with extraluminal device, percutaneous approach
0DV23DZ	Restriction of middle esophagus with intraluminal device, percutaneous approach
0DV23ZZ	Restriction of middle esophagus, percutaneous approach
0DV24CZ	Restriction of middle esophagus with extraluminal device, percutaneous endoscopic approach
0DV24DZ	Restriction of middle esophagus with intraluminal device, percutaneous endoscopic approach
0DV24ZZ	Restriction of middle esophagus, percutaneous endoscopic approach
0DV30CZ	Restriction of lower esophagus with extraluminal device, open approach
0DV30DZ	Restriction of lower esophagus with intraluminal device, open approach
0DV30ZZ	Restriction of lower esophagus, open approach
0DV33CZ	Restriction of lower esophagus with extraluminal device, percutaneous approach
0DV33DZ	Restriction of lower esophagus with intraluminal device, percutaneous approach

0BJK7ZZ	Inspection of right lung, via natural or artificial opening
0BJKXZZ	Inspection of right lung, external approach
0BJL0ZZ	Inspection of left lung, open approach
0BJL3ZZ	Inspection of left lung, percutaneous approach
0BJL4ZZ	Inspection of left lung, percutaneous endoscopic approach
0BJL7ZZ	Inspection of left lung, via natural or artificial opening
0BJLXZZ	Inspection of left lung, external approach
0BJQ0ZZ	Inspection of pleura, open approach
0BJQ3ZZ	Inspection of pleura, percutaneous approach
0BJQ4ZZ	Inspection of pleura, percutaneous endoscopic approach
0BJQ7ZZ	Inspection of pleura, via natural or artificial opening
0BJQ8ZZ	Inspection of pleura, via natural or artificial opening endoscopic
0BJQXZZ	Inspection of pleura, external approach
0BJT0ZZ	Inspection of diaphragm, open approach
0BJT3ZZ	Inspection of diaphragm, percutaneous approach
0BJT4ZZ	Inspection of diaphragm, percutaneous endoscopic approach
0BJT7ZZ	Inspection of diaphragm, via natural or artificial opening

0DV33ZZ	Restriction of lower esophagus, percutaneous approach
0DV34CZ	Restriction of lower esophagus with extraluminal device, percutaneous endoscopic approach
0DV34DZ	Restriction of lower esophagus with intraluminal device, percutaneous endoscopic approach
0DV34ZZ	Restriction of lower esophagus, percutaneous endoscopic approach
0DV40CZ	Restriction of esophagogastric junction with extraluminal device, open approach
0DV40DZ	Restriction of esophagogastric junction with intraluminal device, open approach
0DV40ZZ	Restriction of esophagogastric junction, open approach
0DV43CZ	Restriction of esophagogastric junction with extraluminal device, percutaneous approach
0DV43DZ	Restriction of esophagogastric junction with intraluminal device, percutaneous approach
0DV43ZZ	Restriction of esophagogastric junction, percutaneous approach
0DV44CZ	Restriction of esophagogastric junction with extraluminal device, percutaneous endoscopic approach
0DV44DZ	Restriction of esophagogastric junction with intraluminal device, percutaneous endoscopic approach
0DV44ZZ	Restriction of esophagogastric junction, percutaneous endoscopic approach
0DV50CZ	Restriction of esophagus with extraluminal device, open approach
0DV50DZ	Restriction of esophagus with intraluminal device, open approach
0DV50ZZ	Restriction of esophagus, open approach
0DV53CZ	Restriction of esophagus with extraluminal device, percutaneous approach

0BJT8ZZ	Inspection of diaphragm, via natural or artificial opening endoscopic
0BJTXZZ	Inspection of diaphragm, external approach
0BL10CZ	Occlusion of trachea with extraluminal device, open approach
0BL10DZ	Occlusion of trachea with intraluminal device, open approach
0BL10ZZ	Occlusion of trachea, open approach
0BL13CZ	Occlusion of trachea with extraluminal device, percutaneous approach
0BL13DZ	Occlusion of trachea with intraluminal device, percutaneous approach
0BL13ZZ	Occlusion of trachea, percutaneous approach
0BL14CZ	Occlusion of trachea with extraluminal device, percutaneous endoscopic approach
0BL14DZ	Occlusion of trachea with intraluminal device, percutaneous endoscopic approach
0BL14ZZ	Occlusion of trachea, percutaneous endoscopic approach
0BL17DZ	Occlusion of trachea with intraluminal device, via natural or artificial opening
0BL17ZZ	Occlusion of trachea, via natural or artificial opening
0BL18DZ	Occlusion of trachea with intraluminal device, via natural or artificial opening endoscopic
0BL18ZZ	Occlusion of trachea, via natural or artificial opening endoscopic
0BL20CZ	Occlusion of carina with extraluminal device, open approach
0DV53DZ	Restriction of esophagus with intraluminal device, percutaneous approach
0DV53ZZ	Restriction of esophagus, percutaneous approach
0DV54CZ	Restriction of esophagus with extraluminal device, percutaneous endoscopic approach
0DV54DZ	Restriction of esophagus with intraluminal device, percutaneous endoscopic approach
0DV54ZZ	Restriction of esophagus, percutaneous endoscopic approach
0DW040Z	Revision of drainage device in upper intestinal tract, percutaneous endoscopic approach
0DW042Z	Revision of monitoring device in upper intestinal tract, percutaneous endoscopic approach
0DW043Z	Revision of infusion device in upper intestinal tract, percutaneous endoscopic approach
0DW047Z	Revision of autologous tissue substitute in upper intestinal tract, percutaneous endoscopic approach
0DW04CZ	Revision of extraluminal device in upper intestinal tract, percutaneous endoscopic approach
0DW04DZ	Revision of intraluminal device in upper intestinal tract, percutaneous endoscopic approach
0DW04JZ	Revision of synthetic substitute in upper intestinal tract, percutaneous endoscopic approach
0DW04KZ	Revision of nonautologous tissue substitute in upper intestinal tract, percutaneous endoscopic approach
0DW04UZ	Revision of feeding device in upper intestinal tract, percutaneous endoscopic approach
0DW04YZ	Revision of other device in upper intestinal tract, percutaneous endoscopic approach
0DW50YZ	Revision of other device in esophagus, open approach

0BL20DZ	Occlusion of carina with intraluminal device, open approach
0BL20ZZ	Occlusion of carina, open approach
0BL23CZ	Occlusion of carina with extraluminal device, percutaneous approach
0BL23DZ	Occlusion of carina with intraluminal device, percutaneous approach
0BL23ZZ	Occlusion of carina, percutaneous approach
0BL24CZ	Occlusion of carina with extraluminal device, percutaneous endoscopic approach
0BL24DZ	Occlusion of carina with intraluminal device, percutaneous endoscopic approach
0BL24ZZ	Occlusion of carina, percutaneous endoscopic approach
0BL27DZ	Occlusion of carina with intraluminal device, via natural or artificial opening
0BL27ZZ	Occlusion of carina, via natural or artificial opening
0BL28DZ	Occlusion of carina with intraluminal device, via natural or artificial opening endoscopic
0BL28ZZ	Occlusion of carina, via natural or artificial opening endoscopic
0BL30CZ	Occlusion of right main bronchus with extraluminal device, open approach
0BL30DZ	Occlusion of right main bronchus with intraluminal device, open approach
0BL30ZZ	Occlusion of right main bronchus, open approach
0BL33CZ	Occlusion of right main bronchus with extraluminal device, percutaneous approach
0BL33DZ	Occlusion of right main bronchus with intraluminal device, percutaneous approach
0BL33ZZ	Occlusion of right main bronchus, percutaneous approach
0BL34CZ	Occlusion of right main bronchus with extraluminal device, percutaneous endoscopic approach
0DW53YZ	Revision of other device in esophagus, percutaneous approach
0DW54YZ	Revision of other device in esophagus, percutaneous endoscopic approach
0DX60Z5	Transfer stomach to esophagus, open approach
0DX64Z5	Transfer stomach to esophagus, percutaneous endoscopic approach
0DX80Z5	Transfer small intestine to esophagus, open approach
0DX84Z5	Transfer small intestine to esophagus, percutaneous endoscopic approach
0DXE0Z5	Transfer large intestine to esophagus, open approach
0DXE4Z5	Transfer large intestine to esophagus, percutaneous endoscopic approach
0DY50Z0	Transplantation of esophagus, allogeneic, open approach
0DY50Z1	Transplantation of esophagus, syngeneic, open approach
0DY50Z2	Transplantation of esophagus, zooplastic, open approach
0PB00ZZ	Excision of sternum, open approach
0PB03ZZ	Excision of sternum, percutaneous approach
0PB04ZZ	Excision of sternum, percutaneous endoscopic approach
0PB10ZZ	Excision of 1 to 2 ribs, open approach
0PB13ZZ	Excision of 1 to 2 ribs, percutaneous approach
0PB14ZZ	Excision of 1 to 2 ribs, percutaneous endoscopic approach
0PB20ZZ	Excision of 3 or more ribs, open approach
0PB23ZZ	Excision of 3 or more ribs, percutaneous approach

0BL34DZ	Occlusion of right main bronchus with intraluminal device, percutaneous endoscopic approach
0BL34ZZ	Occlusion of right main bronchus, percutaneous endoscopic approach
0BL37DZ	Occlusion of right main bronchus with intraluminal device, via natural or artificial opening
0BL37ZZ	Occlusion of right main bronchus, via natural or artificial opening
0BL38DZ	Occlusion of right main bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL38ZZ	Occlusion of right main bronchus, via natural or artificial opening endoscopic
0BL40CZ	Occlusion of right upper lobe bronchus with extraluminal device, open approach
0BL40DZ	Occlusion of right upper lobe bronchus with intraluminal device, open approach
0BL40ZZ	Occlusion of right upper lobe bronchus, open approach
0BL43CZ	Occlusion of right upper lobe bronchus with extraluminal device, percutaneous approach
0BL43DZ	Occlusion of right upper lobe bronchus with intraluminal device, percutaneous approach
0BL43ZZ	Occlusion of right upper lobe bronchus, percutaneous approach
0BL44CZ	Occlusion of right upper lobe bronchus with extraluminal device, percutaneous endoscopic approach
0PB24ZZ	Excision of 3 or more ribs, percutaneous endoscopic approach
0PT00ZZ	Resection of sternum, open approach
0PT10ZZ	Resection of 1 to 2 ribs, open approach
0PT20ZZ	Resection of 3 or more ribs, open approach
0RG6070	Fusion of thoracic vertebral joint with autologous tissue substitute, anterior approach, anterior column, open approach
0RG60A0	Fusion of thoracic vertebral joint with interbody fusion device, anterior approach, anterior column, open approach
0RG60J0	Fusion of thoracic vertebral joint with synthetic substitute, anterior approach, anterior column, open approach
0RG60K0	Fusion of thoracic vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, open approach
0RG60Z0	Fusion of thoracic vertebral joint, anterior approach, anterior column, open approach
0RG6370	Fusion of thoracic vertebral joint with autologous tissue substitute, anterior approach, anterior column, percutaneous approach
0RG63A0	Fusion of thoracic vertebral joint with interbody fusion device, anterior approach, anterior column, percutaneous approach
0RG63J0	Fusion of thoracic vertebral joint with synthetic substitute, anterior approach, anterior column, percutaneous approach
0RG63K0	Fusion of thoracic vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, percutaneous approach

0BL44DZ	Occlusion of right upper lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BL44ZZ	Occlusion of right upper lobe bronchus, percutaneous endoscopic approach
0BL47DZ	Occlusion of right upper lobe bronchus with intraluminal device, via natural or artificial opening
0BL47ZZ	Occlusion of right upper lobe bronchus, via natural or artificial opening
0BL48DZ	Occlusion of right upper lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL48ZZ	Occlusion of right upper lobe bronchus, via natural or artificial opening endoscopic
0BL50CZ	Occlusion of right middle lobe bronchus with extraluminal device, open approach
0BL50DZ	Occlusion of right middle lobe bronchus with intraluminal device, open approach
0BL50ZZ	Occlusion of right middle lobe bronchus, open approach
0BL53CZ	Occlusion of right middle lobe bronchus with extraluminal device, percutaneous approach
0BL53DZ	Occlusion of right middle lobe bronchus with intraluminal device, percutaneous approach
0BL53ZZ	Occlusion of right middle lobe bronchus, percutaneous approach
0RG63Z0	Fusion of thoracic vertebral joint, anterior approach, anterior column, percutaneous approach
0RG6470	Fusion of thoracic vertebral joint with autologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG64A0	Fusion of thoracic vertebral joint with interbody fusion device, anterior approach, anterior column, percutaneous endoscopic approach
0RG64J0	Fusion of thoracic vertebral joint with synthetic substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG64K0	Fusion of thoracic vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG64Z0	Fusion of thoracic vertebral joint, anterior approach, anterior column, percutaneous endoscopic approach
0RG7070	Fusion of 2 to 7 thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, open approach
0RG70A0	Fusion of 2 to 7 thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, open approach
0RG70J0	Fusion of 2 to 7 thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, open approach
0RG70K0	Fusion of 2 to 7 thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, open approach
0RG70Z0	Fusion of 2 to 7 thoracic vertebral joints, anterior approach, anterior column, open approach
0RG7370	Fusion of 2 to 7 thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, percutaneous approach

0BL54CZ	Occlusion of right middle lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BL54DZ	Occlusion of right middle lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BL54ZZ	Occlusion of right middle lobe bronchus, percutaneous endoscopic approach
0BL57DZ	Occlusion of right middle lobe bronchus with intraluminal device, via natural or artificial opening
0BL57ZZ	Occlusion of right middle lobe bronchus, via natural or artificial opening
0BL58DZ	Occlusion of right middle lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL58ZZ	Occlusion of right middle lobe bronchus, via natural or artificial opening endoscopic
0BL60CZ	Occlusion of right lower lobe bronchus with extraluminal device, open approach
0BL60DZ	Occlusion of right lower lobe bronchus with intraluminal device, open approach
0BL60ZZ	Occlusion of right lower lobe bronchus, open approach
0BL63CZ	Occlusion of right lower lobe bronchus with extraluminal device, percutaneous approach
0RG73A0	Fusion of 2 to 7 thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, percutaneous approach
0RG73J0	Fusion of 2 to 7 thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, percutaneous approach
0RG73K0	Fusion of 2 to 7 thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, percutaneous approach
0RG73Z0	Fusion of 2 to 7 thoracic vertebral joints, anterior approach, anterior column, percutaneous approach
0RG7470	Fusion of 2 to 7 thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG74A0	Fusion of 2 to 7 thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, percutaneous endoscopic approach
0RG74J0	Fusion of 2 to 7 thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG74K0	Fusion of 2 to 7 thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG74Z0	Fusion of 2 to 7 thoracic vertebral joints, anterior approach, anterior column, percutaneous endoscopic approach
0RG8070	Fusion of 8 or more thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, open approach
0RG80A0	Fusion of 8 or more thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, open approach

0BL63DZ	Occlusion of right lower lobe bronchus with intraluminal device, percutaneous approach
0BL63ZZ	Occlusion of right lower lobe bronchus, percutaneous approach
0BL64CZ	Occlusion of right lower lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BL64DZ	Occlusion of right lower lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BL64ZZ	Occlusion of right lower lobe bronchus, percutaneous endoscopic approach
0BL67DZ	Occlusion of right lower lobe bronchus with intraluminal device, via natural or artificial opening
0BL67ZZ	Occlusion of right lower lobe bronchus, via natural or artificial opening
0BL68DZ	Occlusion of right lower lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL68ZZ	Occlusion of right lower lobe bronchus, via natural or artificial opening endoscopic
0BL70CZ	Occlusion of left main bronchus with extraluminal device, open approach
0BL70DZ	Occlusion of left main bronchus with intraluminal device, open approach
0RG80J0	Fusion of 8 or more thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, open approach
0RG80K0	Fusion of 8 or more thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, open approach
0RG80Z0	Fusion of 8 or more thoracic vertebral joints, anterior approach, anterior column, open approach
0RG8370	Fusion of 8 or more thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, percutaneous approach
0RG83A0	Fusion of 8 or more thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, percutaneous approach
0RG83J0	Fusion of 8 or more thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, percutaneous approach
0RG83K0	Fusion of 8 or more thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, percutaneous approach
0RG83Z0	Fusion of 8 or more thoracic vertebral joints, anterior approach, anterior column, percutaneous approach
0RG8470	Fusion of 8 or more thoracic vertebral joints with autologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG84A0	Fusion of 8 or more thoracic vertebral joints with interbody fusion device, anterior approach, anterior column, percutaneous endoscopic approach
0RG84J0	Fusion of 8 or more thoracic vertebral joints with synthetic substitute, anterior approach, anterior column, percutaneous endoscopic approach

0BL70ZZ	Occlusion of left main bronchus, open approach
0BL73CZ	Occlusion of left main bronchus with extraluminal device, percutaneous approach
0BL73DZ	Occlusion of left main bronchus with intraluminal device, percutaneous approach
0BL73ZZ	Occlusion of left main bronchus, percutaneous approach
0BL74CZ	Occlusion of left main bronchus with extraluminal device, percutaneous endoscopic approach
0BL74DZ	Occlusion of left main bronchus with intraluminal device, percutaneous endoscopic approach
0BL74ZZ	Occlusion of left main bronchus, percutaneous endoscopic approach
0BL77DZ	Occlusion of left main bronchus with intraluminal device, via natural or artificial opening
0BL77ZZ	Occlusion of left main bronchus, via natural or artificial opening
0BL78DZ	Occlusion of left main bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL78ZZ	Occlusion of left main bronchus, via natural or artificial opening endoscopic
0RG84K0	Fusion of 8 or more thoracic vertebral joints with nonautologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RG84Z0	Fusion of 8 or more thoracic vertebral joints, anterior approach, anterior column, percutaneous endoscopic approach
0RGA070	Fusion of thoracolumbar vertebral joint with autologous tissue substitute, anterior approach, anterior column, open approach
0RGA0A0	Fusion of thoracolumbar vertebral joint with interbody fusion device, anterior approach, anterior column, open approach
0RGA0J0	Fusion of thoracolumbar vertebral joint with synthetic substitute, anterior approach, anterior column, open approach
0RGA0K0	Fusion of thoracolumbar vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, open approach
0RGA0Z0	Fusion of thoracolumbar vertebral joint, anterior approach, anterior column, open approach
0RGA370	Fusion of thoracolumbar vertebral joint with autologous tissue substitute, anterior approach, anterior column, percutaneous approach
0RGA3A0	Fusion of thoracolumbar vertebral joint with interbody fusion device, anterior approach, anterior column, percutaneous approach
0RGA3J0	Fusion of thoracolumbar vertebral joint with synthetic substitute, anterior approach, anterior column, percutaneous approach
0RGA3K0	Fusion of thoracolumbar vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, percutaneous approach

0BL80CZ	Occlusion of left upper lobe bronchus with extraluminal device, open approach
0BL80DZ	Occlusion of left upper lobe bronchus with intraluminal device, open approach
0BL80ZZ	Occlusion of left upper lobe bronchus, open approach
0BL83CZ	Occlusion of left upper lobe bronchus with extraluminal device, percutaneous approach
0BL83DZ	Occlusion of left upper lobe bronchus with intraluminal device, percutaneous approach
0BL83ZZ	Occlusion of left upper lobe bronchus, percutaneous approach
0BL84CZ	Occlusion of left upper lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BL84DZ	Occlusion of left upper lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BL84ZZ	Occlusion of left upper lobe bronchus, percutaneous endoscopic approach
0BL87DZ	Occlusion of left upper lobe bronchus with intraluminal device, via natural or artificial opening
0BL87ZZ	Occlusion of left upper lobe bronchus, via natural or artificial opening
0BL88DZ	Occlusion of left upper lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL88ZZ	Occlusion of left upper lobe bronchus, via natural or artificial opening endoscopic

0RGA3Z0	Fusion of thoracolumbar vertebral joint, anterior approach, anterior column, percutaneous approach
0RGA470	Fusion of thoracolumbar vertebral joint with autologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RGA4A0	Fusion of thoracolumbar vertebral joint with interbody fusion device, anterior approach, anterior column, percutaneous endoscopic approach
0RGA4J0	Fusion of thoracolumbar vertebral joint with synthetic substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RGA4K0	Fusion of thoracolumbar vertebral joint with nonautologous tissue substitute, anterior approach, anterior column, percutaneous endoscopic approach
0RGA4Z0	Fusion of thoracolumbar vertebral joint, anterior approach, anterior column, percutaneous endoscopic approach
0W190J4	Bypass right pleural cavity to cutaneous with synthetic substitute, open approach
0W190J9	Bypass right pleural cavity to right pleural cavity with synthetic substitute, open approach
0W190JB	Bypass right pleural cavity to left pleural cavity with synthetic substitute, open approach
0W190JG	Bypass right pleural cavity to peritoneal cavity with synthetic substitute, open approach
0W190JJ	Bypass right pleural cavity to pelvic cavity with synthetic substitute, open approach
0W190JW	Bypass right pleural cavity to upper vein with synthetic substitute, open approach
0W190JY	Bypass right pleural cavity to lower vein with synthetic substitute, open approach

0BL90CZ	Occlusion of lingula bronchus with extraluminal device, open approach
0BL90DZ	Occlusion of lingula bronchus with intraluminal device, open approach
0BL90ZZ	Occlusion of lingula bronchus, open approach
0BL93CZ	Occlusion of lingula bronchus with extraluminal device, percutaneous approach
0BL93DZ	Occlusion of lingula bronchus with intraluminal device, percutaneous approach
0BL93ZZ	Occlusion of lingula bronchus, percutaneous approach
0BL94CZ	Occlusion of lingula bronchus with extraluminal device, percutaneous endoscopic approach
0BL94DZ	Occlusion of lingula bronchus with intraluminal device, percutaneous endoscopic approach
0BL94ZZ	Occlusion of lingula bronchus, percutaneous endoscopic approach
0BL97DZ	Occlusion of lingula bronchus with intraluminal device, via natural or artificial opening
0BL97ZZ	Occlusion of lingula bronchus, via natural or artificial opening
0BL98DZ	Occlusion of lingula bronchus with intraluminal device, via natural or artificial opening endoscopic
0BL98ZZ	Occlusion of lingula bronchus, via natural or artificial opening endoscopic
0BLB0CZ	Occlusion of left lower lobe bronchus with extraluminal device, open approach

0W193J4	Bypass right pleural cavity to cutaneous with synthetic substitute, percutaneous approach
0W193J9	Bypass right pleural cavity to right pleural cavity with synthetic substitute, percutaneous approach
0W193JB	Bypass right pleural cavity to left pleural cavity with synthetic substitute, percutaneous approach
0W193JG	Bypass right pleural cavity to peritoneal cavity with synthetic substitute, percutaneous approach
0W193JJ	Bypass right pleural cavity to pelvic cavity with synthetic substitute, percutaneous approach
0W193JW	Bypass right pleural cavity to upper vein with synthetic substitute, percutaneous approach
0W193JY	Bypass right pleural cavity to lower vein with synthetic substitute, percutaneous approach
0W194J4	Bypass right pleural cavity to cutaneous with synthetic substitute, percutaneous endoscopic approach
0W194J9	Bypass right pleural cavity to right pleural cavity with synthetic substitute, percutaneous endoscopic approach
0W194JB	Bypass right pleural cavity to left pleural cavity with synthetic substitute, percutaneous endoscopic approach
0W194JG	Bypass right pleural cavity to peritoneal cavity with synthetic substitute, percutaneous endoscopic approach
0W194JJ	Bypass right pleural cavity to pelvic cavity with synthetic substitute, percutaneous endoscopic approach
0W194JW	Bypass right pleural cavity to upper vein with synthetic substitute, percutaneous endoscopic approach
0W194JY	Bypass right pleural cavity to lower vein with synthetic substitute, percutaneous endoscopic approach

0BLB0DZ	Occlusion of left lower lobe bronchus with intraluminal device, open approach
0BLB0ZZ	Occlusion of left lower lobe bronchus, open approach
0BLB3CZ	Occlusion of left lower lobe bronchus with extraluminal device, percutaneous approach
0BLB3DZ	Occlusion of left lower lobe bronchus with intraluminal device, percutaneous approach
0BLB3ZZ	Occlusion of left lower lobe bronchus, percutaneous approach
0BLB4CZ	Occlusion of left lower lobe bronchus with extraluminal device, percutaneous endoscopic approach
0BLB4DZ	Occlusion of left lower lobe bronchus with intraluminal device, percutaneous endoscopic approach
0BLB4ZZ	Occlusion of left lower lobe bronchus, percutaneous endoscopic approach
0BLB7DZ	Occlusion of left lower lobe bronchus with intraluminal device, via natural or artificial opening
0BLB7ZZ	Occlusion of left lower lobe bronchus, via natural or artificial opening
0BLB8DZ	Occlusion of left lower lobe bronchus with intraluminal device, via natural or artificial opening endoscopic
0BLB8ZZ	Occlusion of left lower lobe bronchus, via natural or artificial opening endoscopic
0BM10ZZ	Reattachment of trachea, open approach
0BM20ZZ	Reattachment of carina, open approach
0BM30ZZ	Reattachment of right main bronchus, open approach
0W1B0J4	Bypass left pleural cavity to cutaneous with synthetic substitute, open approach
0W1B0J9	Bypass left pleural cavity to right pleural cavity with synthetic substitute, open approach
0W1B0JB	Bypass left pleural cavity to left pleural cavity with synthetic substitute, open approach
0W1B0JG	Bypass left pleural cavity to peritoneal cavity with synthetic substitute, open approach
0W1B0JJ	Bypass left pleural cavity to pelvic cavity with synthetic substitute, open approach
0W1B0JW	Bypass left pleural cavity to upper vein with synthetic substitute, open approach
0W1B0JY	Bypass left pleural cavity to lower vein with synthetic substitute, open approach
0W1B3J4	Bypass left pleural cavity to cutaneous with synthetic substitute, percutaneous approach
0W1B3J9	Bypass left pleural cavity to right pleural cavity with synthetic substitute, percutaneous approach
0W1B3JB	Bypass left pleural cavity to left pleural cavity with synthetic substitute, percutaneous approach
0W1B3JG	Bypass left pleural cavity to peritoneal cavity with synthetic substitute, percutaneous approach
0W1B3JJ	Bypass left pleural cavity to pelvic cavity with synthetic substitute, percutaneous approach
0W1B3JW	Bypass left pleural cavity to upper vein with synthetic substitute, percutaneous approach
0W1B3JY	Bypass left pleural cavity to lower vein with synthetic substitute, percutaneous approach
0W1B4J4	Bypass left pleural cavity to cutaneous with synthetic substitute, percutaneous endoscopic approach

0BM40ZZ	Reattachment of right upper lobe bronchus, open approach
0BM50ZZ	Reattachment of right middle lobe bronchus, open approach
0BM60ZZ	Reattachment of right lower lobe bronchus, open approach
0BM70ZZ	Reattachment of left main bronchus, open approach
0BM80ZZ	Reattachment of left upper lobe bronchus, open approach
0BM90ZZ	Reattachment of lingula bronchus, open approach
0BMB0ZZ	Reattachment of left lower lobe bronchus, open approach
0BMC0ZZ	Reattachment of right upper lung lobe, open approach
0BMD0ZZ	Reattachment of right middle lung lobe, open approach
0BMF0ZZ	Reattachment of right lower lung lobe, open approach
0BMG0ZZ	Reattachment of left upper lung lobe, open approach
0BMH0ZZ	Reattachment of lung lingula, open approach
0BMJ0ZZ	Reattachment of left lower lung lobe, open approach
0BMK0ZZ	Reattachment of right lung, open approach
0BML0ZZ	Reattachment of left lung, open approach
0BMR0ZZ	Reattachment of right diaphragm, open approach
0BMS0ZZ	Reattachment of left diaphragm, open approach
0BMT0ZZ	Reattachment of diaphragm, open approach
0W1B4J9	Bypass left pleural cavity to right pleural cavity with synthetic substitute, percutaneous endoscopic approach
0W1B4JB	Bypass left pleural cavity to left pleural cavity with synthetic substitute, percutaneous endoscopic approach
0W1B4JG	Bypass left pleural cavity to peritoneal cavity with synthetic substitute, percutaneous endoscopic approach
0W1B4JJ	Bypass left pleural cavity to pelvic cavity with synthetic substitute, percutaneous endoscopic approach
0W1B4JW	Bypass left pleural cavity to upper vein with synthetic substitute, percutaneous endoscopic approach
0W1B4JY	Bypass left pleural cavity to lower vein with synthetic substitute, percutaneous endoscopic approach
0W390ZZ	Control bleeding in right pleural cavity, open approach
0W3B0ZZ	Control bleeding in left pleural cavity, open approach
0W3D0ZZ	Control bleeding in pericardial cavity, open approach
0W3Q0ZZ	Control bleeding in respiratory tract, open approach
0W9800Z	Drainage of chest wall with drainage device, open approach
0W980ZX	Drainage of chest wall, open approach, diagnostic
0W980ZZ	Drainage of chest wall, open approach
0W9830Z	Drainage of chest wall with drainage device, percutaneous approach
0W983ZX	Drainage of chest wall, percutaneous approach, diagnostic
0W983ZZ	Drainage of chest wall, percutaneous approach
0W9840Z	Drainage of chest wall with drainage device, percutaneous endoscopic approach
0W984ZX	Drainage of chest wall, percutaneous endoscopic approach, diagnostic

0BN30ZZ	Release right main bronchus, open approach
0BN33ZZ	Release right main bronchus, percutaneous approach
0BN34ZZ	Release right main bronchus, percutaneous endoscopic approach
0BN37ZZ	Release right main bronchus, via natural or artificial opening
0BN38ZZ	Release right main bronchus, via natural or artificial opening endoscopic
0BN40ZZ	Release right upper lobe bronchus, open approach
0BN43ZZ	Release right upper lobe bronchus, percutaneous approach
0BN44ZZ	Release right upper lobe bronchus, percutaneous endoscopic approach
0BN47ZZ	Release right upper lobe bronchus, via natural or artificial opening
0BN48ZZ	Release right upper lobe bronchus, via natural or artificial opening endoscopic
0BN50ZZ	Release right middle lobe bronchus, open approach
0BN53ZZ	Release right middle lobe bronchus, percutaneous approach
0BN54ZZ	Release right middle lobe bronchus, percutaneous endoscopic approach
0BN57ZZ	Release right middle lobe bronchus, via natural or artificial opening
0BN58ZZ	Release right middle lobe bronchus, via natural or artificial opening endoscopic
0BN60ZZ	Release right lower lobe bronchus, open approach
0BN63ZZ	Release right lower lobe bronchus, percutaneous approach
0BN64ZZ	Release right lower lobe bronchus, percutaneous endoscopic approach
0BN67ZZ	Release right lower lobe bronchus, via natural or artificial opening
0BN68ZZ	Release right lower lobe bronchus, via natural or artificial opening endoscopic

0W984ZZ	Drainage of chest wall, percutaneous endoscopic approach
0W9900Z	Drainage of right pleural cavity with drainage device, open approach
0W990ZX	Drainage of right pleural cavity, open approach, diagnostic
0W990ZZ	Drainage of right pleural cavity, open approach
0W993ZX	Drainage of right pleural cavity, percutaneous approach, diagnostic
0W994ZX	Drainage of right pleural cavity, percutaneous endoscopic approach, diagnostic
0W994ZZ	Drainage of right pleural cavity, percutaneous endoscopic approach
0W9B00Z	Drainage of left pleural cavity with drainage device, open approach
0W9B0ZX	Drainage of left pleural cavity, open approach, diagnostic
0W9B0ZZ	Drainage of left pleural cavity, open approach
0W9B3ZX	Drainage of left pleural cavity, percutaneous approach, diagnostic
0W9B4ZX	Drainage of left pleural cavity, percutaneous endoscopic approach, diagnostic
0W9B4ZZ	Drainage of left pleural cavity, percutaneous endoscopic approach
0W9C00Z	Drainage of mediastinum with drainage device, open approach
0W9C0ZX	Drainage of mediastinum, open approach, diagnostic
0W9C0ZZ	Drainage of mediastinum, open approach
0W9C30Z	Drainage of mediastinum with drainage device, percutaneous approach
0W9C3ZX	Drainage of mediastinum, percutaneous approach, diagnostic
0W9C3ZZ	Drainage of mediastinum, percutaneous approach
0W9C40Z	Drainage of mediastinum with drainage device, percutaneous endoscopic approach

0BN70ZZ	Release left main bronchus, open approach
0BN73ZZ	Release left main bronchus, percutaneous approach
0BN74ZZ	Release left main bronchus, percutaneous endoscopic approach
0BN77ZZ	Release left main bronchus, via natural or artificial opening
0BN78ZZ	Release left main bronchus, via natural or artificial opening endoscopic
0BN80ZZ	Release left upper lobe bronchus, open approach
0BN83ZZ	Release left upper lobe bronchus, percutaneous approach
0BN84ZZ	Release left upper lobe bronchus, percutaneous endoscopic approach
0BN87ZZ	Release left upper lobe bronchus, via natural or artificial opening
0BN88ZZ	Release left upper lobe bronchus, via natural or artificial opening endoscopic
0BN90ZZ	Release lingula bronchus, open approach
0BN93ZZ	Release lingula bronchus, percutaneous approach
0BN94ZZ	Release lingula bronchus, percutaneous endoscopic approach
0BN97ZZ	Release lingula bronchus, via natural or artificial opening
0BN98ZZ	Release lingula bronchus, via natural or artificial opening endoscopic
0BNB0ZZ	Release left lower lobe bronchus, open approach
0BNB3ZZ	Release left lower lobe bronchus, percutaneous approach
0BNB4ZZ	Release left lower lobe bronchus, percutaneous endoscopic approach
0BNB7ZZ	Release left lower lobe bronchus, via natural or artificial opening
0BNB8ZZ	Release left lower lobe bronchus, via natural or artificial opening endoscopic
0BNC0ZZ	Release right upper lung lobe, open approach
0W9C4ZX	Drainage of mediastinum, percutaneous endoscopic approach, diagnostic
0W9C4ZZ	Drainage of mediastinum, percutaneous endoscopic approach
0WB80ZX	Excision of chest wall, open approach, diagnostic
0WB80ZZ	Excision of chest wall, open approach
0WB83ZX	Excision of chest wall, percutaneous approach, diagnostic
0WB83ZZ	Excision of chest wall, percutaneous approach
0WB84ZX	Excision of chest wall, percutaneous endoscopic approach, diagnostic
0WB84ZZ	Excision of chest wall, percutaneous endoscopic approach
0WB8XZX	Excision of chest wall, external approach, diagnostic
0WB8XZZ	Excision of chest wall, external approach
0WBC0ZX	Excision of mediastinum, open approach, diagnostic
0WBC0ZZ	Excision of mediastinum, open approach
0WBC3ZX	Excision of mediastinum, percutaneous approach, diagnostic
0WBC3ZZ	Excision of mediastinum, percutaneous approach
0WBC4ZX	Excision of mediastinum, percutaneous endoscopic approach, diagnostic
0WBC4ZZ	Excision of mediastinum, percutaneous endoscopic approach
0WC90ZZ	Extirpation of matter from right pleural cavity, open approach
0WC93ZZ	Extirpation of matter from right pleural cavity, percutaneous approach
0WC94ZZ	Extirpation of matter from right pleural cavity, percutaneous endoscopic approach
0WCB0ZZ	Extirpation of matter from left pleural cavity, open approach
0WCB3ZZ	Extirpation of matter from left pleural cavity, percutaneous approach

0BNC3ZZ	Release right upper lung lobe, percutaneous approach
0BNC4ZZ	Release right upper lung lobe, percutaneous endoscopic approach
0BNC7ZZ	Release right upper lung lobe, via natural or artificial opening
0BNC8ZZ	Release right upper lung lobe, via natural or artificial opening endoscopic
0BND0ZZ	Release right middle lung lobe, open approach
0BND3ZZ	Release right middle lung lobe, percutaneous approach
0BND4ZZ	Release right middle lung lobe, percutaneous endoscopic approach
0BND7ZZ	Release right middle lung lobe, via natural or artificial opening
0BND8ZZ	Release right middle lung lobe, via natural or artificial opening endoscopic
0BNF0ZZ	Release right lower lung lobe, open approach
0BNF3ZZ	Release right lower lung lobe, percutaneous approach
0BNF4ZZ	Release right lower lung lobe, percutaneous endoscopic approach
0BNF7ZZ	Release right lower lung lobe, via natural or artificial opening
0BNF8ZZ	Release right lower lung lobe, via natural or artificial opening endoscopic
0BNG0ZZ	Release left upper lung lobe, open approach
0BNG3ZZ	Release left upper lung lobe, percutaneous approach
0BNG4ZZ	Release left upper lung lobe, percutaneous endoscopic approach
0BNG7ZZ	Release left upper lung lobe, via natural or artificial opening
0BNG8ZZ	Release left upper lung lobe, via natural or artificial opening endoscopic
0BNH0ZZ	Release lung lingula, open approach

0WCB4ZZ	Extirpation of matter from left pleural cavity, percutaneous endoscopic approach
0WCC0ZZ	Extirpation of matter from mediastinum, open approach
0WCC3ZZ	Extirpation of matter from mediastinum, percutaneous approach
0WCC4ZZ	Extirpation of matter from mediastinum, percutaneous endoscopic approach
0WCQ0ZZ	Extirpation of matter from respiratory tract, open approach
0WCQ3ZZ	Extirpation of matter from respiratory tract, percutaneous approach
0WCQ4ZZ	Extirpation of matter from respiratory tract, percutaneous endoscopic approach
0WCQ7ZZ	Extirpation of matter from respiratory tract, via natural or artificial opening
0WCQ8ZZ	Extirpation of matter from respiratory tract, via natural or artificial opening endoscopic
0WF90ZZ	Fragmentation in right pleural cavity, open approach
0WF93ZZ	Fragmentation in right pleural cavity, percutaneous approach
0WF94ZZ	Fragmentation in right pleural cavity, percutaneous endoscopic approach
0WFB0ZZ	Fragmentation in left pleural cavity, open approach
0WFB3ZZ	Fragmentation in left pleural cavity, percutaneous approach
0WFB4ZZ	Fragmentation in left pleural cavity, percutaneous endoscopic approach
0WFC0ZZ	Fragmentation in mediastinum, open approach
0WFC3ZZ	Fragmentation in mediastinum, percutaneous approach
0WFC4ZZ	Fragmentation in mediastinum, percutaneous endoscopic approach
0WFQ0ZZ	Fragmentation in respiratory tract, open approach
0WFQ3ZZ	Fragmentation in respiratory tract, percutaneous approach

0BNH3ZZ	Release lung lingula, percutaneous approach
0BNH4ZZ	Release lung lingula, percutaneous endoscopic approach
0BNH7ZZ	Release lung lingula, via natural or artificial opening
0BNH8ZZ	Release lung lingula, via natural or artificial opening endoscopic
0BNJ0ZZ	Release left lower lung lobe, open approach
0BNJ3ZZ	Release left lower lung lobe, percutaneous approach
0BNJ4ZZ	Release left lower lung lobe, percutaneous endoscopic approach
0BNJ7ZZ	Release left lower lung lobe, via natural or artificial opening
0BNJ8ZZ	Release left lower lung lobe, via natural or artificial opening endoscopic
0BNK0ZZ	Release right lung, open approach
0BNK3ZZ	Release right lung, percutaneous approach
0BNK4ZZ	Release right lung, percutaneous endoscopic approach
0BNK7ZZ	Release right lung, via natural or artificial opening
0BNK8ZZ	Release right lung, via natural or artificial opening endoscopic
0BNL0ZZ	Release left lung, open approach
0BNL3ZZ	Release left lung, percutaneous approach
0BNL4ZZ	Release left lung, percutaneous endoscopic approach
0BNL7ZZ	Release left lung, via natural or artificial opening
0BNL8ZZ	Release left lung, via natural or artificial opening endoscopic

0WFQ4ZZ	Fragmentation in respiratory tract, percutaneous endoscopic approach
0WFQ7ZZ	Fragmentation in respiratory tract, via natural or artificial opening
0WFQ8ZZ	Fragmentation in respiratory tract, via natural or artificial opening endoscopic
0WH803Z	Insertion of infusion device into chest wall, open approach
0WH80YZ	Insertion of other device into chest wall, open approach
0WH833Z	Insertion of infusion device into chest wall, percutaneous approach
0WH83YZ	Insertion of other device into chest wall, percutaneous approach
0WH843Z	Insertion of infusion device into chest wall, percutaneous endoscopic approach
0WH84YZ	Insertion of other device into chest wall, percutaneous endoscopic approach
0WH903Z	Insertion of infusion device into right pleural cavity, open approach
0WH90YZ	Insertion of other device into right pleural cavity, open approach
0WH933Z	Insertion of infusion device into right pleural cavity, percutaneous approach
0WH93YZ	Insertion of other device into right pleural cavity, percutaneous approach
0WH943Z	Insertion of infusion device into right pleural cavity, percutaneous endoscopic approach
0WH94YZ	Insertion of other device into right pleural cavity, percutaneous endoscopic approach
0WHB03Z	Insertion of infusion device into left pleural cavity, open approach
0WHB0YZ	Insertion of other device into left pleural cavity, open approach
0WHB33Z	Insertion of infusion device into left pleural cavity, percutaneous approach
0WHB3YZ	Insertion of other device into left pleural cavity, percutaneous approach

0BNM0ZZ	Release bilateral lungs, open approach
0BNM3ZZ	Release bilateral lungs, percutaneous approach
0BNM4ZZ	Release bilateral lungs, percutaneous endoscopic approach
0BNM7ZZ	Release bilateral lungs, via natural or artificial opening
0BNM8ZZ	Release bilateral lungs, via natural or artificial opening endoscopic
0BNN0ZZ	Release right pleura, open approach
0BNN3ZZ	Release right pleura, percutaneous approach
0BNN4ZZ	Release right pleura, percutaneous endoscopic approach
0BNP0ZZ	Release left pleura, open approach
0BNP3ZZ	Release left pleura, percutaneous approach
0BNP4ZZ	Release left pleura, percutaneous endoscopic approach
0BNR0ZZ	Release right diaphragm, open approach
0BNR3ZZ	Release right diaphragm, percutaneous approach
0BNR4ZZ	Release right diaphragm, percutaneous endoscopic approach
0BNS0ZZ	Release left diaphragm, open approach
0BNS3ZZ	Release left diaphragm, percutaneous approach
0BNS4ZZ	Release left diaphragm, percutaneous endoscopic approach
0BNT0ZZ	Release diaphragm, open approach
0WHB43Z	Insertion of infusion device into left pleural cavity, percutaneous endoscopic approach
0WHB4YZ	Insertion of other device into left pleural cavity, percutaneous endoscopic approach
0WHC03Z	Insertion of infusion device into mediastinum, open approach
0WHC0YZ	Insertion of other device into mediastinum, open approach
0WHC33Z	Insertion of infusion device into mediastinum, percutaneous approach
0WHC3YZ	Insertion of other device into mediastinum, percutaneous approach
0WHC43Z	Insertion of infusion device into mediastinum, percutaneous endoscopic approach
0WHC4YZ	Insertion of other device into mediastinum, percutaneous endoscopic approach
0WHQ03Z	Insertion of infusion device into respiratory tract, open approach
0WHQ0YZ	Insertion of other device into respiratory tract, open approach
0WHQ33Z	Insertion of infusion device into respiratory tract, percutaneous approach
0WHQ3YZ	Insertion of other device into respiratory tract, percutaneous approach
0WHQ43Z	Insertion of infusion device into respiratory tract, percutaneous endoscopic approach
0WHQ4YZ	Insertion of other device into respiratory tract, percutaneous endoscopic approach
0WJ80ZZ	Inspection of chest wall, open approach
0WJ83ZZ	Inspection of chest wall, percutaneous approach
0WJ84ZZ	Inspection of chest wall, percutaneous endoscopic approach
0WJ90ZZ	Inspection of right pleural cavity, open approach

0BNT3ZZ	Release diaphragm, percutaneous approach
0BNT4ZZ	Release diaphragm, percutaneous endoscopic approach
0BP000Z	Removal of drainage device from tracheobronchial tree, open approach
0BP001Z	Removal of radioactive element from tracheobronchial tree, open approach
0BP002Z	Removal of monitoring device from tracheobronchial tree, open approach
0BP00CZ	Removal of extraluminal device from tracheobronchial tree, open approach
0BP00DZ	Removal of intraluminal device from tracheobronchial tree, open approach
0BP00JZ	Removal of synthetic substitute from tracheobronchial tree, open approach
0BP00KZ	Removal of nonautologous tissue substitute from tracheobronchial tree, open approach
0BP00YZ	Removal of other device from tracheobronchial tree, open approach
0BP030Z	Removal of drainage device from tracheobronchial tree, percutaneous approach
0BP031Z	Removal of radioactive element from tracheobronchial tree, percutaneous approach
0BP032Z	Removal of monitoring device from tracheobronchial tree, percutaneous approach
0BP03CZ	Removal of extraluminal device from tracheobronchial tree, percutaneous approach
0BP03DZ	Removal of intraluminal device from tracheobronchial tree, percutaneous approach
0BP03JZ	Removal of synthetic substitute from tracheobronchial tree, percutaneous approach
0BP03KZ	Removal of nonautologous tissue substitute from tracheobronchial tree, percutaneous approach
0BP03YZ	Removal of other device from tracheobronchial tree, percutaneous approach
0WJ93ZZ	Inspection of right pleural cavity, percutaneous approach
0WJ94ZZ	Inspection of right pleural cavity, percutaneous endoscopic approach
0WJB0ZZ	Inspection of left pleural cavity, open approach
0WJB3ZZ	Inspection of left pleural cavity, percutaneous approach
0WJB4ZZ	Inspection of left pleural cavity, percutaneous endoscopic approach
0WJC0ZZ	Inspection of mediastinum, open approach
0WJC3ZZ	Inspection of mediastinum, percutaneous approach
0WJC4ZZ	Inspection of mediastinum, percutaneous endoscopic approach
0WJD4ZZ	Inspection of pericardial cavity, percutaneous endoscopic approach
0WJQ0ZZ	Inspection of respiratory tract, open approach
0WJQ3ZZ	Inspection of respiratory tract, percutaneous approach
0WJQ4ZZ	Inspection of respiratory tract, percutaneous endoscopic approach
0WJQ7ZZ	Inspection of respiratory tract, via natural or artificial opening approach
0WJQ8ZZ	Inspection of respiratory tract, via natural or artificial opening endoscopic approach
0WM80ZZ	Reattachment of chest wall, open approach
0WP800Z	Removal of drainage device from chest wall, open approach
0WP801Z	Removal of radioactive element from chest wall, open approach
0WP803Z	Removal of infusion device from chest wall, open approach

0BP040Z	Removal of drainage device from tracheobronchial tree, percutaneous endoscopic approach
0BP041Z	Removal of radioactive element from tracheobronchial tree, percutaneous endoscopic approach
0BP042Z	Removal of monitoring device from tracheobronchial tree, percutaneous endoscopic approach
0BP04CZ	Removal of extraluminal device from tracheobronchial tree, percutaneous endoscopic approach
0BP04DZ	Removal of intraluminal device from tracheobronchial tree, percutaneous endoscopic approach
0BP04JZ	Removal of synthetic substitute from tracheobronchial tree, percutaneous endoscopic approach
0BP04KZ	Removal of nonautologous tissue substitute from tracheobronchial tree, percutaneous endoscopic approach
0BP04YZ	Removal of other device from tracheobronchial tree, percutaneous endoscopic approach
0BPK00Z	Removal of drainage device from right lung, open approach
0BPK01Z	Removal of radioactive element from right lung, open approach
0BPK02Z	Removal of monitoring device from right lung, open approach
0BPK03Z	Removal of infusion device from right lung, open approach
0BPK0YZ	Removal of other device from right lung, open approach
0BPK30Z	Removal of drainage device from right lung, percutaneous approach
0BPK31Z	Removal of radioactive element from right lung, percutaneous approach
0WP807Z	Removal of autologous tissue substitute from chest wall, open approach
0WP80JZ	Removal of synthetic substitute from chest wall, open approach
0WP80KZ	Removal of nonautologous tissue substitute from chest wall, open approach
0WP80YZ	Removal of other device from chest wall, open approach
0WP830Z	Removal of drainage device from chest wall, percutaneous approach
0WP831Z	Removal of radioactive element from chest wall, percutaneous approach
0WP833Z	Removal of infusion device from chest wall, percutaneous approach
0WP837Z	Removal of autologous tissue substitute from chest wall, percutaneous approach
0WP83JZ	Removal of synthetic substitute from chest wall, percutaneous approach
0WP83KZ	Removal of nonautologous tissue substitute from chest wall, percutaneous approach
0WP83YZ	Removal of other device from chest wall, percutaneous approach
0WP840Z	Removal of drainage device from chest wall, percutaneous endoscopic approach
0WP841Z	Removal of radioactive element from chest wall, percutaneous endoscopic approach
0WP843Z	Removal of infusion device from chest wall, percutaneous endoscopic approach
0WP847Z	Removal of autologous tissue substitute from chest wall, percutaneous endoscopic approach

0BPK32Z	Removal of monitoring device from right lung, percutaneous approach
0BPK33Z	Removal of infusion device from right lung, percutaneous approach
0BPK3YZ	Removal of other device from right lung, percutaneous approach
0BPK40Z	Removal of drainage device from right lung, percutaneous endoscopic approach
0BPK41Z	Removal of radioactive element from right lung, percutaneous endoscopic approach
0BPK42Z	Removal of monitoring device from right lung, percutaneous endoscopic approach
0BPK43Z	Removal of infusion device from right lung, percutaneous endoscopic approach
0BPK4YZ	Removal of other device from right lung, percutaneous endoscopic approach
0BPK70Z	Removal of drainage device from right lung, via natural or artificial opening
0BPK71Z	Removal of radioactive element from right lung, via natural or artificial opening
0BPK72Z	Removal of monitoring device from right lung, via natural or artificial opening
0BPK73Z	Removal of infusion device from right lung, via natural or artificial opening
0BPK7YZ	Removal of other device from right lung, via natural or artificial opening
0BPK80Z	Removal of drainage device from right lung, via natural or artificial opening endoscopic
0BPK81Z	Removal of radioactive element from right lung, via natural or artificial opening endoscopic
0WP84JZ	Removal of synthetic substitute from chest wall, percutaneous endoscopic approach
0WP84KZ	Removal of nonautologous tissue substitute from chest wall, percutaneous endoscopic approach
0WP84YZ	Removal of other device from chest wall, percutaneous endoscopic approach
0WP900Z	Removal of drainage device from right pleural cavity, open approach
0WP901Z	Removal of radioactive element from right pleural cavity, open approach
0WP903Z	Removal of infusion device from right pleural cavity, open approach
0WP90JZ	Removal of synthetic substitute from right pleural cavity, open approach
0WP90YZ	Removal of other device from right pleural cavity, open approach
0WP930Z	Removal of drainage device from right pleural cavity, percutaneous approach
0WP931Z	Removal of radioactive element from right pleural cavity, percutaneous approach
0WP933Z	Removal of infusion device from right pleural cavity, percutaneous approach
0WP93JZ	Removal of synthetic substitute from right pleural cavity, percutaneous approach
0WP93YZ	Removal of other device from right pleural cavity, percutaneous approach
0WP940Z	Removal of drainage device from right pleural cavity, percutaneous endoscopic approach
0WP941Z	Removal of radioactive element from right pleural cavity, percutaneous endoscopic approach

0BPK82Z	Removal of monitoring device from right lung, via natural or artificial opening endoscopic
0BPK83Z	Removal of infusion device from right lung, via natural or artificial opening endoscopic
0BPK8YZ	Removal of other device from right lung, via natural or artificial opening endoscopic
0BPL00Z	Removal of drainage device from left lung, open approach
0BPL01Z	Removal of radioactive element from left lung, open approach
0BPL02Z	Removal of monitoring device from left lung, open approach
0BPL03Z	Removal of infusion device from left lung, open approach
0BPL0YZ	Removal of other device from left lung, open approach
0BPL30Z	Removal of drainage device from left lung, percutaneous approach
0BPL31Z	Removal of radioactive element from left lung, percutaneous approach
0BPL32Z	Removal of monitoring device from left lung, percutaneous approach
0BPL33Z	Removal of infusion device from left lung, percutaneous approach
0BPL3YZ	Removal of other device from left lung, percutaneous approach
0BPL40Z	Removal of drainage device from left lung, percutaneous endoscopic approach
0BPL41Z	Removal of radioactive element from left lung, percutaneous endoscopic approach
0BPL42Z	Removal of monitoring device from left lung, percutaneous endoscopic approach
0BPL43Z	Removal of infusion device from left lung, percutaneous endoscopic approach

0WP943Z	Removal of infusion device from right pleural cavity, percutaneous endoscopic approach
0WP94JZ	Removal of synthetic substitute from right pleural cavity, percutaneous endoscopic approach
0WP94YZ	Removal of other device from right pleural cavity, percutaneous endoscopic approach
0WPB00Z	Removal of drainage device from left pleural cavity, open approach
0WPB01Z	Removal of radioactive element from left pleural cavity, open approach
0WPB03Z	Removal of infusion device from left pleural cavity, open approach
0WPB0JZ	Removal of synthetic substitute from left pleural cavity, open approach
0WPB0YZ	Removal of other device from left pleural cavity, open approach
0WPB30Z	Removal of drainage device from left pleural cavity, percutaneous approach
0WPB31Z	Removal of radioactive element from left pleural cavity, percutaneous approach
0WPB33Z	Removal of infusion device from left pleural cavity, percutaneous approach
0WPB3JZ	Removal of synthetic substitute from left pleural cavity, percutaneous approach
0WPB3YZ	Removal of other device from left pleural cavity, percutaneous approach
0WPB40Z	Removal of drainage device from left pleural cavity, percutaneous endoscopic approach
0WPB41Z	Removal of radioactive element from left pleural cavity, percutaneous endoscopic approach
0WPB43Z	Removal of infusion device from left pleural cavity, percutaneous endoscopic approach
0WPB4JZ	Removal of synthetic substitute from left pleural cavity, percutaneous endoscopic approach

0BPL4YZ	Removal of other device from left lung, percutaneous endoscopic approach
0BPL70Z	Removal of drainage device from left lung, via natural or artificial opening
0BPL71Z	Removal of radioactive element from left lung, via natural or artificial opening
0BPL72Z	Removal of monitoring device from left lung, via natural or artificial opening
0BPL73Z	Removal of infusion device from left lung, via natural or artificial opening
0BPL7YZ	Removal of other device from left lung, via natural or artificial opening
0BPL80Z	Removal of drainage device from left lung, via natural or artificial opening endoscopic
0BPL81Z	Removal of radioactive element from left lung, via natural or artificial opening endoscopic
0BPL82Z	Removal of monitoring device from left lung, via natural or artificial opening endoscopic
0BPL83Z	Removal of infusion device from left lung, via natural or artificial opening endoscopic
0BPL8YZ	Removal of other device from left lung, via natural or artificial opening endoscopic
0BPQ00Z	Removal of drainage device from pleura, open approach
0BPQ01Z	Removal of radioactive element from pleura, open approach
0BPQ02Z	Removal of monitoring device from pleura, open approach
0BPQ0YZ	Removal of other device from pleura, open approach
0BPQ30Z	Removal of drainage device from pleura, percutaneous approach
0WPB4YZ	Removal of other device from left pleural cavity, percutaneous endoscopic approach
0WPC00Z	Removal of drainage device from mediastinum, open approach
0WPC01Z	Removal of radioactive element from mediastinum, open approach
0WPC03Z	Removal of infusion device from mediastinum, open approach
0WPC07Z	Removal of autologous tissue substitute from mediastinum, open approach
0WPC0JZ	Removal of synthetic substitute from mediastinum, open approach
0WPC0KZ	Removal of nonautologous tissue substitute from mediastinum, open approach
0WPC0YZ	Removal of other device from mediastinum, open approach
0WPC30Z	Removal of drainage device from mediastinum, percutaneous approach
0WPC31Z	Removal of radioactive element from mediastinum, percutaneous approach
0WPC33Z	Removal of infusion device from mediastinum, percutaneous approach
0WPC37Z	Removal of autologous tissue substitute from mediastinum, percutaneous approach
0WPC3JZ	Removal of synthetic substitute from mediastinum, percutaneous approach
0WPC3KZ	Removal of nonautologous tissue substitute from mediastinum, percutaneous approach
0WPC3YZ	Removal of other device from mediastinum, percutaneous approach
0WPC40Z	Removal of drainage device from mediastinum, percutaneous endoscopic approach

0BPQ31Z	Removal of radioactive element from pleura, percutaneous approach
0BPQ32Z	Removal of monitoring device from pleura, percutaneous approach
0BPQ3YZ	Removal of other device from pleura, percutaneous approach
0BPQ40Z	Removal of drainage device from pleura, percutaneous endoscopic approach
0BPQ41Z	Removal of radioactive element from pleura, percutaneous endoscopic approach
0BPQ42Z	Removal of monitoring device from pleura, percutaneous endoscopic approach
0BPQ4YZ	Removal of other device from pleura, percutaneous endoscopic approach
0BPQ70Z	Removal of drainage device from pleura, via natural or artificial opening
0BPQ71Z	Removal of radioactive element from pleura, via natural or artificial opening
0BPQ72Z	Removal of monitoring device from pleura, via natural or artificial opening
0BPQ7YZ	Removal of other device from pleura, via natural or artificial opening
0BPQ80Z	Removal of drainage device from pleura, via natural or artificial opening endoscopic
0BPQ81Z	Removal of radioactive element from pleura, via natural or artificial opening endoscopic
0BPQ82Z	Removal of monitoring device from pleura, via natural or artificial opening endoscopic
0BPQ8YZ	Removal of other device from pleura, via natural or artificial opening endoscopic
0BPT00Z	Removal of drainage device from diaphragm, open approach
0WPC41Z	Removal of radioactive element from mediastinum, percutaneous endoscopic approach
0WPC43Z	Removal of infusion device from mediastinum, percutaneous endoscopic approach
0WPC47Z	Removal of autologous tissue substitute from mediastinum, percutaneous endoscopic approach
0WPC4JZ	Removal of synthetic substitute from mediastinum, percutaneous endoscopic approach
0WPC4KZ	Removal of nonautologous tissue substitute from mediastinum, percutaneous endoscopic approach
0WPC4YZ	Removal of other device from mediastinum, percutaneous endoscopic approach
0WPQ01Z	Removal of radioactive element from respiratory tract, open approach
0WPQ03Z	Removal of infusion device from respiratory tract, open approach
0WPQ0YZ	Removal of other device from respiratory tract, open approach
0WPQ31Z	Removal of radioactive element from respiratory tract, percutaneous approach
0WPQ33Z	Removal of infusion device from respiratory tract, percutaneous approach
0WPQ3YZ	Removal of other device from respiratory tract, percutaneous approach
0WPQ41Z	Removal of radioactive element from respiratory tract, percutaneous endoscopic approach
0WPQ43Z	Removal of infusion device from respiratory tract, percutaneous endoscopic approach
0WPQ4YZ	Removal of other device from respiratory tract, percutaneous endoscopic approach
0WPQ71Z	Removal of radioactive element from respiratory tract, via natural or artificial opening

0BPT02Z	Removal of monitoring device from diaphragm, open approach
0BPT07Z	Removal of autologous tissue substitute from diaphragm, open approach
0BPT0JZ	Removal of synthetic substitute from diaphragm, open approach
0BPT0KZ	Removal of nonautologous tissue substitute from diaphragm, open approach
0BPT0MZ	Removal of diaphragmatic pacemaker lead from diaphragm, open approach
0BPT0YZ	Removal of other device from diaphragm, open approach
0BPT30Z	Removal of drainage device from diaphragm, percutaneous approach
0BPT32Z	Removal of monitoring device from diaphragm, percutaneous approach
0BPT37Z	Removal of autologous tissue substitute from diaphragm, percutaneous approach
0BPT3JZ	Removal of synthetic substitute from diaphragm, percutaneous approach
0BPT3KZ	Removal of nonautologous tissue substitute from diaphragm, percutaneous approach
0BPT3MZ	Removal of diaphragmatic pacemaker lead from diaphragm, percutaneous approach
0BPT3YZ	Removal of other device from diaphragm, percutaneous approach
0BPT40Z	Removal of drainage device from diaphragm, percutaneous endoscopic approach
0BPT42Z	Removal of monitoring device from diaphragm, percutaneous endoscopic approach
0BPT47Z	Removal of autologous tissue substitute from diaphragm, percutaneous endoscopic approach
0BPT4JZ	Removal of synthetic substitute from diaphragm, percutaneous endoscopic approach
0WPQ73Z	Removal of infusion device from respiratory tract, via natural or artificial opening
0WPQ7YZ	Removal of other device from respiratory tract, via natural or artificial opening
0WPQ81Z	Removal of radioactive element from respiratory tract, via natural or artificial opening endoscopic
0WQ6XZ2	Repair neck, stoma, external approach
0WQ80ZZ	Repair chest wall, open approach
0WQ83ZZ	Repair chest wall, percutaneous approach
0WQ84ZZ	Repair chest wall, percutaneous endoscopic approach
0WQ8XZZ	Repair chest wall, external approach
0WQC0ZZ	Repair mediastinum, open approach
0WQC3ZZ	Repair mediastinum, percutaneous approach
0WQC4ZZ	Repair mediastinum, percutaneous endoscopic approach
0WU807Z	Supplement chest wall with autologous tissue substitute, open approach
0WU80JZ	Supplement chest wall with synthetic substitute, open approach
0WU80KZ	Supplement chest wall with nonautologous tissue substitute, open approach
0WU847Z	Supplement chest wall with autologous tissue substitute, percutaneous endoscopic approach
0WU84JZ	Supplement chest wall with synthetic substitute, percutaneous endoscopic approach
0WU84KZ	Supplement chest wall with nonautologous tissue substitute, percutaneous endoscopic approach

0BPT4KZ	Removal of nonautologous tissue substitute from diaphragm, percutaneous endoscopic approach
0BPT4MZ	Removal of diaphragmatic pacemaker lead from diaphragm, percutaneous endoscopic approach
0BPT4YZ	Removal of other device from diaphragm, percutaneous endoscopic approach
0BPT70Z	Removal of drainage device from diaphragm, via natural or artificial opening
0BPT72Z	Removal of monitoring device from diaphragm, via natural or artificial opening
0BPT77Z	Removal of autologous tissue substitute from diaphragm, via natural or artificial opening
0BPT7JZ	Removal of synthetic substitute from diaphragm, via natural or artificial opening
0BPT7KZ	Removal of nonautologous tissue substitute from diaphragm, via natural or artificial opening
0BPT7MZ	Removal of diaphragmatic pacemaker lead from diaphragm, via natural or artificial opening
0BPT7YZ	Removal of other device from diaphragm, via natural or artificial opening
0BPT80Z	Removal of drainage device from diaphragm, via natural or artificial opening endoscopic
0BPT82Z	Removal of monitoring device from diaphragm, via natural or artificial opening endoscopic
0BPT87Z	Removal of autologous tissue substitute from diaphragm, via natural or artificial opening endoscopic
0BPT8JZ	Removal of synthetic substitute from diaphragm, via natural or artificial opening endoscopic
0BPT8KZ	Removal of nonautologous tissue substitute from diaphragm, via natural or artificial opening endoscopic
0WUC07Z	Supplement mediastinum with autologous tissue substitute, open approach
0WUC0JZ	Supplement mediastinum with synthetic substitute, open approach
0WUC0KZ	Supplement mediastinum with nonautologous tissue substitute, open approach
0WUC47Z	Supplement mediastinum with autologous tissue substitute, percutaneous endoscopic approach
0WUC4JZ	Supplement mediastinum with synthetic substitute, percutaneous endoscopic approach
0WUC4KZ	Supplement mediastinum with nonautologous tissue substitute, percutaneous endoscopic approach
0WW800Z	Revision of drainage device in chest wall, open approach
0WW801Z	Revision of radioactive element in chest wall, open approach
0WW803Z	Revision of infusion device in chest wall, open approach
0WW807Z	Revision of autologous tissue substitute in chest wall, open approach
0WW80JZ	Revision of synthetic substitute in chest wall, open approach
0WW80KZ	Revision of nonautologous tissue substitute in chest wall, open approach
0WW80YZ	Revision of other device in chest wall, open approach
0WW830Z	Revision of drainage device in chest wall, percutaneous approach
0WW831Z	Revision of radioactive element in chest wall, percutaneous approach

0BPT8MZ	Removal of diaphragmatic pacemaker lead from diaphragm, via natural or artificial opening endoscopic
0BPT8YZ	Removal of other device from diaphragm, via natural or artificial opening endoscopic
0BQ10ZZ	Repair trachea, open approach
0BQ13ZZ	Repair trachea, percutaneous approach
0BQ14ZZ	Repair trachea, percutaneous endoscopic approach
0BQ17ZZ	Repair trachea, via natural or artificial opening
0BQ18ZZ	Repair trachea, via natural or artificial opening endoscopic
0BQ20ZZ	Repair carina, open approach
0BQ23ZZ	Repair carina, percutaneous approach
0BQ24ZZ	Repair carina, percutaneous endoscopic approach
0BQ27ZZ	Repair carina, via natural or artificial opening
0BQ28ZZ	Repair carina, via natural or artificial opening endoscopic
0BQ30ZZ	Repair right main bronchus, open approach
0BQ33ZZ	Repair right main bronchus, percutaneous approach
0BQ34ZZ	Repair right main bronchus, percutaneous endoscopic approach
0BQ37ZZ	Repair right main bronchus, via natural or artificial opening
0BQ38ZZ	Repair right main bronchus, via natural or artificial opening endoscopic
0BQ40ZZ	Repair right upper lobe bronchus, open approach
0WW833Z	Revision of infusion device in chest wall, percutaneous approach
0WW837Z	Revision of autologous tissue substitute in chest wall, percutaneous approach
0WW83JZ	Revision of synthetic substitute in chest wall, percutaneous approach
0WW83KZ	Revision of nonautologous tissue substitute in chest wall, percutaneous approach
0WW83YZ	Revision of other device in chest wall, percutaneous approach
0WW840Z	Revision of drainage device in chest wall, percutaneous endoscopic approach
0WW841Z	Revision of radioactive element in chest wall, percutaneous endoscopic approach
0WW843Z	Revision of infusion device in chest wall, percutaneous endoscopic approach
0WW847Z	Revision of autologous tissue substitute in chest wall, percutaneous endoscopic approach
0WW84JZ	Revision of synthetic substitute in chest wall, percutaneous endoscopic approach
0WW84KZ	Revision of nonautologous tissue substitute in chest wall, percutaneous endoscopic approach
0WW84YZ	Revision of other device in chest wall, percutaneous endoscopic approach
0WW900Z	Revision of drainage device in right pleural cavity, open approach
0WW901Z	Revision of radioactive element in right pleural cavity, open approach
0WW903Z	Revision of infusion device in right pleural cavity, open approach
0WW90JZ	Revision of synthetic substitute in right pleural cavity, open approach
0WW90YZ	Revision of other device in right pleural cavity, open approach
0WW930Z	Revision of drainage device in right pleural cavity, percutaneous approach

0BQ43ZZ	Repair right upper lobe bronchus, percutaneous approach
0BQ44ZZ	Repair right upper lobe bronchus, percutaneous endoscopic approach
0BQ47ZZ	Repair right upper lobe bronchus, via natural or artificial opening
0BQ48ZZ	Repair right upper lobe bronchus, via natural or artificial opening endoscopic
0BQ50ZZ	Repair right middle lobe bronchus, open approach
0BQ53ZZ	Repair right middle lobe bronchus, percutaneous approach
0BQ54ZZ	Repair right middle lobe bronchus, percutaneous endoscopic approach
0BQ57ZZ	Repair right middle lobe bronchus, via natural or artificial opening
0BQ58ZZ	Repair right middle lobe bronchus, via natural or artificial opening endoscopic
0BQ60ZZ	Repair right lower lobe bronchus, open approach
0BQ63ZZ	Repair right lower lobe bronchus, percutaneous approach
0BQ64ZZ	Repair right lower lobe bronchus, percutaneous endoscopic approach
0BQ67ZZ	Repair right lower lobe bronchus, via natural or artificial opening
0BQ68ZZ	Repair right lower lobe bronchus, via natural or artificial opening endoscopic
0BQ70ZZ	Repair left main bronchus, open approach
0BQ73ZZ	Repair left main bronchus, percutaneous approach
0BQ74ZZ	Repair left main bronchus, percutaneous endoscopic approach
0BQ77ZZ	Repair left main bronchus, via natural or artificial opening
0BQ78ZZ	Repair left main bronchus, via natural or artificial opening endoscopic
0WW931Z	Revision of radioactive element in right pleural cavity, percutaneous approach
0WW933Z	Revision of infusion device in right pleural cavity, percutaneous approach
0WW93JZ	Revision of synthetic substitute in right pleural cavity, percutaneous approach
0WW93YZ	Revision of other device in right pleural cavity, percutaneous approach
0WW940Z	Revision of drainage device in right pleural cavity, percutaneous endoscopic approach
0WW941Z	Revision of radioactive element in right pleural cavity, percutaneous endoscopic approach
0WW943Z	Revision of infusion device in right pleural cavity, percutaneous endoscopic approach
0WW94JZ	Revision of synthetic substitute in right pleural cavity, percutaneous endoscopic approach
0WW94YZ	Revision of other device in right pleural cavity, percutaneous endoscopic approach
0WWB00Z	Revision of drainage device in left pleural cavity, open approach
0WWB01Z	Revision of radioactive element in left pleural cavity, open approach
0WWB03Z	Revision of infusion device in left pleural cavity, open approach
0WWB0JZ	Revision of synthetic substitute in left pleural cavity, open approach
0WWB0YZ	Revision of other device in left pleural cavity, open approach
0WWB30Z	Revision of drainage device in left pleural cavity, percutaneous approach
0WWB31Z	Revision of radioactive element in left pleural cavity, percutaneous approach
0WWB33Z	Revision of infusion device in left pleural cavity, percutaneous approach
0WWB3JZ	Revision of synthetic substitute in left pleural cavity, percutaneous approach
0WWB3YZ	Revision of other device in left pleural cavity, percutaneous approach

0BQ80ZZ	Repair left upper lobe bronchus, open approach
0BQ83ZZ	Repair left upper lobe bronchus, percutaneous approach
0BQ84ZZ	Repair left upper lobe bronchus, percutaneous endoscopic approach
0BQ87ZZ	Repair left upper lobe bronchus, via natural or artificial opening
0BQ88ZZ	Repair left upper lobe bronchus, via natural or artificial opening endoscopic
0BQ90ZZ	Repair lingula bronchus, open approach
0BQ93ZZ	Repair lingula bronchus, percutaneous approach
0BQ94ZZ	Repair lingula bronchus, percutaneous endoscopic approach
0BQ97ZZ	Repair lingula bronchus, via natural or artificial opening
0BQ98ZZ	Repair lingula bronchus, via natural or artificial opening endoscopic
0BQB0ZZ	Repair left lower lobe bronchus, open approach
0BQB3ZZ	Repair left lower lobe bronchus, percutaneous approach
0BQB4ZZ	Repair left lower lobe bronchus, percutaneous endoscopic approach
0BQB7ZZ	Repair left lower lobe bronchus, via natural or artificial opening
0BQB8ZZ	Repair left lower lobe bronchus, via natural or artificial opening endoscopic
0BQC0ZZ	Repair right upper lung lobe, open approach
0BQC3ZZ	Repair right upper lung lobe, percutaneous approach
0BQC4ZZ	Repair right upper lung lobe, percutaneous endoscopic approach

0WWB40Z	Revision of drainage device in left pleural cavity, percutaneous endoscopic approach
0WWB41Z	Revision of radioactive element in left pleural cavity, percutaneous endoscopic approach
0WWB43Z	Revision of infusion device in left pleural cavity, percutaneous endoscopic approach
0WWB4JZ	Revision of synthetic substitute in left pleural cavity, percutaneous endoscopic approach
0WWB4YZ	Revision of other device in left pleural cavity, percutaneous endoscopic approach
0WWC00Z	Revision of drainage device in mediastinum, open approach
0WWC01Z	Revision of radioactive element in mediastinum, open approach
0WWC03Z	Revision of infusion device in mediastinum, open approach
0WWC07Z	Revision of autologous tissue substitute in mediastinum, open approach
0WWC0JZ	Revision of synthetic substitute in mediastinum, open approach
0WWC0KZ	Revision of nonautologous tissue substitute in mediastinum, open approach
0WWC0YZ	Revision of other device in mediastinum, open approach
0WWC30Z	Revision of drainage device in mediastinum, percutaneous approach
0WWC31Z	Revision of radioactive element in mediastinum, percutaneous approach
0WWC33Z	Revision of infusion device in mediastinum, percutaneous approach
0WWC37Z	Revision of autologous tissue substitute in mediastinum, percutaneous approach
0WWC3JZ	Revision of synthetic substitute in mediastinum, percutaneous approach
0WWC3KZ	Revision of nonautologous tissue substitute in mediastinum, percutaneous approach

0BQC7ZZ	Repair right upper lung lobe, via natural or artificial opening
0BQC8ZZ	Repair right upper lung lobe, via natural or artificial opening endoscopic
0BQD0ZZ	Repair right middle lung lobe, open approach
0BQD3ZZ	Repair right middle lung lobe, percutaneous approach
0BQD4ZZ	Repair right middle lung lobe, percutaneous endoscopic approach
0BQD7ZZ	Repair right middle lung lobe, via natural or artificial opening
0BQD8ZZ	Repair right middle lung lobe, via natural or artificial opening endoscopic
0BQF0ZZ	Repair right lower lung lobe, open approach
0BQF3ZZ	Repair right lower lung lobe, percutaneous approach
0BQF4ZZ	Repair right lower lung lobe, percutaneous endoscopic approach
0BQF7ZZ	Repair right lower lung lobe, via natural or artificial opening
0BQF8ZZ	Repair right lower lung lobe, via natural or artificial opening endoscopic
0BQG0ZZ	Repair left upper lung lobe, open approach
0BQG3ZZ	Repair left upper lung lobe, percutaneous approach
0BQG4ZZ	Repair left upper lung lobe, percutaneous endoscopic approach
0BQG7ZZ	Repair left upper lung lobe, via natural or artificial opening

0WWC3YZ	Revision of other device in mediastinum, percutaneous approach
0WWC40Z	Revision of drainage device in mediastinum, percutaneous endoscopic approach
0WWC41Z	Revision of radioactive element in mediastinum, percutaneous endoscopic approach
0WWC43Z	Revision of infusion device in mediastinum, percutaneous endoscopic approach
0WWC47Z	Revision of autologous tissue substitute in mediastinum, percutaneous endoscopic approach
0WWC4JZ	Revision of synthetic substitute in mediastinum, percutaneous endoscopic approach
0WWC4KZ	Revision of nonautologous tissue substitute in mediastinum, percutaneous endoscopic approach
0WWC4YZ	Revision of other device in mediastinum, percutaneous endoscopic approach
0WWQ01Z	Revision of radioactive element in respiratory tract, open approach
0WWQ03Z	Revision of infusion device in respiratory tract, open approach
0WWQ0YZ	Revision of other device in respiratory tract, open approach
0WWQ31Z	Revision of radioactive element in respiratory tract, percutaneous approach
0WWQ33Z	Revision of infusion device in respiratory tract, percutaneous approach
0WWQ3YZ	Revision of other device in respiratory tract, percutaneous approach
0WWQ41Z	Revision of radioactive element in respiratory tract, percutaneous endoscopic approach
0WWQ43Z	Revision of infusion device in respiratory tract, percutaneous endoscopic approach

0BQG8ZZ	Repair left upper lung lobe, via natural or artificial opening endoscopic
0BQH0ZZ	Repair lung lingula, open approach
0BQH3ZZ	Repair lung lingula, percutaneous approach
0BQH4ZZ	Repair lung lingula, percutaneous endoscopic approach
0BQH7ZZ	Repair lung lingula, via natural or artificial opening
0BQH8ZZ	Repair lung lingula, via natural or artificial opening endoscopic
0BQJ0ZZ	Repair left lower lung lobe, open approach
0BQJ3ZZ	Repair left lower lung lobe, percutaneous approach
0BQJ4ZZ	Repair left lower lung lobe, percutaneous endoscopic approach
0BQJ7ZZ	Repair left lower lung lobe, via natural or artificial opening
0BQJ8ZZ	Repair left lower lung lobe, via natural or artificial opening endoscopic
0BQK0ZZ	Repair right lung, open approach
0WWQ4YZ	Revision of other device in respiratory tract, percutaneous endoscopic approach
0WWQ71Z	Revision of radioactive element in respiratory tract, via natural or artificial opening
0WWQ73Z	Revision of infusion device in respiratory tract, via natural or artificial opening
0WWQ7YZ	Revision of other device in respiratory tract, via natural or artificial opening
0WWQ81Z	Revision of radioactive element in respiratory tract, via natural or artificial opening endoscopic
0WWQ83Z	Revision of infusion device in respiratory tract, via natural or artificial opening endoscopic
0WWQ8YZ	Revision of other device in respiratory tract, via natural or artificial opening endoscopic
3E0L35Z	Introduction of adhesion barrier into pleural cavity, percutaneous approach
3E0L3SF	Introduction of other gas into pleural cavity, percutaneous approach
3E0L45Z	Introduction of adhesion barrier into pleural cavity, percutaneous endoscopic approach
3E0L4GC	Introduction of other therapeutic substance into pleural cavity, percutaneous endoscopic approach
3E0L7SF	Introduction of other gas into pleural cavity, via natural or artificial opening

Cardiac procedure codes: (CARDSIP)

0210083	Bypass coronary artery, one artery from coronary artery with zooplastic tissue, open approach	02HW4DZ	Insertion of intraluminal device into thoracic aorta, descending, percutaneous endoscopic approach
0210088	Bypass coronary artery, one artery from right internal mammary with zooplastic tissue, open approach	02HW4YZ	Insertion of other device into thoracic aorta, descending, percutaneous endoscopic approach
0210089	Bypass coronary artery, one artery from left internal mammary with zooplastic tissue, open approach	02HX02Z	Insertion of monitoring device into thoracic aorta, ascending/arch, open approach
021008C	Bypass coronary artery, one artery from thoracic artery with zooplastic tissue, open approach	02HX0DZ	Insertion of intraluminal device into thoracic aorta, ascending/arch, open approach
021008F	Bypass coronary artery, one artery from abdominal artery with zooplastic tissue, open approach	02HX42Z	Insertion of monitoring device into thoracic aorta, ascending/arch, percutaneous endoscopic approach
021008W	Bypass coronary artery, one artery from aorta with zooplastic tissue, open approach	02HX4DZ	Insertion of intraluminal device into thoracic aorta, ascending/arch, percutaneous endoscopic approach
0210093	Bypass coronary artery, one artery from coronary artery with autologous venous tissue, open approach	02L70CK	Occlusion of left atrial appendage with extraluminal device, open approach
0210098	Bypass coronary artery, one artery from right internal mammary with autologous venous tissue, open approach	02L70ZK	Occlusion of left atrial appendage, open approach
0210099	Bypass coronary artery, one artery from left internal mammary with autologous venous tissue, open approach	02L73CK	Occlusion of left atrial appendage with extraluminal device, percutaneous approach
021009C	Bypass coronary artery, one artery from thoracic artery with autologous venous tissue, open approach	02L74CK	Occlusion of left atrial appendage with extraluminal device, percutaneous endoscopic approach
021009F	Bypass coronary artery, one artery from abdominal artery with autologous venous tissue, open approach	02L74ZK	Occlusion of left atrial appendage, percutaneous endoscopic approach
021009W	Bypass coronary artery, one artery from aorta with autologous venous tissue, open approach	02LQ0CZ	Occlusion of right pulmonary artery with extraluminal device, open approach
02100A3	Bypass coronary artery, one artery from coronary artery with autologous arterial tissue, open approach	02LQ0DZ	Occlusion of right pulmonary artery with intraluminal device, open approach

02100A8	Bypass coronary artery, one artery from right internal mammary with autologous arterial tissue, open approach	02LQ0ZZ	Occlusion of right pulmonary artery, open approach
02100A9	Bypass coronary artery, one artery from left internal mammary with autologous arterial tissue, open approach	02LQ3CZ	Occlusion of right pulmonary artery with extraluminal device, percutaneous approach
02100AC	Bypass coronary artery, one artery from thoracic artery with autologous arterial tissue, open approach	02LQ4CZ	Occlusion of right pulmonary artery with extraluminal device, percutaneous endoscopic approach
02100AF	Bypass coronary artery, one artery from abdominal artery with autologous arterial tissue, open approach	02LQ4DZ	Occlusion of right pulmonary artery with intraluminal device, percutaneous endoscopic approach
02100AW	Bypass coronary artery, one artery from aorta with autologous arterial tissue, open approach	02LQ4ZZ	Occlusion of right pulmonary artery, percutaneous endoscopic approach
02100J3	Bypass coronary artery, one artery from coronary artery with synthetic substitute, open approach	02LR0CT	Occlusion of ductus arteriosus with extraluminal device, open approach
02100J8	Bypass coronary artery, one artery from right internal mammary with synthetic substitute, open approach	02LR0CZ	Occlusion of left pulmonary artery with extraluminal device, open approach
02100J9	Bypass coronary artery, one artery from left internal mammary with synthetic substitute, open approach	02LR0DZ	Occlusion of left pulmonary artery with intraluminal device, open approach
02100JC	Bypass coronary artery, one artery from thoracic artery with synthetic substitute, open approach	02LR0ZT	Occlusion of ductus arteriosus, open approach
02100JF	Bypass coronary artery, one artery from abdominal artery with synthetic substitute, open approach	02LR0ZZ	Occlusion of left pulmonary artery, open approach
02100JW	Bypass coronary artery, one artery from aorta with synthetic substitute, open approach	02LR3CT	Occlusion of ductus arteriosus with extraluminal device, percutaneous approach
02100K3	Bypass coronary artery, one artery from coronary artery with nonautologous tissue substitute, open approach	02LR3CZ	Occlusion of left pulmonary artery with extraluminal device, percutaneous approach
02100K8	Bypass coronary artery, one artery from right internal mammary with nonautologous tissue substitute, open approach	02LR4CT	Occlusion of ductus arteriosus with extraluminal device, percutaneous endoscopic approach

02100K9	Bypass coronary artery, one artery from left internal mammary with nonautologous tissue substitute, open approach	02LR4CZ	Occlusion of left pulmonary artery with extraluminal device, percutaneous endoscopic approach
02100KC	Bypass coronary artery, one artery from thoracic artery with nonautologous tissue substitute, open approach	02LR4DZ	Occlusion of left pulmonary artery with intraluminal device, percutaneous endoscopic approach
02100KF	Bypass coronary artery, one artery from abdominal artery with nonautologous tissue substitute, open approach	02LR4ZT	Occlusion of ductus arteriosus, percutaneous endoscopic approach
02100KW	Bypass coronary artery, one artery from aorta with nonautologous tissue substitute, open approach	02LR4ZZ	Occlusion of left pulmonary artery, percutaneous endoscopic approach
02100Z3	Bypass coronary artery, one artery from coronary artery, open approach	02LS0CZ	Occlusion of right pulmonary vein with extraluminal device, open approach
02100Z8	Bypass coronary artery, one artery from right internal mammary, open approach	02LS0ZZ	Occlusion of right pulmonary vein, open approach
02100Z9	Bypass coronary artery, one artery from left internal mammary, open approach	02LS3CZ	Occlusion of right pulmonary vein with extraluminal device, percutaneous approach
02100ZC	Bypass coronary artery, one artery from thoracic artery, open approach	02LS4CZ	Occlusion of right pulmonary vein with extraluminal device, percutaneous endoscopic approach
02100ZF	Bypass coronary artery, one artery from abdominal artery, open approach	02LS4ZZ	Occlusion of right pulmonary vein, percutaneous endoscopic approach
0210444	Bypass coronary artery, one artery from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach	02LT0CZ	Occlusion of left pulmonary vein with extraluminal device, open approach
0210483	Bypass coronary artery, one artery from coronary artery with zooplastic tissue, percutaneous endoscopic approach	02LT0ZZ	Occlusion of left pulmonary vein, open approach
0210488	Bypass coronary artery, one artery from right internal mammary with zooplastic tissue, percutaneous endoscopic approach	02LT3CZ	Occlusion of left pulmonary vein with extraluminal device, percutaneous approach

0210489	Bypass coronary artery, one artery from left internal mammary with zooplastic tissue, percutaneous endoscopic approach	02LT4CZ	Occlusion of left pulmonary vein with extraluminal device, percutaneous endoscopic approach
021048C	Bypass coronary artery, one artery from thoracic artery with zooplastic tissue, percutaneous endoscopic approach	02LT4ZZ	Occlusion of left pulmonary vein, percutaneous endoscopic approach
021048F	Bypass coronary artery, one artery from abdominal artery with zooplastic tissue, percutaneous endoscopic approach	02N00ZZ	Release coronary artery, one artery, open approach
021048W	Bypass coronary artery, one artery from aorta with zooplastic tissue, percutaneous endoscopic approach	02N04ZZ	Release coronary artery, one artery, percutaneous endoscopic approach
0210493	Bypass coronary artery, one artery from coronary artery with autologous venous tissue, percutaneous endoscopic approach	02N10ZZ	Release coronary artery, two arteries, open approach
0210498	Bypass coronary artery, one artery from right internal mammary with autologous venous tissue, percutaneous endoscopic approach	02N14ZZ	Release coronary artery, two arteries, percutaneous endoscopic approach
0210499	Bypass coronary artery, one artery from left internal mammary with autologous venous tissue, percutaneous endoscopic approach	02N20ZZ	Release coronary artery, three arteries, open approach
021049C	Bypass coronary artery, one artery from thoracic artery with autologous venous tissue, percutaneous endoscopic approach	02N24ZZ	Release coronary artery, three arteries, percutaneous endoscopic approach
021049F	Bypass coronary artery, one artery from abdominal artery with autologous venous tissue, percutaneous endoscopic approach	02N30ZZ	Release coronary artery, four or more arteries, open approach
021049W	Bypass coronary artery, one artery from aorta with autologous venous tissue, percutaneous endoscopic approach	02N34ZZ	Release coronary artery, four or more arteries, percutaneous endoscopic approach
02104A3	Bypass coronary artery, one artery from coronary artery with autologous arterial tissue, percutaneous endoscopic approach	02N40ZZ	Release coronary vein, open approach

02104A8	Bypass coronary artery, one artery from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02N44ZZ	Release coronary vein, percutaneous endoscopic approach
02104A9	Bypass coronary artery, one artery from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02N50ZZ	Release atrial septum, open approach
02104AC	Bypass coronary artery, one artery from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach	02N54ZZ	Release atrial septum, percutaneous endoscopic approach
02104AF	Bypass coronary artery, one artery from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach	02N60ZZ	Release right atrium, open approach
02104AW	Bypass coronary artery, one artery from aorta with autologous arterial tissue, percutaneous endoscopic approach	02N64ZZ	Release right atrium, percutaneous endoscopic approach
02104D4	Bypass coronary artery, one artery from coronary vein with intraluminal device, percutaneous endoscopic approach	02N70ZZ	Release left atrium, open approach
02104J3	Bypass coronary artery, one artery from coronary artery with synthetic substitute, percutaneous endoscopic approach	02N74ZZ	Release left atrium, percutaneous endoscopic approach
02104J8	Bypass coronary artery, one artery from right internal mammary with synthetic substitute, percutaneous endoscopic approach	02N80ZZ	Release conduction mechanism, open approach
02104J9	Bypass coronary artery, one artery from left internal mammary with synthetic substitute, percutaneous endoscopic approach	02N84ZZ	Release conduction mechanism, percutaneous endoscopic approach
02104JC	Bypass coronary artery, one artery from thoracic artery with synthetic substitute, percutaneous endoscopic approach	02N90ZZ	Release chordae tendineae, open approach
02104JF	Bypass coronary artery, one artery from abdominal artery with synthetic substitute, percutaneous endoscopic approach	02N94ZZ	Release chordae tendineae, percutaneous endoscopic approach

02104JW	Bypass coronary artery, one artery from aorta with synthetic substitute, percutaneous endoscopic approach	02ND0ZZ	Release papillary muscle, open approach
02104K3	Bypass coronary artery, one artery from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02ND4ZZ	Release papillary muscle, percutaneous endoscopic approach
02104K8	Bypass coronary artery, one artery from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02NF0ZZ	Release aortic valve, open approach
02104K9	Bypass coronary artery, one artery from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02NG0ZZ	Release mitral valve, open approach
02104KC	Bypass coronary artery, one artery from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach	02NH0ZZ	Release pulmonary valve, open approach
02104KF	Bypass coronary artery, one artery from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach	02NJ0ZZ	Release tricuspid valve, open approach
02104KW	Bypass coronary artery, one artery from aorta with nonautologous tissue substitute, percutaneous endoscopic approach	02NK0ZZ	Release right ventricle, open approach
02104Z3	Bypass coronary artery, one artery from coronary artery, percutaneous endoscopic approach	02NK4ZZ	Release right ventricle, percutaneous endoscopic approach
02104Z8	Bypass coronary artery, one artery from right internal mammary, percutaneous endoscopic approach	02NL0ZZ	Release left ventricle, open approach
02104Z9	Bypass coronary artery, one artery from left internal mammary, percutaneous endoscopic approach	02NL4ZZ	Release left ventricle, percutaneous endoscopic approach
02104ZC	Bypass coronary artery, one artery from thoracic artery, percutaneous endoscopic approach	02NM0ZZ	Release ventricular septum, open approach
02104ZF	Bypass coronary artery, one artery from abdominal artery, percutaneous endoscopic approach	02NM4ZZ	Release ventricular septum, percutaneous endoscopic approach
0211083	Bypass coronary artery, two arteries from coronary artery with zooplastic tissue, open approach	02NN0ZZ	Release pericardium, open approach

0211088	Bypass coronary artery, two arteries from right internal mammary with zooplastic tissue, open approach
0211089	Bypass coronary artery, two arteries from left internal mammary with zooplastic tissue, open approach
021108C	Bypass coronary artery, two arteries from thoracic artery with zooplastic tissue, open approach
021108F	Bypass coronary artery, two arteries from abdominal artery with zooplastic tissue, open approach
021108W	Bypass coronary artery, two arteries from aorta with zooplastic tissue, open approach
0211093	Bypass coronary artery, two arteries from coronary artery with autologous venous tissue, open approach
0211098	Bypass coronary artery, two arteries from right internal mammary with autologous venous tissue, open approach
0211099	Bypass coronary artery, two arteries from left internal mammary with autologous venous tissue, open approach
021109C	Bypass coronary artery, two arteries from thoracic artery with autologous venous tissue, open approach
021109F	Bypass coronary artery, two arteries from abdominal artery with autologous venous tissue, open approach
021109W	Bypass coronary artery, two arteries from aorta with autologous venous tissue, open approach
02110A3	Bypass coronary artery, two arteries from coronary artery with autologous arterial tissue, open approach
02110A8	Bypass coronary artery, two arteries from right internal mammary with autologous arterial tissue, open approach
02NN3ZZ	Release pericardium, percutaneous approach
02NN4ZZ	Release pericardium, percutaneous endoscopic approach
02PA02Z	Removal of monitoring device from heart, open approach
02PA03Z	Removal of infusion device from heart, open approach
02PA07Z	Removal of autologous tissue substitute from heart, open approach
02PA08Z	Removal of zooplastic tissue from heart, open approach
02PA0CZ	Removal of extraluminal device from heart, open approach
02PA0DZ	Removal of intraluminal device from heart, open approach
02PA0JZ	Removal of synthetic substitute from heart, open approach
02PA0KZ	Removal of nonautologous tissue substitute from heart, open approach
02PA0NZ	Removal of intracardiac pacemaker from heart, open approach
02PA0QZ	Removal of implantable heart assist system from heart, open approach
02PA0RS	Removal of biventricular short-term external heart assist system from heart, open approach

02110A9	Bypass coronary artery, two arteries from left internal mammary with autologous arterial tissue, open approach	02PA0RZ	Removal of short-term external heart assist system from heart, open approach
02110AC	Bypass coronary artery, two arteries from thoracic artery with autologous arterial tissue, open approach	02PA0YZ	Removal of other device from heart, open approach
02110AF	Bypass coronary artery, two arteries from abdominal artery with autologous arterial tissue, open approach	02PA3CZ	Removal of extraluminal device from heart, percutaneous approach
02110AW	Bypass coronary artery, two arteries from aorta with autologous arterial tissue, open approach	02PA3QZ	Removal of implantable heart assist system from heart, percutaneous approach
02110J3	Bypass coronary artery, two arteries from coronary artery with synthetic substitute, open approach	02PA3RS	Removal of biventricular short-term external heart assist system from heart, percutaneous approach
02110J8	Bypass coronary artery, two arteries from right internal mammary with synthetic substitute, open approach	02PA3RZ	Removal of short-term external heart assist system from heart, percutaneous approach
02110J9	Bypass coronary artery, two arteries from left internal mammary with synthetic substitute, open approach	02PA42Z	Removal of monitoring device from heart, percutaneous endoscopic approach
02110JC	Bypass coronary artery, two arteries from thoracic artery with synthetic substitute, open approach	02PA43Z	Removal of infusion device from heart, percutaneous endoscopic approach
02110JF	Bypass coronary artery, two arteries from abdominal artery with synthetic substitute, open approach	02PA47Z	Removal of autologous tissue substitute from heart, percutaneous endoscopic approach
02110JW	Bypass coronary artery, two arteries from aorta with synthetic substitute, open approach	02PA48Z	Removal of zooplastic tissue from heart, percutaneous endoscopic approach
02110K3	Bypass coronary artery, two arteries from coronary artery with nonautologous tissue substitute, open approach	02PA4CZ	Removal of extraluminal device from heart, percutaneous endoscopic approach
02110K8	Bypass coronary artery, two arteries from right internal mammary with nonautologous tissue substitute, open approach	02PA4DZ	Removal of intraluminal device from heart, percutaneous endoscopic approach
02110K9	Bypass coronary artery, two arteries from left internal mammary with nonautologous tissue substitute, open approach	02PA4JZ	Removal of synthetic substitute from heart, percutaneous endoscopic approach

02110KC	Bypass coronary artery, two arteries from thoracic artery with nonautologous tissue substitute, open approach	02PA4KZ	Removal of nonautologous tissue substitute from heart, percutaneous endoscopic approach
02110KF	Bypass coronary artery, two arteries from abdominal artery with nonautologous tissue substitute, open approach	02PA4NZ	Removal of intracardiac pacemaker from heart, percutaneous endoscopic approach
02110KW	Bypass coronary artery, two arteries from aorta with nonautologous tissue substitute, open approach	02PA4QZ	Removal of implantable heart assist system from heart, percutaneous endoscopic approach
02110Z3	Bypass coronary artery, two arteries from coronary artery, open approach	02PA4RS	Removal of biventricular short-term external heart assist system from heart, percutaneous endoscopic approach
02110Z8	Bypass coronary artery, two arteries from right internal mammary, open approach	02PA4RZ	Removal of short-term external heart assist system from heart, percutaneous endoscopic approach
02110Z9	Bypass coronary artery, two arteries from left internal mammary, open approach	02PA4YZ	Removal of other device from heart, percutaneous endoscopic approach
02110ZC	Bypass coronary artery, two arteries from thoracic artery, open approach	02PY02Z	Removal of monitoring device from great vessel, open approach
02110ZF	Bypass coronary artery, two arteries from abdominal artery, open approach	02PY03Z	Removal of infusion device from great vessel, open approach
0211444	Bypass coronary artery, two arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach	02PY07Z	Removal of autologous tissue substitute from great vessel, open approach
0211483	Bypass coronary artery, two arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach	02PY08Z	Removal of zooplastic tissue from great vessel, open approach
0211488	Bypass coronary artery, two arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach	02PY0CZ	Removal of extraluminal device from great vessel, open approach
0211489	Bypass coronary artery, two arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach	02PY0DZ	Removal of intraluminal device from great vessel, open approach

021148C	Bypass coronary artery, two arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach	02PY0JZ	Removal of synthetic substitute from great vessel, open approach
021148F	Bypass coronary artery, two arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach	02PY0KZ	Removal of nonautologous tissue substitute from great vessel, open approach
021148W	Bypass coronary artery, two arteries from aorta with zooplastic tissue, percutaneous endoscopic approach	02PY0YZ	Removal of other device from great vessel, open approach
0211493	Bypass coronary artery, two arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach	02PY3CZ	Removal of extraluminal device from great vessel, percutaneous approach
0211498	Bypass coronary artery, two arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach	02PY42Z	Removal of monitoring device from great vessel, percutaneous endoscopic approach
0211499	Bypass coronary artery, two arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach	02PY43Z	Removal of infusion device from great vessel, percutaneous endoscopic approach
021149C	Bypass coronary artery, two arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach	02PY47Z	Removal of autologous tissue substitute from great vessel, percutaneous endoscopic approach
021149F	Bypass coronary artery, two arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach	02PY48Z	Removal of zooplastic tissue from great vessel, percutaneous endoscopic approach
021149W	Bypass coronary artery, two arteries from aorta with autologous venous tissue, percutaneous endoscopic approach	02PY4CZ	Removal of extraluminal device from great vessel, percutaneous endoscopic approach
02114A3	Bypass coronary artery, two arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach	02PY4DZ	Removal of intraluminal device from great vessel, percutaneous endoscopic approach
02114A8	Bypass coronary artery, two arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02PY4JZ	Removal of synthetic substitute from great vessel, percutaneous endoscopic approach

02114A9	Bypass coronary artery, two arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02PY4KZ	Removal of nonautologous tissue substitute from great vessel, percutaneous endoscopic approach
02114AC	Bypass coronary artery, two arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach	02PY4YZ	Removal of other device from great vessel, percutaneous endoscopic approach
02114AF	Bypass coronary artery, two arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach	02Q00ZZ	Repair coronary artery, one artery, open approach
02114AW	Bypass coronary artery, two arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach	02Q04ZZ	Repair coronary artery, one artery, percutaneous endoscopic approach
02114D4	Bypass coronary artery, two arteries from coronary vein with intraluminal device, percutaneous endoscopic approach	02Q10ZZ	Repair coronary artery, two arteries, open approach
02114J3	Bypass coronary artery, two arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach	02Q14ZZ	Repair coronary artery, two arteries, percutaneous endoscopic approach
02114J8	Bypass coronary artery, two arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach	02Q20ZZ	Repair coronary artery, three arteries, open approach
02114J9	Bypass coronary artery, two arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach	02Q24ZZ	Repair coronary artery, three arteries, percutaneous endoscopic approach
02114JC	Bypass coronary artery, two arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach	02Q30ZZ	Repair coronary artery, four or more arteries, open approach
02114JF	Bypass coronary artery, two arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach	02Q34ZZ	Repair coronary artery, four or more arteries, percutaneous endoscopic approach
02114JW	Bypass coronary artery, two arteries from aorta with synthetic substitute, percutaneous endoscopic approach	02Q40ZZ	Repair coronary vein, open approach

02114K3	Bypass coronary artery, two arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02Q44ZZ	Repair coronary vein, percutaneous endoscopic approach
02114K8	Bypass coronary artery, two arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02Q50ZZ	Repair atrial septum, open approach
02114K9	Bypass coronary artery, two arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02Q54ZZ	Repair atrial septum, percutaneous endoscopic approach
02114KC	Bypass coronary artery, two arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach	02Q60ZZ	Repair right atrium, open approach
02114KF	Bypass coronary artery, two arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach	02Q64ZZ	Repair right atrium, percutaneous endoscopic approach
02114KW	Bypass coronary artery, two arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach	02Q70ZZ	Repair left atrium, open approach
02114Z3	Bypass coronary artery, two arteries from coronary artery, percutaneous endoscopic approach	02Q74ZZ	Repair left atrium, percutaneous endoscopic approach
02114Z8	Bypass coronary artery, two arteries from right internal mammary, percutaneous endoscopic approach	02Q80ZZ	Repair conduction mechanism, open approach
02114Z9	Bypass coronary artery, two arteries from left internal mammary, percutaneous endoscopic approach	02Q84ZZ	Repair conduction mechanism, percutaneous endoscopic approach
02114ZC	Bypass coronary artery, two arteries from thoracic artery, percutaneous endoscopic approach	02Q90ZZ	Repair chordae tendineae, open approach
02114ZF	Bypass coronary artery, two arteries from abdominal artery, percutaneous endoscopic approach	02Q94ZZ	Repair chordae tendineae, percutaneous endoscopic approach
0212083	Bypass coronary artery, three arteries from coronary artery with zooplastic tissue, open approach	02QA0ZZ	Repair heart, open approach
0212088	Bypass coronary artery, three arteries from right internal mammary with zooplastic tissue, open approach	02QA4ZZ	Repair heart, percutaneous endoscopic approach

0212089	Bypass coronary artery, three arteries from left internal mammary with zooplastic tissue, open approach	02QB0ZZ	Repair right heart, open approach
021208C	Bypass coronary artery, three arteries from thoracic artery with zooplastic tissue, open approach	02QB4ZZ	Repair right heart, percutaneous endoscopic approach
021208F	Bypass coronary artery, three arteries from abdominal artery with zooplastic tissue, open approach	02QC0ZZ	Repair left heart, open approach
021208W	Bypass coronary artery, three arteries from aorta with zooplastic tissue, open approach	02QC4ZZ	Repair left heart, percutaneous endoscopic approach
0212093	Bypass coronary artery, three arteries from coronary artery with autologous venous tissue, open approach	02QD0ZZ	Repair papillary muscle, open approach
0212098	Bypass coronary artery, three arteries from right internal mammary with autologous venous tissue, open approach	02QD4ZZ	Repair papillary muscle, percutaneous endoscopic approach
0212099	Bypass coronary artery, three arteries from left internal mammary with autologous venous tissue, open approach	02QF0ZJ	Repair aortic valve created from truncal valve, open approach
021209C	Bypass coronary artery, three arteries from thoracic artery with autologous venous tissue, open approach	02QF0ZZ	Repair aortic valve, open approach
021209F	Bypass coronary artery, three arteries from abdominal artery with autologous venous tissue, open approach	02QF4ZJ	Repair aortic valve created from truncal valve, percutaneous endoscopic approach
021209W	Bypass coronary artery, three arteries from aorta with autologous venous tissue, open approach	02QF4ZZ	Repair aortic valve, percutaneous endoscopic approach
02120A3	Bypass coronary artery, three arteries from coronary artery with autologous arterial tissue, open approach	02QG0ZE	Repair mitral valve created from left atrioventricular valve, open approach
02120A8	Bypass coronary artery, three arteries from right internal mammary with autologous arterial tissue, open approach	02QG0ZZ	Repair mitral valve, open approach

02120A9	Bypass coronary artery, three arteries from left internal mammary with autologous arterial tissue, open approach
02120AC	Bypass coronary artery, three arteries from thoracic artery with autologous arterial tissue, open approach
02120AF	Bypass coronary artery, three arteries from abdominal artery with autologous arterial tissue, open approach
02120AW	Bypass coronary artery, three arteries from aorta with autologous arterial tissue, open approach
02120J3	Bypass coronary artery, three arteries from coronary artery with synthetic substitute, open approach
02120J8	Bypass coronary artery, three arteries from right internal mammary with synthetic substitute, open approach
02120J9	Bypass coronary artery, three arteries from left internal mammary with synthetic substitute, open approach
02120JC	Bypass coronary artery, three arteries from thoracic artery with synthetic substitute, open approach
02120JF	Bypass coronary artery, three arteries from abdominal artery with synthetic substitute, open approach
02120JW	Bypass coronary artery, three arteries from aorta with synthetic substitute, open approach
02120K3	Bypass coronary artery, three arteries from coronary artery with nonautologous tissue substitute, open approach
02120K8	Bypass coronary artery, three arteries from right internal mammary with nonautologous tissue substitute, open approach

02QG4ZE	Repair mitral valve created from left atrioventricular valve, percutaneous endoscopic approach
02QG4ZZ	Repair mitral valve, percutaneous endoscopic approach
02QH0ZZ	Repair pulmonary valve, open approach
02QH4ZZ	Repair pulmonary valve, percutaneous endoscopic approach
02QJ0ZG	Repair tricuspid valve created from right atrioventricular valve, open approach
02QJ0ZZ	Repair tricuspid valve, open approach
02QJ4ZG	Repair tricuspid valve created from right atrioventricular valve, percutaneous endoscopic approach
02QJ4ZZ	Repair tricuspid valve, percutaneous endoscopic approach
02QK0ZZ	Repair right ventricle, open approach
02QK4ZZ	Repair right ventricle, percutaneous endoscopic approach
02QL0ZZ	Repair left ventricle, open approach
02QL4ZZ	Repair left ventricle, percutaneous endoscopic approach

02120K9	Bypass coronary artery, three arteries from left internal mammary with nonautologous tissue substitute, open approach	02QM0ZZ	Repair ventricular septum, open approach
02120KC	Bypass coronary artery, three arteries from thoracic artery with nonautologous tissue substitute, open approach	02QM4ZZ	Repair ventricular septum, percutaneous endoscopic approach
02120KF	Bypass coronary artery, three arteries from abdominal artery with nonautologous tissue substitute, open approach	02QN0ZZ	Repair pericardium, open approach
02120KW	Bypass coronary artery, three arteries from aorta with nonautologous tissue substitute, open approach	02QN3ZZ	Repair pericardium, percutaneous approach
02120Z3	Bypass coronary artery, three arteries from coronary artery, open approach	02QN4ZZ	Repair pericardium, percutaneous endoscopic approach
02120Z8	Bypass coronary artery, three arteries from right internal mammary, open approach	02R507Z	Replacement of atrial septum with autologous tissue substitute, open approach
02120Z9	Bypass coronary artery, three arteries from left internal mammary, open approach	02R508Z	Replacement of atrial septum with zooplastic tissue, open approach
02120ZC	Bypass coronary artery, three arteries from thoracic artery, open approach	02R50JZ	Replacement of atrial septum with synthetic substitute, open approach
02120ZF	Bypass coronary artery, three arteries from abdominal artery, open approach	02R50KZ	Replacement of atrial septum with nonautologous tissue substitute, open approach
0212444	Bypass coronary artery, three arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach	02R547Z	Replacement of atrial septum with autologous tissue substitute, percutaneous endoscopic approach
0212483	Bypass coronary artery, three arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach	02R548Z	Replacement of atrial septum with zooplastic tissue, percutaneous endoscopic approach
0212488	Bypass coronary artery, three arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach	02R54JZ	Replacement of atrial septum with synthetic substitute, percutaneous endoscopic approach

0212489	Bypass coronary artery, three arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach	02R54KZ	Replacement of atrial septum with nonautologous tissue substitute, percutaneous endoscopic approach
021248C	Bypass coronary artery, three arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach	02R607Z	Replacement of right atrium with autologous tissue substitute, open approach
021248F	Bypass coronary artery, three arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach	02R608Z	Replacement of right atrium with zooplastic tissue, open approach
021248W	Bypass coronary artery, three arteries from aorta with zooplastic tissue, percutaneous endoscopic approach	02R60JZ	Replacement of right atrium with synthetic substitute, open approach
0212493	Bypass coronary artery, three arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach	02R60KZ	Replacement of right atrium with nonautologous tissue substitute, open approach
0212498	Bypass coronary artery, three arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach	02R647Z	Replacement of right atrium with autologous tissue substitute, percutaneous endoscopic approach
0212499	Bypass coronary artery, three arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach	02R648Z	Replacement of right atrium with zooplastic tissue, percutaneous endoscopic approach
021249C	Bypass coronary artery, three arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach	02R64JZ	Replacement of right atrium with synthetic substitute, percutaneous endoscopic approach
021249F	Bypass coronary artery, three arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach	02R64KZ	Replacement of right atrium with nonautologous tissue substitute, percutaneous endoscopic approach
021249W	Bypass coronary artery, three arteries from aorta with autologous venous tissue, percutaneous endoscopic approach	02R707Z	Replacement of left atrium with autologous tissue substitute, open approach
02124A3	Bypass coronary artery, three arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach	02R708Z	Replacement of left atrium with zooplastic tissue, open approach

02124A8	Bypass coronary artery, three arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02R70JZ	Replacement of left atrium with synthetic substitute, open approach
02124A9	Bypass coronary artery, three arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02R70KZ	Replacement of left atrium with nonautologous tissue substitute, open approach
02124AC	Bypass coronary artery, three arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach	02R747Z	Replacement of left atrium with autologous tissue substitute, percutaneous endoscopic approach
02124AF	Bypass coronary artery, three arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach	02R748Z	Replacement of left atrium with zooplastic tissue, percutaneous endoscopic approach
02124AW	Bypass coronary artery, three arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach	02R74JZ	Replacement of left atrium with synthetic substitute, percutaneous endoscopic approach
02124D4	Bypass coronary artery, three arteries from coronary vein with intraluminal device, percutaneous endoscopic approach	02R74KZ	Replacement of left atrium with nonautologous tissue substitute, percutaneous endoscopic approach
02124J3	Bypass coronary artery, three arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach	02R907Z	Replacement of chordae tendineae with autologous tissue substitute, open approach
02124J8	Bypass coronary artery, three arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach	02R908Z	Replacement of chordae tendineae with zooplastic tissue, open approach
02124J9	Bypass coronary artery, three arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach	02R90JZ	Replacement of chordae tendineae with synthetic substitute, open approach
02124JC	Bypass coronary artery, three arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach	02R90KZ	Replacement of chordae tendineae with nonautologous tissue substitute, open approach
02124JF	Bypass coronary artery, three arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach	02R947Z	Replacement of chordae tendineae with autologous tissue substitute, percutaneous endoscopic approach

02124JW	Bypass coronary artery, three arteries from aorta with synthetic substitute, percutaneous endoscopic approach
02124K3	Bypass coronary artery, three arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02124K8	Bypass coronary artery, three arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach
02124K9	Bypass coronary artery, three arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach
02124KC	Bypass coronary artery, three arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach
02124KF	Bypass coronary artery, three arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach
02124KW	Bypass coronary artery, three arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach
02124Z3	Bypass coronary artery, three arteries from coronary artery, percutaneous endoscopic approach
02124Z8	Bypass coronary artery, three arteries from right internal mammary, percutaneous endoscopic approach
02124Z9	Bypass coronary artery, three arteries from left internal mammary, percutaneous endoscopic approach
02124ZC	Bypass coronary artery, three arteries from thoracic artery, percutaneous endoscopic approach
02124ZF	Bypass coronary artery, three arteries from abdominal artery, percutaneous endoscopic approach
02R948Z	Replacement of chordae tendineae with zooplastic tissue, percutaneous endoscopic approach
02R94JZ	Replacement of chordae tendineae with synthetic substitute, percutaneous endoscopic approach
02R94KZ	Replacement of chordae tendineae with nonautologous tissue substitute, percutaneous endoscopic approach
02RD07Z	Replacement of papillary muscle with autologous tissue substitute, open approach
02RD08Z	Replacement of papillary muscle with zooplastic tissue, open approach
02RD0JZ	Replacement of papillary muscle with synthetic substitute, open approach
02RD0KZ	Replacement of papillary muscle with nonautologous tissue substitute, open approach
02RD47Z	Replacement of papillary muscle with autologous tissue substitute, percutaneous endoscopic approach
02RD48Z	Replacement of papillary muscle with zooplastic tissue, percutaneous endoscopic approach
02RD4JZ	Replacement of papillary muscle with synthetic substitute, percutaneous endoscopic approach
02RD4KZ	Replacement of papillary muscle with nonautologous tissue substitute, percutaneous endoscopic approach
02RF07Z	Replacement of aortic valve with autologous tissue substitute, open approach

0213083	Bypass coronary artery, four or more arteries from coronary artery with zooplastic tissue, open approach	02RF08Z	Replacement of aortic valve with zooplastic tissue, open approach
0213088	Bypass coronary artery, four or more arteries from right internal mammary with zooplastic tissue, open approach	02RF0JZ	Replacement of aortic valve with synthetic substitute, open approach
0213089	Bypass coronary artery, four or more arteries from left internal mammary with zooplastic tissue, open approach	02RF0KZ	Replacement of aortic valve with nonautologous tissue substitute, open approach
021308C	Bypass coronary artery, four or more arteries from thoracic artery with zooplastic tissue, open approach	02RF47Z	Replacement of aortic valve with autologous tissue substitute, percutaneous endoscopic approach
021308F	Bypass coronary artery, four or more arteries from abdominal artery with zooplastic tissue, open approach	02RF48Z	Replacement of aortic valve with zooplastic tissue, percutaneous endoscopic approach
021308W	Bypass coronary artery, four or more arteries from aorta with zooplastic tissue, open approach	02RF4JZ	Replacement of aortic valve with synthetic substitute, percutaneous endoscopic approach
0213093	Bypass coronary artery, four or more arteries from coronary artery with autologous venous tissue, open approach	02RF4KZ	Replacement of aortic valve with nonautologous tissue substitute, percutaneous endoscopic approach
0213098	Bypass coronary artery, four or more arteries from right internal mammary with autologous venous tissue, open approach	02RG07Z	Replacement of mitral valve with autologous tissue substitute, open approach
0213099	Bypass coronary artery, four or more arteries from left internal mammary with autologous venous tissue, open approach	02RG08Z	Replacement of mitral valve with zooplastic tissue, open approach
021309C	Bypass coronary artery, four or more arteries from thoracic artery with autologous venous tissue, open approach	02RG0JZ	Replacement of mitral valve with synthetic substitute, open approach
021309F	Bypass coronary artery, four or more arteries from abdominal artery with autologous venous tissue, open approach	02RG0KZ	Replacement of mitral valve with nonautologous tissue substitute, open approach
021309W	Bypass coronary artery, four or more arteries from aorta with autologous venous tissue, open approach	02RG47Z	Replacement of mitral valve with autologous tissue substitute, percutaneous endoscopic approach

02130A3	Bypass coronary artery, four or more arteries from coronary artery with autologous arterial tissue, open approach	02RG48Z	Replacement of mitral valve with zooplastic tissue, percutaneous endoscopic approach
02130A8	Bypass coronary artery, four or more arteries from right internal mammary with autologous arterial tissue, open approach	02RG4JZ	Replacement of mitral valve with synthetic substitute, percutaneous endoscopic approach
02130A9	Bypass coronary artery, four or more arteries from left internal mammary with autologous arterial tissue, open approach	02RG4KZ	Replacement of mitral valve with nonautologous tissue substitute, percutaneous endoscopic approach
02130AC	Bypass coronary artery, four or more arteries from thoracic artery with autologous arterial tissue, open approach	02RH07Z	Replacement of pulmonary valve with autologous tissue substitute, open approach
02130AF	Bypass coronary artery, four or more arteries from abdominal artery with autologous arterial tissue, open approach	02RH08Z	Replacement of pulmonary valve with zooplastic tissue, open approach
02130AW	Bypass coronary artery, four or more arteries from aorta with autologous arterial tissue, open approach	02RH0JZ	Replacement of pulmonary valve with synthetic substitute, open approach
02130J3	Bypass coronary artery, four or more arteries from coronary artery with synthetic substitute, open approach	02RH0KZ	Replacement of pulmonary valve with nonautologous tissue substitute, open approach
02130J8	Bypass coronary artery, four or more arteries from right internal mammary with synthetic substitute, open approach	02RH47Z	Replacement of pulmonary valve with autologous tissue substitute, percutaneous endoscopic approach
02130J9	Bypass coronary artery, four or more arteries from left internal mammary with synthetic substitute, open approach	02RH48Z	Replacement of pulmonary valve with zooplastic tissue, percutaneous endoscopic approach
02130JC	Bypass coronary artery, four or more arteries from thoracic artery with synthetic substitute, open approach	02RH4JZ	Replacement of pulmonary valve with synthetic substitute, percutaneous endoscopic approach
02130JF	Bypass coronary artery, four or more arteries from abdominal artery with synthetic substitute, open approach	02RH4KZ	Replacement of pulmonary valve with nonautologous tissue substitute, percutaneous endoscopic approach

02130JW	Bypass coronary artery, four or more arteries from aorta with synthetic substitute, open approach	02RJ07Z	Replacement of tricuspid valve with autologous tissue substitute, open approach
02130K3	Bypass coronary artery, four or more arteries from coronary artery with nonautologous tissue substitute, open approach	02RJ08Z	Replacement of tricuspid valve with zooplastic tissue, open approach
02130K8	Bypass coronary artery, four or more arteries from right internal mammary with nonautologous tissue substitute, open approach	02RJ0JZ	Replacement of tricuspid valve with synthetic substitute, open approach
02130K9	Bypass coronary artery, four or more arteries from left internal mammary with nonautologous tissue substitute, open approach	02RJ0KZ	Replacement of tricuspid valve with nonautologous tissue substitute, open approach
02130KC	Bypass coronary artery, four or more arteries from thoracic artery with nonautologous tissue substitute, open approach	02RJ37H	Replacement of tricuspid valve with autologous tissue substitute, transapical, percutaneous approach
02130KF	Bypass coronary artery, four or more arteries from abdominal artery with nonautologous tissue substitute, open approach	02RJ38H	Replacement of tricuspid valve with zooplastic tissue, transapical, percutaneous approach
02130KW	Bypass coronary artery, four or more arteries from aorta with nonautologous tissue substitute, open approach	02RJ3JH	Replacement of tricuspid valve with synthetic substitute, transapical, percutaneous approach
02130Z3	Bypass coronary artery, four or more arteries from coronary artery, open approach	02RJ3KH	Replacement of tricuspid valve with nonautologous tissue substitute, transapical, percutaneous approach
02130Z8	Bypass coronary artery, four or more arteries from right internal mammary, open approach	02RJ47Z	Replacement of tricuspid valve with autologous tissue substitute, percutaneous endoscopic approach
02130Z9	Bypass coronary artery, four or more arteries from left internal mammary, open approach	02RJ48Z	Replacement of tricuspid valve with zooplastic tissue, percutaneous endoscopic approach
02130ZC	Bypass coronary artery, four or more arteries from thoracic artery, open approach	02RJ4JZ	Replacement of tricuspid valve with synthetic substitute, percutaneous endoscopic approach
02130ZF	Bypass coronary artery, four or more arteries from abdominal artery, open approach	02RJ4KZ	Replacement of tricuspid valve with nonautologous tissue substitute, percutaneous endoscopic approach

0213444	Bypass coronary artery, four or more arteries from coronary vein with drug-eluting intraluminal device, percutaneous endoscopic approach	02RK07Z	Replacement of right ventricle with autologous tissue substitute, open approach
0213483	Bypass coronary artery, four or more arteries from coronary artery with zooplastic tissue, percutaneous endoscopic approach	02RK08Z	Replacement of right ventricle with zooplastic tissue, open approach
0213488	Bypass coronary artery, four or more arteries from right internal mammary with zooplastic tissue, percutaneous endoscopic approach	02RK0JZ	Replacement of right ventricle with synthetic substitute, open approach
0213489	Bypass coronary artery, four or more arteries from left internal mammary with zooplastic tissue, percutaneous endoscopic approach	02RK0KZ	Replacement of right ventricle with nonautologous tissue substitute, open approach
021348C	Bypass coronary artery, four or more arteries from thoracic artery with zooplastic tissue, percutaneous endoscopic approach	02RK47Z	Replacement of right ventricle with autologous tissue substitute, percutaneous endoscopic approach
021348F	Bypass coronary artery, four or more arteries from abdominal artery with zooplastic tissue, percutaneous endoscopic approach	02RK48Z	Replacement of right ventricle with zooplastic tissue, percutaneous endoscopic approach
021348W	Bypass coronary artery, four or more arteries from aorta with zooplastic tissue, percutaneous endoscopic approach	02RK4JZ	Replacement of right ventricle with synthetic substitute, percutaneous endoscopic approach
0213493	Bypass coronary artery, four or more arteries from coronary artery with autologous venous tissue, percutaneous endoscopic approach	02RK4KZ	Replacement of right ventricle with nonautologous tissue substitute, percutaneous endoscopic approach
0213498	Bypass coronary artery, four or more arteries from right internal mammary with autologous venous tissue, percutaneous endoscopic approach	02RL07Z	Replacement of left ventricle with autologous tissue substitute, open approach
0213499	Bypass coronary artery, four or more arteries from left internal mammary with autologous venous tissue, percutaneous endoscopic approach	02RL08Z	Replacement of left ventricle with zooplastic tissue, open approach

021349C	Bypass coronary artery, four or more arteries from thoracic artery with autologous venous tissue, percutaneous endoscopic approach	02RL0JZ	Replacement of left ventricle with synthetic substitute, open approach
021349F	Bypass coronary artery, four or more arteries from abdominal artery with autologous venous tissue, percutaneous endoscopic approach	02RL0KZ	Replacement of left ventricle with nonautologous tissue substitute, open approach
021349W	Bypass coronary artery, four or more arteries from aorta with autologous venous tissue, percutaneous endoscopic approach	02RL47Z	Replacement of left ventricle with autologous tissue substitute, percutaneous endoscopic approach
02134A3	Bypass coronary artery, four or more arteries from coronary artery with autologous arterial tissue, percutaneous endoscopic approach	02RL48Z	Replacement of left ventricle with zooplastic tissue, percutaneous endoscopic approach
02134A8	Bypass coronary artery, four or more arteries from right internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02RL4JZ	Replacement of left ventricle with synthetic substitute, percutaneous endoscopic approach
02134A9	Bypass coronary artery, four or more arteries from left internal mammary with autologous arterial tissue, percutaneous endoscopic approach	02RL4KZ	Replacement of left ventricle with nonautologous tissue substitute, percutaneous endoscopic approach
02134AC	Bypass coronary artery, four or more arteries from thoracic artery with autologous arterial tissue, percutaneous endoscopic approach	02RM07Z	Replacement of ventricular septum with autologous tissue substitute, open approach
02134AF	Bypass coronary artery, four or more arteries from abdominal artery with autologous arterial tissue, percutaneous endoscopic approach	02RM08Z	Replacement of ventricular septum with zooplastic tissue, open approach
02134AW	Bypass coronary artery, four or more arteries from aorta with autologous arterial tissue, percutaneous endoscopic approach	02RM0JZ	Replacement of ventricular septum with synthetic substitute, open approach
02134D4	Bypass coronary artery, four or more arteries from coronary vein with intraluminal device, percutaneous endoscopic approach	02RM0KZ	Replacement of ventricular septum with nonautologous tissue substitute, open approach

02134J3	Bypass coronary artery, four or more arteries from coronary artery with synthetic substitute, percutaneous endoscopic approach	02RM47Z	Replacement of ventricular septum with autologous tissue substitute, percutaneous endoscopic approach
02134J8	Bypass coronary artery, four or more arteries from right internal mammary with synthetic substitute, percutaneous endoscopic approach	02RM48Z	Replacement of ventricular septum with zooplastic tissue, percutaneous endoscopic approach
02134J9	Bypass coronary artery, four or more arteries from left internal mammary with synthetic substitute, percutaneous endoscopic approach	02RM4JZ	Replacement of ventricular septum with synthetic substitute, percutaneous endoscopic approach
02134JC	Bypass coronary artery, four or more arteries from thoracic artery with synthetic substitute, percutaneous endoscopic approach	02RM4KZ	Replacement of ventricular septum with nonautologous tissue substitute, percutaneous endoscopic approach
02134JF	Bypass coronary artery, four or more arteries from abdominal artery with synthetic substitute, percutaneous endoscopic approach	02RN07Z	Replacement of pericardium with autologous tissue substitute, open approach
02134JW	Bypass coronary artery, four or more arteries from aorta with synthetic substitute, percutaneous endoscopic approach	02RN08Z	Replacement of pericardium with zooplastic tissue, open approach
02134K3	Bypass coronary artery, four or more arteries from coronary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02RN0JZ	Replacement of pericardium with synthetic substitute, open approach
02134K8	Bypass coronary artery, four or more arteries from right internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02RN0KZ	Replacement of pericardium with nonautologous tissue substitute, open approach
02134K9	Bypass coronary artery, four or more arteries from left internal mammary with nonautologous tissue substitute, percutaneous endoscopic approach	02RN47Z	Replacement of pericardium with autologous tissue substitute, percutaneous endoscopic approach
02134KC	Bypass coronary artery, four or more arteries from thoracic artery with nonautologous tissue substitute, percutaneous endoscopic approach	02RN48Z	Replacement of pericardium with zooplastic tissue, percutaneous endoscopic approach

02134KF	Bypass coronary artery, four or more arteries from abdominal artery with nonautologous tissue substitute, percutaneous endoscopic approach
02134KW	Bypass coronary artery, four or more arteries from aorta with nonautologous tissue substitute, percutaneous endoscopic approach
02134Z3	Bypass coronary artery, four or more arteries from coronary artery, percutaneous endoscopic approach
02134Z8	Bypass coronary artery, four or more arteries from right internal mammary, percutaneous endoscopic approach
02134Z9	Bypass coronary artery, four or more arteries from left internal mammary, percutaneous endoscopic approach
02134ZC	Bypass coronary artery, four or more arteries from thoracic artery, percutaneous endoscopic approach
02134ZF	Bypass coronary artery, four or more arteries from abdominal artery, percutaneous endoscopic approach
021608P	Bypass right atrium to pulmonary trunk with zooplastic tissue, open approach
021608Q	Bypass right atrium to right pulmonary artery with zooplastic tissue, open approach
021608R	Bypass right atrium to left pulmonary artery with zooplastic tissue, open approach
021609P	Bypass right atrium to pulmonary trunk with autologous venous tissue, open approach
021609Q	Bypass right atrium to right pulmonary artery with autologous venous tissue, open approach
021609R	Bypass right atrium to left pulmonary artery with autologous venous tissue, open approach
02RN4JZ	Replacement of pericardium with synthetic substitute, percutaneous endoscopic approach
02RN4KZ	Replacement of pericardium with nonautologous tissue substitute, percutaneous endoscopic approach
02RP07Z	Replacement of pulmonary trunk with autologous tissue substitute, open approach
02RP08Z	Replacement of pulmonary trunk with zooplastic tissue, open approach
02RP0JZ	Replacement of pulmonary trunk with synthetic substitute, open approach
02RP0KZ	Replacement of pulmonary trunk with nonautologous tissue substitute, open approach
02RP47Z	Replacement of pulmonary trunk with autologous tissue substitute, percutaneous endoscopic approach
02RP48Z	Replacement of pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach
02RP4JZ	Replacement of pulmonary trunk with synthetic substitute, percutaneous endoscopic approach
02RP4KZ	Replacement of pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach
02RQ07Z	Replacement of right pulmonary artery with autologous tissue substitute, open approach
02RQ08Z	Replacement of right pulmonary artery with zooplastic tissue, open approach
02RQ0JZ	Replacement of right pulmonary artery with synthetic substitute, open approach

02160AP	Bypass right atrium to pulmonary trunk with autologous arterial tissue, open approach	02RQ0KZ	Replacement of right pulmonary artery with nonautologous tissue substitute, open approach
02160AQ	Bypass right atrium to right pulmonary artery with autologous arterial tissue, open approach	02RQ47Z	Replacement of right pulmonary artery with autologous tissue substitute, percutaneous endoscopic approach
02160AR	Bypass right atrium to left pulmonary artery with autologous arterial tissue, open approach	02RQ48Z	Replacement of right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
02160JP	Bypass right atrium to pulmonary trunk with synthetic substitute, open approach	02RQ4JZ	Replacement of right pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02160JQ	Bypass right atrium to right pulmonary artery with synthetic substitute, open approach	02RQ4KZ	Replacement of right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02160JR	Bypass right atrium to left pulmonary artery with synthetic substitute, open approach	02RR07Z	Replacement of left pulmonary artery with autologous tissue substitute, open approach
02160KP	Bypass right atrium to pulmonary trunk with nonautologous tissue substitute, open approach	02RR08Z	Replacement of left pulmonary artery with zooplastic tissue, open approach
02160KQ	Bypass right atrium to right pulmonary artery with nonautologous tissue substitute, open approach	02RR0JZ	Replacement of left pulmonary artery with synthetic substitute, open approach
02160KR	Bypass right atrium to left pulmonary artery with nonautologous tissue substitute, open approach	02RR0KZ	Replacement of left pulmonary artery with nonautologous tissue substitute, open approach
02160Z7	Bypass right atrium to left atrium, open approach	02RR47Z	Replacement of left pulmonary artery with autologous tissue substitute, percutaneous endoscopic approach
02160ZP	Bypass right atrium to pulmonary trunk, open approach	02RR48Z	Replacement of left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
02160ZQ	Bypass right atrium to right pulmonary artery, open approach	02RR4JZ	Replacement of left pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02160ZR	Bypass right atrium to left pulmonary artery, open approach	02RR4KZ	Replacement of left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
021648P	Bypass right atrium to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach	02RS07Z	Replacement of right pulmonary vein with autologous tissue substitute, open approach

021648Q	Bypass right atrium to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021648R	Bypass right atrium to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021649P	Bypass right atrium to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach
021649Q	Bypass right atrium to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
021649R	Bypass right atrium to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
02164AP	Bypass right atrium to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach
02164AQ	Bypass right atrium to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02164AR	Bypass right atrium to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02164JP	Bypass right atrium to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach
02164JQ	Bypass right atrium to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02164JR	Bypass right atrium to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02164KP	Bypass right atrium to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach
02164KQ	Bypass right atrium to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02RS08Z	Replacement of right pulmonary vein with zooplastic tissue, open approach
02RS0JZ	Replacement of right pulmonary vein with synthetic substitute, open approach
02RS0KZ	Replacement of right pulmonary vein with nonautologous tissue substitute, open approach
02RS47Z	Replacement of right pulmonary vein with autologous tissue substitute, percutaneous endoscopic approach
02RS48Z	Replacement of right pulmonary vein with zooplastic tissue, percutaneous endoscopic approach
02RS4JZ	Replacement of right pulmonary vein with synthetic substitute, percutaneous endoscopic approach
02RS4KZ	Replacement of right pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach
02RT07Z	Replacement of left pulmonary vein with autologous tissue substitute, open approach
02RT08Z	Replacement of left pulmonary vein with zooplastic tissue, open approach
02RT0JZ	Replacement of left pulmonary vein with synthetic substitute, open approach
02RT0KZ	Replacement of left pulmonary vein with nonautologous tissue substitute, open approach
02RT47Z	Replacement of left pulmonary vein with autologous tissue substitute, percutaneous endoscopic approach
02RT48Z	Replacement of left pulmonary vein with zooplastic tissue, percutaneous endoscopic approach

02164KR	Bypass right atrium to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02RT4JZ	Replacement of left pulmonary vein with synthetic substitute, percutaneous endoscopic approach
02164Z7	Bypass right atrium to left atrium, percutaneous endoscopic approach	02RT4KZ	Replacement of left pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach
02164ZP	Bypass right atrium to pulmonary trunk, percutaneous endoscopic approach	02RV07Z	Replacement of superior vena cava with autologous tissue substitute, open approach
02164ZQ	Bypass right atrium to right pulmonary artery, percutaneous endoscopic approach	02RV08Z	Replacement of superior vena cava with zooplastic tissue, open approach
02164ZR	Bypass right atrium to left pulmonary artery, percutaneous endoscopic approach	02RV0JZ	Replacement of superior vena cava with synthetic substitute, open approach
021708P	Bypass left atrium to pulmonary trunk with zooplastic tissue, open approach	02RV0KZ	Replacement of superior vena cava with nonautologous tissue substitute, open approach
021708Q	Bypass left atrium to right pulmonary artery with zooplastic tissue, open approach	02RV47Z	Replacement of superior vena cava with autologous tissue substitute, percutaneous endoscopic approach
021708R	Bypass left atrium to left pulmonary artery with zooplastic tissue, open approach	02RV48Z	Replacement of superior vena cava with zooplastic tissue, percutaneous endoscopic approach
021709P	Bypass left atrium to pulmonary trunk with autologous venous tissue, open approach	02RV4JZ	Replacement of superior vena cava with synthetic substitute, percutaneous endoscopic approach
021709Q	Bypass left atrium to right pulmonary artery with autologous venous tissue, open approach	02RV4KZ	Replacement of superior vena cava with nonautologous tissue substitute, percutaneous endoscopic approach
021709R	Bypass left atrium to left pulmonary artery with autologous venous tissue, open approach	02RW07Z	Replacement of thoracic aorta, descending with autologous tissue substitute, open approach
021709S	Bypass left atrium to right pulmonary vein with autologous venous tissue, open approach	02RW08Z	Replacement of thoracic aorta, descending with zooplastic tissue, open approach
021709T	Bypass left atrium to left pulmonary vein with autologous venous tissue, open approach	02RW0JZ	Replacement of thoracic aorta, descending with synthetic substitute, open approach
021709U	Bypass left atrium to pulmonary vein confluence with autologous venous tissue, open approach	02RW0KZ	Replacement of thoracic aorta, descending with nonautologous tissue substitute, open approach

02170AP	Bypass left atrium to pulmonary trunk with autologous arterial tissue, open approach	02RW47Z	Replacement of thoracic aorta, descending with autologous tissue substitute, percutaneous endoscopic approach
02170AQ	Bypass left atrium to right pulmonary artery with autologous arterial tissue, open approach	02RW48Z	Replacement of thoracic aorta, descending with zooplastic tissue, percutaneous endoscopic approach
02170AR	Bypass left atrium to left pulmonary artery with autologous arterial tissue, open approach	02RW4JZ	Replacement of thoracic aorta, descending with synthetic substitute, percutaneous endoscopic approach
02170AS	Bypass left atrium to right pulmonary vein with autologous arterial tissue, open approach	02RW4KZ	Replacement of thoracic aorta, descending with nonautologous tissue substitute, percutaneous endoscopic approach
02170AT	Bypass left atrium to left pulmonary vein with autologous arterial tissue, open approach	02RX07Z	Replacement of thoracic aorta, ascending/arch with autologous tissue substitute, open approach
02170AU	Bypass left atrium to pulmonary vein confluence with autologous arterial tissue, open approach	02RX08Z	Replacement of thoracic aorta, ascending/arch with zooplastic tissue, open approach
02170JP	Bypass left atrium to pulmonary trunk with synthetic substitute, open approach	02RX0JZ	Replacement of thoracic aorta, ascending/arch with synthetic substitute, open approach
02170JQ	Bypass left atrium to right pulmonary artery with synthetic substitute, open approach	02RX0KZ	Replacement of thoracic aorta, ascending/arch with nonautologous tissue substitute, open approach
02170JR	Bypass left atrium to left pulmonary artery with synthetic substitute, open approach	02RX47Z	Replacement of thoracic aorta, ascending/arch with autologous tissue substitute, percutaneous endoscopic approach
02170JS	Bypass left atrium to right pulmonary vein with synthetic substitute, open approach	02RX48Z	Replacement of thoracic aorta, ascending/arch with zooplastic tissue, percutaneous endoscopic approach
02170JT	Bypass left atrium to left pulmonary vein with synthetic substitute, open approach	02RX4JZ	Replacement of thoracic aorta, ascending/arch with synthetic substitute, percutaneous endoscopic approach
02170JU	Bypass left atrium to pulmonary vein confluence with synthetic substitute, open approach	02RX4KZ	Replacement of thoracic aorta, ascending/arch with nonautologous tissue substitute, percutaneous endoscopic approach
02170KP	Bypass left atrium to pulmonary trunk with nonautologous tissue substitute, open approach	02SP0ZZ	Reposition pulmonary trunk, open approach

02170KQ	Bypass left atrium to right pulmonary artery with nonautologous tissue substitute, open approach
02170KR	Bypass left atrium to left pulmonary artery with nonautologous tissue substitute, open approach
02170KS	Bypass left atrium to right pulmonary vein with nonautologous tissue substitute, open approach
02170KT	Bypass left atrium to left pulmonary vein with nonautologous tissue substitute, open approach
02170KU	Bypass left atrium to pulmonary vein confluence with nonautologous tissue substitute, open approach
02170ZP	Bypass left atrium to pulmonary trunk, open approach
02170ZQ	Bypass left atrium to right pulmonary artery, open approach
02170ZR	Bypass left atrium to left pulmonary artery, open approach
02170ZS	Bypass left atrium to right pulmonary vein, open approach
02170ZT	Bypass left atrium to left pulmonary vein, open approach
02170ZU	Bypass left atrium to pulmonary vein confluence, open approach
021748P	Bypass left atrium to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach
021748Q	Bypass left atrium to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021748R	Bypass left atrium to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021749P	Bypass left atrium to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach
021749Q	Bypass left atrium to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
021749R	Bypass left atrium to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
02SW0ZZ	Reposition thoracic aorta, descending, open approach
02SX0ZZ	Reposition thoracic aorta, ascending/arch, open approach
02T50ZZ	Resection of atrial septum, open approach
02T54ZZ	Resection of atrial septum, percutaneous endoscopic approach
02T80ZZ	Resection of conduction mechanism, open approach
02T84ZZ	Resection of conduction mechanism, percutaneous endoscopic approach
02T90ZZ	Resection of chordae tendineae, open approach
02T94ZZ	Resection of chordae tendineae, percutaneous endoscopic approach
02TD0ZZ	Resection of papillary muscle, open approach
02TD4ZZ	Resection of papillary muscle, percutaneous endoscopic approach
02TH0ZZ	Resection of pulmonary valve, open approach
02TH4ZZ	Resection of pulmonary valve, percutaneous endoscopic approach
02TM0ZZ	Resection of ventricular septum, open approach
02TM4ZZ	Resection of ventricular septum, percutaneous endoscopic approach
02TN0ZZ	Resection of pericardium, open approach
02TN3ZZ	Resection of pericardium, percutaneous approach
02TN4ZZ	Resection of pericardium, percutaneous endoscopic approach

021749S	Bypass left atrium to right pulmonary vein with autologous venous tissue, percutaneous endoscopic approach
021749T	Bypass left atrium to left pulmonary vein with autologous venous tissue, percutaneous endoscopic approach
021749U	Bypass left atrium to pulmonary vein confluence with autologous venous tissue, percutaneous endoscopic approach
02174AP	Bypass left atrium to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach
02174AQ	Bypass left atrium to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02174AR	Bypass left atrium to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02174AS	Bypass left atrium to right pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach
02174AT	Bypass left atrium to left pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach
02174AU	Bypass left atrium to pulmonary vein confluence with autologous arterial tissue, percutaneous endoscopic approach
02174JP	Bypass left atrium to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach
02174JQ	Bypass left atrium to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02174JR	Bypass left atrium to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02174JS	Bypass left atrium to right pulmonary vein with synthetic substitute, percutaneous endoscopic approach

02U007Z	Supplement coronary artery, one artery with autologous tissue substitute, open approach
02U008Z	Supplement coronary artery, one artery with zooplastic tissue, open approach
02U00JZ	Supplement coronary artery, one artery with synthetic substitute, open approach
02U00KZ	Supplement coronary artery, one artery with nonautologous tissue substitute, open approach
02U047Z	Supplement coronary artery, one artery with autologous tissue substitute, percutaneous endoscopic approach
02U048Z	Supplement coronary artery, one artery with zooplastic tissue, percutaneous endoscopic approach
02U04JZ	Supplement coronary artery, one artery with synthetic substitute, percutaneous endoscopic approach
02U04KZ	Supplement coronary artery, one artery with nonautologous tissue substitute, percutaneous endoscopic approach
02U107Z	Supplement coronary artery, two arteries with autologous tissue substitute, open approach
02U108Z	Supplement coronary artery, two arteries with zooplastic tissue, open approach
02U10JZ	Supplement coronary artery, two arteries with synthetic substitute, open approach
02U10KZ	Supplement coronary artery, two arteries with nonautologous tissue substitute, open approach
02U147Z	Supplement coronary artery, two arteries with autologous tissue substitute, percutaneous endoscopic approach

02174JT	Bypass left atrium to left pulmonary vein with synthetic substitute, percutaneous endoscopic approach
02174JU	Bypass left atrium to pulmonary vein confluence with synthetic substitute, percutaneous endoscopic approach
02174KP	Bypass left atrium to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach
02174KQ	Bypass left atrium to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02174KR	Bypass left atrium to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02174KS	Bypass left atrium to right pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach
02174KT	Bypass left atrium to left pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach
02174KU	Bypass left atrium to pulmonary vein confluence with nonautologous tissue substitute, percutaneous endoscopic approach
02174ZP	Bypass left atrium to pulmonary trunk, percutaneous endoscopic approach
02174ZQ	Bypass left atrium to right pulmonary artery, percutaneous endoscopic approach
02174ZR	Bypass left atrium to left pulmonary artery, percutaneous endoscopic approach
02174ZS	Bypass left atrium to right pulmonary vein, percutaneous endoscopic approach

02U148Z	Supplement coronary artery, two arteries with zooplastic tissue, percutaneous endoscopic approach
02U14JZ	Supplement coronary artery, two arteries with synthetic substitute, percutaneous endoscopic approach
02U14KZ	Supplement coronary artery, two arteries with nonautologous tissue substitute, percutaneous endoscopic approach
02U207Z	Supplement coronary artery, three arteries with autologous tissue substitute, open approach
02U208Z	Supplement coronary artery, three arteries with zooplastic tissue, open approach
02U20JZ	Supplement coronary artery, three arteries with synthetic substitute, open approach
02U20KZ	Supplement coronary artery, three arteries with nonautologous tissue substitute, open approach
02U247Z	Supplement coronary artery, three arteries with autologous tissue substitute, percutaneous endoscopic approach
02U248Z	Supplement coronary artery, three arteries with zooplastic tissue, percutaneous endoscopic approach
02U24JZ	Supplement coronary artery, three arteries with synthetic substitute, percutaneous endoscopic approach
02U24KZ	Supplement coronary artery, three arteries with nonautologous tissue substitute, percutaneous endoscopic approach
02U307Z	Supplement coronary artery, four or more arteries with autologous tissue substitute, open approach

02174ZT	Bypass left atrium to left pulmonary vein, percutaneous endoscopic approach	02U308Z	Supplement coronary artery, four or more arteries with zooplastic tissue, open approach
02174ZU	Bypass left atrium to pulmonary vein confluence, percutaneous endoscopic approach	02U30JZ	Supplement coronary artery, four or more arteries with synthetic substitute, open approach
021K08P	Bypass right ventricle to pulmonary trunk with zooplastic tissue, open approach	02U30KZ	Supplement coronary artery, four or more arteries with nonautologous tissue substitute, open approach
021K08Q	Bypass right ventricle to right pulmonary artery with zooplastic tissue, open approach	02U347Z	Supplement coronary artery, four or more arteries with autologous tissue substitute, percutaneous endoscopic approach
021K08R	Bypass right ventricle to left pulmonary artery with zooplastic tissue, open approach	02U348Z	Supplement coronary artery, four or more arteries with zooplastic tissue, percutaneous endoscopic approach
021K09P	Bypass right ventricle to pulmonary trunk with autologous venous tissue, open approach	02U34JZ	Supplement coronary artery, four or more arteries with synthetic substitute, percutaneous endoscopic approach
021K09Q	Bypass right ventricle to right pulmonary artery with autologous venous tissue, open approach	02U34KZ	Supplement coronary artery, four or more arteries with nonautologous tissue substitute, percutaneous endoscopic approach
021K09R	Bypass right ventricle to left pulmonary artery with autologous venous tissue, open approach	02U507Z	Supplement atrial septum with autologous tissue substitute, open approach
021K0AP	Bypass right ventricle to pulmonary trunk with autologous arterial tissue, open approach	02U508Z	Supplement atrial septum with zooplastic tissue, open approach
021K0AQ	Bypass right ventricle to right pulmonary artery with autologous arterial tissue, open approach	02U50JZ	Supplement atrial septum with synthetic substitute, open approach
021K0AR	Bypass right ventricle to left pulmonary artery with autologous arterial tissue, open approach	02U50KZ	Supplement atrial septum with nonautologous tissue substitute, open approach
021K0JP	Bypass right ventricle to pulmonary trunk with synthetic substitute, open approach	02U547Z	Supplement atrial septum with autologous tissue substitute, percutaneous endoscopic approach
021K0JQ	Bypass right ventricle to right pulmonary artery with synthetic substitute, open approach	02U548Z	Supplement atrial septum with zooplastic tissue, percutaneous endoscopic approach
021K0JR	Bypass right ventricle to left pulmonary artery with synthetic substitute, open approach	02U54JZ	Supplement atrial septum with synthetic substitute, percutaneous endoscopic approach

021K0KP	Bypass right ventricle to pulmonary trunk with nonautologous tissue substitute, open approach
021K0KQ	Bypass right ventricle to right pulmonary artery with nonautologous tissue substitute, open approach
021K0KR	Bypass right ventricle to left pulmonary artery with nonautologous tissue substitute, open approach
021K0Z5	Bypass right ventricle to coronary circulation, open approach
021K0Z8	Bypass right ventricle to right internal mammary, open approach
021K0Z9	Bypass right ventricle to left internal mammary, open approach
021K0ZC	Bypass right ventricle to thoracic artery, open approach
021K0ZF	Bypass right ventricle to abdominal artery, open approach
021K0ZP	Bypass right ventricle to pulmonary trunk, open approach
021K0ZQ	Bypass right ventricle to right pulmonary artery, open approach
021K0ZR	Bypass right ventricle to left pulmonary artery, open approach
021K0ZW	Bypass right ventricle to aorta, open approach
021K48P	Bypass right ventricle to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach
021K48Q	Bypass right ventricle to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021K48R	Bypass right ventricle to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
02U54KZ	Supplement atrial septum with nonautologous tissue substitute, percutaneous endoscopic approach
02U607Z	Supplement right atrium with autologous tissue substitute, open approach
02U608Z	Supplement right atrium with zooplastic tissue, open approach
02U60JZ	Supplement right atrium with synthetic substitute, open approach
02U60KZ	Supplement right atrium with nonautologous tissue substitute, open approach
02U647Z	Supplement right atrium with autologous tissue substitute, percutaneous endoscopic approach
02U648Z	Supplement right atrium with zooplastic tissue, percutaneous endoscopic approach
02U64JZ	Supplement right atrium with synthetic substitute, percutaneous endoscopic approach
02U64KZ	Supplement right atrium with nonautologous tissue substitute, percutaneous endoscopic approach
02U707Z	Supplement left atrium with autologous tissue substitute, open approach
02U708Z	Supplement left atrium with zooplastic tissue, open approach
02U70JZ	Supplement left atrium with synthetic substitute, open approach
02U70KZ	Supplement left atrium with nonautologous tissue substitute, open approach
02U747Z	Supplement left atrium with autologous tissue substitute, percutaneous endoscopic approach
02U748Z	Supplement left atrium with zooplastic tissue, percutaneous endoscopic approach

021K49P	Bypass right ventricle to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach
021K49Q	Bypass right ventricle to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
021K49R	Bypass right ventricle to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
021K4AP	Bypass right ventricle to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach
021K4AQ	Bypass right ventricle to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
021K4AR	Bypass right ventricle to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
021K4JP	Bypass right ventricle to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach
021K4JQ	Bypass right ventricle to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach
021K4JR	Bypass right ventricle to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach
021K4KP	Bypass right ventricle to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach
021K4KQ	Bypass right ventricle to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
021K4KR	Bypass right ventricle to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02U74KZ	Supplement left atrium with nonautologous tissue substitute, percutaneous endoscopic approach
02U907Z	Supplement chordae tendineae with autologous tissue substitute, open approach
02U908Z	Supplement chordae tendineae with zooplastic tissue, open approach
02U90JZ	Supplement chordae tendineae with synthetic substitute, open approach
02U90KZ	Supplement chordae tendineae with nonautologous tissue substitute, open approach
02U947Z	Supplement chordae tendineae with autologous tissue substitute, percutaneous endoscopic approach
02U948Z	Supplement chordae tendineae with zooplastic tissue, percutaneous endoscopic approach
02U94JZ	Supplement chordae tendineae with synthetic substitute, percutaneous endoscopic approach
02U94KZ	Supplement chordae tendineae with nonautologous tissue substitute, percutaneous endoscopic approach
02UA07Z	Supplement heart with autologous tissue substitute, open approach
02UA08Z	Supplement heart with zooplastic tissue, open approach
02UA0JZ	Supplement heart with synthetic substitute, open approach

021K4Z5	Bypass right ventricle to coronary circulation, percutaneous endoscopic approach	02UA0KZ	Supplement heart with nonautologous tissue substitute, open approach
021K4Z8	Bypass right ventricle to right internal mammary, percutaneous endoscopic approach	02UA47Z	Supplement heart with autologous tissue substitute, percutaneous endoscopic approach
021K4Z9	Bypass right ventricle to left internal mammary, percutaneous endoscopic approach	02UA48Z	Supplement heart with zooplastic tissue, percutaneous endoscopic approach
021K4ZC	Bypass right ventricle to thoracic artery, percutaneous endoscopic approach	02UA4JZ	Supplement heart with synthetic substitute, percutaneous endoscopic approach
021K4ZF	Bypass right ventricle to abdominal artery, percutaneous endoscopic approach	02UA4KZ	Supplement heart with nonautologous tissue substitute, percutaneous endoscopic approach
021K4ZP	Bypass right ventricle to pulmonary trunk, percutaneous endoscopic approach	02UD07Z	Supplement papillary muscle with autologous tissue substitute, open approach
021K4ZQ	Bypass right ventricle to right pulmonary artery, percutaneous endoscopic approach	02UD08Z	Supplement papillary muscle with zooplastic tissue, open approach
021K4ZR	Bypass right ventricle to left pulmonary artery, percutaneous endoscopic approach	02UD0JZ	Supplement papillary muscle with synthetic substitute, open approach
021K4ZW	Bypass right ventricle to aorta, percutaneous endoscopic approach	02UD0KZ	Supplement papillary muscle with nonautologous tissue substitute, open approach
021L08P	Bypass left ventricle to pulmonary trunk with zooplastic tissue, open approach	02UD47Z	Supplement papillary muscle with autologous tissue substitute, percutaneous endoscopic approach
021L08Q	Bypass left ventricle to right pulmonary artery with zooplastic tissue, open approach	02UD48Z	Supplement papillary muscle with zooplastic tissue, percutaneous endoscopic approach
021L08R	Bypass left ventricle to left pulmonary artery with zooplastic tissue, open approach	02UD4JZ	Supplement papillary muscle with synthetic substitute, percutaneous endoscopic approach
021L09P	Bypass left ventricle to pulmonary trunk with autologous venous tissue, open approach	02UD4KZ	Supplement papillary muscle with nonautologous tissue substitute, percutaneous endoscopic approach
021L09Q	Bypass left ventricle to right pulmonary artery with autologous venous tissue, open approach	02UF07J	Supplement aortic valve created from truncal valve with autologous tissue substitute, open approach
021L09R	Bypass left ventricle to left pulmonary artery with autologous venous tissue, open approach	02UF07Z	Supplement aortic valve with autologous tissue substitute, open approach

021L0AP	Bypass left ventricle to pulmonary trunk with autologous arterial tissue, open approach	02UF08J	Supplement aortic valve created from truncal valve with zooplastic tissue, open approach
021L0AQ	Bypass left ventricle to right pulmonary artery with autologous arterial tissue, open approach	02UF08Z	Supplement aortic valve with zooplastic tissue, open approach
021L0AR	Bypass left ventricle to left pulmonary artery with autologous arterial tissue, open approach	02UF0JJ	Supplement aortic valve created from truncal valve with synthetic substitute, open approach
021L0JP	Bypass left ventricle to pulmonary trunk with synthetic substitute, open approach	02UF0JZ	Supplement aortic valve with synthetic substitute, open approach
021L0JQ	Bypass left ventricle to right pulmonary artery with synthetic substitute, open approach	02UF0KJ	Supplement aortic valve created from truncal valve with nonautologous tissue substitute, open approach
021L0JR	Bypass left ventricle to left pulmonary artery with synthetic substitute, open approach	02UF0KZ	Supplement aortic valve with nonautologous tissue substitute, open approach
021L0KP	Bypass left ventricle to pulmonary trunk with nonautologous tissue substitute, open approach	02UF47J	Supplement aortic valve created from truncal valve with autologous tissue substitute, percutaneous endoscopic approach
021L0KQ	Bypass left ventricle to right pulmonary artery with nonautologous tissue substitute, open approach	02UF47Z	Supplement aortic valve with autologous tissue substitute, percutaneous endoscopic approach
021L0KR	Bypass left ventricle to left pulmonary artery with nonautologous tissue substitute, open approach	02UF48J	Supplement aortic valve created from truncal valve with zooplastic tissue, percutaneous endoscopic approach
021L0Z5	Bypass left ventricle to coronary circulation, open approach	02UF48Z	Supplement aortic valve with zooplastic tissue, percutaneous endoscopic approach
021L0Z8	Bypass left ventricle to right internal mammary, open approach	02UF4JJ	Supplement aortic valve created from truncal valve with synthetic substitute, percutaneous endoscopic approach
021L0Z9	Bypass left ventricle to left internal mammary, open approach	02UF4JZ	Supplement aortic valve with synthetic substitute, percutaneous endoscopic approach
021L0ZC	Bypass left ventricle to thoracic artery, open approach	02UF4KJ	Supplement aortic valve created from truncal valve with nonautologous tissue substitute, percutaneous endoscopic approach
021L0ZF	Bypass left ventricle to abdominal artery, open approach	02UF4KZ	Supplement aortic valve with nonautologous tissue substitute, percutaneous endoscopic approach

021L0ZP	Bypass left ventricle to pulmonary trunk, open approach	02UG07E	Supplement mitral valve created from left atrioventricular valve with autologous tissue substitute, open approach
021L0ZQ	Bypass left ventricle to right pulmonary artery, open approach	02UG07Z	Supplement mitral valve with autologous tissue substitute, open approach
021L0ZR	Bypass left ventricle to left pulmonary artery, open approach	02UG08E	Supplement mitral valve created from left atrioventricular valve with zooplastic tissue, open approach
021L0ZW	Bypass left ventricle to aorta, open approach	02UG08Z	Supplement mitral valve with zooplastic tissue, open approach
021L48P	Bypass left ventricle to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach	02UG0JE	Supplement mitral valve created from left atrioventricular valve with synthetic substitute, open approach
021L48Q	Bypass left ventricle to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach	02UG0JZ	Supplement mitral valve with synthetic substitute, open approach
021L48R	Bypass left ventricle to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach	02UG0KE	Supplement mitral valve created from left atrioventricular valve with nonautologous tissue substitute, open approach
021L49P	Bypass left ventricle to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach	02UG0KZ	Supplement mitral valve with nonautologous tissue substitute, open approach
021L49Q	Bypass left ventricle to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02UG47E	Supplement mitral valve created from left atrioventricular valve with autologous tissue substitute, percutaneous endoscopic approach
021L49R	Bypass left ventricle to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02UG47Z	Supplement mitral valve with autologous tissue substitute, percutaneous endoscopic approach
021L4AP	Bypass left ventricle to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach	02UG48E	Supplement mitral valve created from left atrioventricular valve with zooplastic tissue, percutaneous endoscopic approach
021L4AQ	Bypass left ventricle to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02UG48Z	Supplement mitral valve with zooplastic tissue, percutaneous endoscopic approach

021L4AR	Bypass left ventricle to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02UG4JE	Supplement mitral valve created from left atrioventricular valve with synthetic substitute, percutaneous endoscopic approach
021L4JP	Bypass left ventricle to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach	02UG4JZ	Supplement mitral valve with synthetic substitute, percutaneous endoscopic approach
021L4JQ	Bypass left ventricle to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02UG4KE	Supplement mitral valve created from left atrioventricular valve with nonautologous tissue substitute, percutaneous endoscopic approach
021L4JR	Bypass left ventricle to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02UG4KZ	Supplement mitral valve with nonautologous tissue substitute, percutaneous endoscopic approach
021L4KP	Bypass left ventricle to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach	02UH07Z	Supplement pulmonary valve with autologous tissue substitute, open approach
021L4KQ	Bypass left ventricle to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02UH08Z	Supplement pulmonary valve with zooplastic tissue, open approach
021L4KR	Bypass left ventricle to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02UH0JZ	Supplement pulmonary valve with synthetic substitute, open approach
021L4Z5	Bypass left ventricle to coronary circulation, percutaneous endoscopic approach	02UH0KZ	Supplement pulmonary valve with nonautologous tissue substitute, open approach
021L4Z8	Bypass left ventricle to right internal mammary, percutaneous endoscopic approach	02UH47Z	Supplement pulmonary valve with autologous tissue substitute, percutaneous endoscopic approach
021L4Z9	Bypass left ventricle to left internal mammary, percutaneous endoscopic approach	02UH48Z	Supplement pulmonary valve with zooplastic tissue, percutaneous endoscopic approach
021L4ZC	Bypass left ventricle to thoracic artery, percutaneous endoscopic approach	02UH4JZ	Supplement pulmonary valve with synthetic substitute, percutaneous endoscopic approach
021L4ZF	Bypass left ventricle to abdominal artery, percutaneous endoscopic approach	02UH4KZ	Supplement pulmonary valve with nonautologous tissue substitute, percutaneous endoscopic approach

021L4ZP	Bypass left ventricle to pulmonary trunk, percutaneous endoscopic approach
021L4ZQ	Bypass left ventricle to right pulmonary artery, percutaneous endoscopic approach
021L4ZR	Bypass left ventricle to left pulmonary artery, percutaneous endoscopic approach
021L4ZW	Bypass left ventricle to aorta, percutaneous endoscopic approach
021V08P	Bypass superior vena cava to pulmonary trunk with zooplastic tissue, open approach
021V08Q	Bypass superior vena cava to right pulmonary artery with zooplastic tissue, open approach
021V08R	Bypass superior vena cava to left pulmonary artery with zooplastic tissue, open approach
021V09P	Bypass superior vena cava to pulmonary trunk with autologous venous tissue, open approach
021V09Q	Bypass superior vena cava to right pulmonary artery with autologous venous tissue, open approach
021V09R	Bypass superior vena cava to left pulmonary artery with autologous venous tissue, open approach
021V09S	Bypass superior vena cava to right pulmonary vein with autologous venous tissue, open approach
021V09T	Bypass superior vena cava to left pulmonary vein with autologous venous tissue, open approach
021V09U	Bypass superior vena cava to pulmonary vein confluence with autologous venous tissue, open approach
02UJ07G	Supplement tricuspid valve created from right atrioventricular valve with autologous tissue substitute, open approach
02UJ07Z	Supplement tricuspid valve with autologous tissue substitute, open approach
02UJ08G	Supplement tricuspid valve created from right atrioventricular valve with zooplastic tissue, open approach
02UJ08Z	Supplement tricuspid valve with zooplastic tissue, open approach
02UJ0JG	Supplement tricuspid valve created from right atrioventricular valve with synthetic substitute, open approach
02UJ0JZ	Supplement tricuspid valve with synthetic substitute, open approach
02UJ0KG	Supplement tricuspid valve created from right atrioventricular valve with nonautologous tissue substitute, open approach
02UJ0KZ	Supplement tricuspid valve with nonautologous tissue substitute, open approach
02UJ47G	Supplement tricuspid valve created from right atrioventricular valve with autologous tissue substitute, percutaneous endoscopic approach
02UJ47Z	Supplement tricuspid valve with autologous tissue substitute, percutaneous endoscopic approach
02UJ48G	Supplement tricuspid valve created from right atrioventricular valve with zooplastic tissue, percutaneous endoscopic approach
02UJ48Z	Supplement tricuspid valve with zooplastic tissue, percutaneous endoscopic approach
02UJ4JG	Supplement tricuspid valve created from right atrioventricular valve with synthetic substitute, percutaneous endoscopic approach

021V0AP	Bypass superior vena cava to pulmonary trunk with autologous arterial tissue, open approach
021V0AQ	Bypass superior vena cava to right pulmonary artery with autologous arterial tissue, open approach
021V0AR	Bypass superior vena cava to left pulmonary artery with autologous arterial tissue, open approach
021V0AS	Bypass superior vena cava to right pulmonary vein with autologous arterial tissue, open approach
021V0AT	Bypass superior vena cava to left pulmonary vein with autologous arterial tissue, open approach
021V0AU	Bypass superior vena cava to pulmonary vein confluence with autologous arterial tissue, open approach
021V0JP	Bypass superior vena cava to pulmonary trunk with synthetic substitute, open approach
021V0JQ	Bypass superior vena cava to right pulmonary artery with synthetic substitute, open approach
021V0JR	Bypass superior vena cava to left pulmonary artery with synthetic substitute, open approach
021V0JS	Bypass superior vena cava to right pulmonary vein with synthetic substitute, open approach
021V0JT	Bypass superior vena cava to left pulmonary vein with synthetic substitute, open approach
021V0JU	Bypass superior vena cava to pulmonary vein confluence with synthetic substitute, open approach
021V0KP	Bypass superior vena cava to pulmonary trunk with nonautologous tissue substitute, open approach
021V0KQ	Bypass superior vena cava to right pulmonary artery with nonautologous tissue substitute, open approach
02UJ4JZ	Supplement tricuspid valve with synthetic substitute, percutaneous endoscopic approach
02UJ4KG	Supplement tricuspid valve created from right atrioventricular valve with nonautologous tissue substitute, percutaneous endoscopic approach
02UJ4KZ	Supplement tricuspid valve with nonautologous tissue substitute, percutaneous endoscopic approach
02UK07Z	Supplement right ventricle with autologous tissue substitute, open approach
02UK08Z	Supplement right ventricle with zooplastic tissue, open approach
02UK0JZ	Supplement right ventricle with synthetic substitute, open approach
02UK0KZ	Supplement right ventricle with nonautologous tissue substitute, open approach
02UK47Z	Supplement right ventricle with autologous tissue substitute, percutaneous endoscopic approach
02UK48Z	Supplement right ventricle with zooplastic tissue, percutaneous endoscopic approach
02UK4JZ	Supplement right ventricle with synthetic substitute, percutaneous endoscopic approach
02UK4KZ	Supplement right ventricle with nonautologous tissue substitute, percutaneous endoscopic approach
02UL07Z	Supplement left ventricle with autologous tissue substitute, open approach
02UL08Z	Supplement left ventricle with zooplastic tissue, open approach
02UL0JZ	Supplement left ventricle with synthetic substitute, open approach

021V0KR	Bypass superior vena cava to left pulmonary artery with nonautologous tissue substitute, open approach
021V0KS	Bypass superior vena cava to right pulmonary vein with nonautologous tissue substitute, open approach
021V0KT	Bypass superior vena cava to left pulmonary vein with nonautologous tissue substitute, open approach
021V0KU	Bypass superior vena cava to pulmonary vein confluence with nonautologous tissue substitute, open approach
021V0ZP	Bypass superior vena cava to pulmonary trunk, open approach
021V0ZQ	Bypass superior vena cava to right pulmonary artery, open approach
021V0ZR	Bypass superior vena cava to left pulmonary artery, open approach
021V0ZS	Bypass superior vena cava to right pulmonary vein, open approach
021V0ZT	Bypass superior vena cava to left pulmonary vein, open approach
021V0ZU	Bypass superior vena cava to pulmonary vein confluence, open approach
021V48P	Bypass superior vena cava to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach
021V48Q	Bypass superior vena cava to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021V48R	Bypass superior vena cava to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021V49P	Bypass superior vena cava to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach

02UL0KZ	Supplement left ventricle with nonautologous tissue substitute, open approach
02UL47Z	Supplement left ventricle with autologous tissue substitute, percutaneous endoscopic approach
02UL48Z	Supplement left ventricle with zooplastic tissue, percutaneous endoscopic approach
02UL4JZ	Supplement left ventricle with synthetic substitute, percutaneous endoscopic approach
02UL4KZ	Supplement left ventricle with nonautologous tissue substitute, percutaneous endoscopic approach
02UM07Z	Supplement ventricular septum with autologous tissue substitute, open approach
02UM08Z	Supplement ventricular septum with zooplastic tissue, open approach
02UM0JZ	Supplement ventricular septum with synthetic substitute, open approach
02UM0KZ	Supplement ventricular septum with nonautologous tissue substitute, open approach
02UM47Z	Supplement ventricular septum with autologous tissue substitute, percutaneous endoscopic approach
02UM48Z	Supplement ventricular septum with zooplastic tissue, percutaneous endoscopic approach
02UM4JZ	Supplement ventricular septum with synthetic substitute, percutaneous endoscopic approach
02UM4KZ	Supplement ventricular septum with nonautologous tissue substitute, percutaneous endoscopic approach
02UN07Z	Supplement pericardium with autologous tissue substitute, open approach

021V49Q	Bypass superior vena cava to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02UN08Z	Supplement pericardium with zooplastic tissue, open approach
021V49R	Bypass superior vena cava to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02UN0JZ	Supplement pericardium with synthetic substitute, open approach
021V49S	Bypass superior vena cava to right pulmonary vein with autologous venous tissue, percutaneous endoscopic approach	02UN0KZ	Supplement pericardium with nonautologous tissue substitute, open approach
021V49T	Bypass superior vena cava to left pulmonary vein with autologous venous tissue, percutaneous endoscopic approach	02UN37Z	Supplement pericardium with autologous tissue substitute, percutaneous approach
021V49U	Bypass superior vena cava to pulmonary vein confluence with autologous venous tissue, percutaneous endoscopic approach	02UN38Z	Supplement pericardium with zooplastic tissue, percutaneous approach
021V4AP	Bypass superior vena cava to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach	02UN3JZ	Supplement pericardium with synthetic substitute, percutaneous approach
021V4AQ	Bypass superior vena cava to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02UN3KZ	Supplement pericardium with nonautologous tissue substitute, percutaneous approach
021V4AR	Bypass superior vena cava to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02UN47Z	Supplement pericardium with autologous tissue substitute, percutaneous endoscopic approach
021V4AS	Bypass superior vena cava to right pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach	02UN48Z	Supplement pericardium with zooplastic tissue, percutaneous endoscopic approach
021V4AT	Bypass superior vena cava to left pulmonary vein with autologous arterial tissue, percutaneous endoscopic approach	02UN4JZ	Supplement pericardium with synthetic substitute, percutaneous endoscopic approach
021V4AU	Bypass superior vena cava to pulmonary vein confluence with autologous arterial tissue, percutaneous endoscopic approach	02UN4KZ	Supplement pericardium with nonautologous tissue substitute, percutaneous endoscopic approach

021V4JP	Bypass superior vena cava to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach	02VA0CZ	Restriction of heart with extraluminal device, open approach
021V4JQ	Bypass superior vena cava to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02VA0ZZ	Restriction of heart, open approach
021V4JR	Bypass superior vena cava to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02VA3CZ	Restriction of heart with extraluminal device, percutaneous approach
021V4JS	Bypass superior vena cava to right pulmonary vein with synthetic substitute, percutaneous endoscopic approach	02VA4CZ	Restriction of heart with extraluminal device, percutaneous endoscopic approach
021V4JT	Bypass superior vena cava to left pulmonary vein with synthetic substitute, percutaneous endoscopic approach	02VA4ZZ	Restriction of heart, percutaneous endoscopic approach
021V4JU	Bypass superior vena cava to pulmonary vein confluence with synthetic substitute, percutaneous endoscopic approach	02VG0ZZ	Restriction of mitral valve, open approach
021V4KP	Bypass superior vena cava to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach	02VG4ZZ	Restriction of mitral valve, percutaneous endoscopic approach
021V4KQ	Bypass superior vena cava to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02VQ0CZ	Restriction of right pulmonary artery with extraluminal device, open approach
021V4KR	Bypass superior vena cava to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	02VQ3CZ	Restriction of right pulmonary artery with extraluminal device, percutaneous approach
021V4KS	Bypass superior vena cava to right pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach	02VQ4CZ	Restriction of right pulmonary artery with extraluminal device, percutaneous endoscopic approach
021V4KT	Bypass superior vena cava to left pulmonary vein with nonautologous tissue substitute, percutaneous endoscopic approach	02VR0CZ	Restriction of left pulmonary artery with extraluminal device, open approach

021V4KU	Bypass superior vena cava to pulmonary vein confluence with nonautologous tissue substitute, percutaneous endoscopic approach	02VR0ZT	Restriction of ductus arteriosus, open approach
021V4ZP	Bypass superior vena cava to pulmonary trunk, percutaneous endoscopic approach	02VR3CZ	Restriction of left pulmonary artery with extraluminal device, percutaneous approach
021V4ZQ	Bypass superior vena cava to right pulmonary artery, percutaneous endoscopic approach	02VR4CZ	Restriction of left pulmonary artery with extraluminal device, percutaneous endoscopic approach
021V4ZR	Bypass superior vena cava to left pulmonary artery, percutaneous endoscopic approach	02W50JZ	Revision of synthetic substitute in atrial septum, open approach
021V4ZS	Bypass superior vena cava to right pulmonary vein, percutaneous endoscopic approach	02W54JZ	Revision of synthetic substitute in atrial septum, percutaneous endoscopic approach
021V4ZT	Bypass superior vena cava to left pulmonary vein, percutaneous endoscopic approach	02WA02Z	Revision of monitoring device in heart, open approach
021V4ZU	Bypass superior vena cava to pulmonary vein confluence, percutaneous endoscopic approach	02WA03Z	Revision of infusion device in heart, open approach
021W08A	Bypass thoracic aorta, descending to innominate artery with zooplastic tissue, open approach	02WA07Z	Revision of autologous tissue substitute in heart, open approach
021W08B	Bypass thoracic aorta, descending to subclavian with zooplastic tissue, open approach	02WA08Z	Revision of zooplastic tissue in heart, open approach
021W08D	Bypass thoracic aorta, descending to carotid with zooplastic tissue, open approach	02WA0CZ	Revision of extraluminal device in heart, open approach
021W08F	Bypass thoracic aorta, descending to abdominal artery with zooplastic tissue, open approach	02WA0DZ	Revision of intraluminal device in heart, open approach
021W08G	Bypass thoracic aorta, descending to axillary artery with zooplastic tissue, open approach	02WA0JZ	Revision of synthetic substitute in heart, open approach
021W08H	Bypass thoracic aorta, descending to brachial artery with zooplastic tissue, open approach	02WA0KZ	Revision of nonautologous tissue substitute in heart, open approach
021W08P	Bypass thoracic aorta, descending to pulmonary trunk with zooplastic tissue, open approach	02WA0NZ	Revision of intracardiac pacemaker in heart, open approach

021W08Q	Bypass thoracic aorta, descending to right pulmonary artery with zooplastic tissue, open approach	02WA0QZ	Revision of implantable heart assist system in heart, open approach
021W08R	Bypass thoracic aorta, descending to left pulmonary artery with zooplastic tissue, open approach	02WA0RS	Revision of biventricular short-term external heart assist system in heart, open approach
021W08V	Bypass thoracic aorta, descending to lower extremity artery with zooplastic tissue, open approach	02WA0RZ	Revision of short-term external heart assist system in heart, open approach
021W09A	Bypass thoracic aorta, descending to innominate artery with autologous venous tissue, open approach	02WA0YZ	Revision of other device in heart, open approach
021W09B	Bypass thoracic aorta, descending to subclavian with autologous venous tissue, open approach	02WA3CZ	Revision of extraluminal device in heart, percutaneous approach
021W09D	Bypass thoracic aorta, descending to carotid with autologous venous tissue, open approach	02WA3RS	Revision of biventricular short-term external heart assist system in heart, percutaneous approach
021W09F	Bypass thoracic aorta, descending to abdominal artery with autologous venous tissue, open approach	02WA3RZ	Revision of short-term external heart assist system in heart, percutaneous approach
021W09G	Bypass thoracic aorta, descending to axillary artery with autologous venous tissue, open approach	02WA42Z	Revision of monitoring device in heart, percutaneous endoscopic approach
021W09H	Bypass thoracic aorta, descending to brachial artery with autologous venous tissue, open approach	02WA43Z	Revision of infusion device in heart, percutaneous endoscopic approach
021W09P	Bypass thoracic aorta, descending to pulmonary trunk with autologous venous tissue, open approach	02WA47Z	Revision of autologous tissue substitute in heart, percutaneous endoscopic approach
021W09Q	Bypass thoracic aorta, descending to right pulmonary artery with autologous venous tissue, open approach	02WA48Z	Revision of zooplastic tissue in heart, percutaneous endoscopic approach
021W09R	Bypass thoracic aorta, descending to left pulmonary artery with autologous venous tissue, open approach	02WA4CZ	Revision of extraluminal device in heart, percutaneous endoscopic approach
021W09V	Bypass thoracic aorta, descending to lower extremity artery with autologous venous tissue, open approach	02WA4DZ	Revision of intraluminal device in heart, percutaneous endoscopic approach
021W0AA	Bypass thoracic aorta, descending to innominate artery with autologous arterial tissue, open approach	02WA4JZ	Revision of synthetic substitute in heart, percutaneous endoscopic approach

021W0AB	Bypass thoracic aorta, descending to subclavian with autologous arterial tissue, open approach
021W0AD	Bypass thoracic aorta, descending to carotid with autologous arterial tissue, open approach
021W0AF	Bypass thoracic aorta, descending to abdominal artery with autologous arterial tissue, open approach
021W0AG	Bypass thoracic aorta, descending to axillary artery with autologous arterial tissue, open approach
021W0AH	Bypass thoracic aorta, descending to brachial artery with autologous arterial tissue, open approach
021W0AP	Bypass thoracic aorta, descending to pulmonary trunk with autologous arterial tissue, open approach
021W0AQ	Bypass thoracic aorta, descending to right pulmonary artery with autologous arterial tissue, open approach
021W0AR	Bypass thoracic aorta, descending to left pulmonary artery with autologous arterial tissue, open approach
021W0AV	Bypass thoracic aorta, descending to lower extremity artery with autologous arterial tissue, open approach
021W0JA	Bypass thoracic aorta, descending to innominate artery with synthetic substitute, open approach
021W0JB	Bypass thoracic aorta, descending to subclavian with synthetic substitute, open approach
021W0JD	Bypass thoracic aorta, descending to carotid with synthetic substitute, open approach
021W0JF	Bypass thoracic aorta, descending to abdominal artery with synthetic substitute, open approach
021W0JG	Bypass thoracic aorta, descending to axillary artery with synthetic substitute, open approach

02WA4KZ	Revision of nonautologous tissue substitute in heart, percutaneous endoscopic approach
02WA4NZ	Revision of intracardiac pacemaker in heart, percutaneous endoscopic approach
02WA4QZ	Revision of implantable heart assist system in heart, percutaneous endoscopic approach
02WA4RS	Revision of biventricular short-term external heart assist system in heart, percutaneous endoscopic approach
02WA4RZ	Revision of short-term external heart assist system in heart, percutaneous endoscopic approach
02WA4YZ	Revision of other device in heart, percutaneous endoscopic approach
02WF07Z	Revision of autologous tissue substitute in aortic valve, open approach
02WF08Z	Revision of zooplastic tissue in aortic valve, open approach
02WF0JZ	Revision of synthetic substitute in aortic valve, open approach
02WF0KZ	Revision of nonautologous tissue substitute in aortic valve, open approach
02WF47Z	Revision of autologous tissue substitute in aortic valve, percutaneous endoscopic approach
02WF48Z	Revision of zooplastic tissue in aortic valve, percutaneous endoscopic approach
02WF4JZ	Revision of synthetic substitute in aortic valve, percutaneous endoscopic approach
02WF4KZ	Revision of nonautologous tissue substitute in aortic valve, percutaneous endoscopic approach

021W0JH	Bypass thoracic aorta, descending to brachial artery with synthetic substitute, open approach	02WG07Z	Revision of autologous tissue substitute in mitral valve, open approach
021W0JP	Bypass thoracic aorta, descending to pulmonary trunk with synthetic substitute, open approach	02WG08Z	Revision of zooplastic tissue in mitral valve, open approach
021W0JQ	Bypass thoracic aorta, descending to right pulmonary artery with synthetic substitute, open approach	02WG0JZ	Revision of synthetic substitute in mitral valve, open approach
021W0JR	Bypass thoracic aorta, descending to left pulmonary artery with synthetic substitute, open approach	02WG0KZ	Revision of nonautologous tissue substitute in mitral valve, open approach
021W0JV	Bypass thoracic aorta, descending to lower extremity artery with synthetic substitute, open approach	02WG47Z	Revision of autologous tissue substitute in mitral valve, percutaneous endoscopic approach
021W0KA	Bypass thoracic aorta, descending to innominate artery with nonautologous tissue substitute, open approach	02WG48Z	Revision of zooplastic tissue in mitral valve, percutaneous endoscopic approach
021W0KB	Bypass thoracic aorta, descending to subclavian with nonautologous tissue substitute, open approach	02WG4JZ	Revision of synthetic substitute in mitral valve, percutaneous endoscopic approach
021W0KD	Bypass thoracic aorta, descending to carotid with nonautologous tissue substitute, open approach	02WG4KZ	Revision of nonautologous tissue substitute in mitral valve, percutaneous endoscopic approach
021W0KF	Bypass thoracic aorta, descending to abdominal artery with nonautologous tissue substitute, open approach	02WH07Z	Revision of autologous tissue substitute in pulmonary valve, open approach
021W0KG	Bypass thoracic aorta, descending to axillary artery with nonautologous tissue substitute, open approach	02WH08Z	Revision of zooplastic tissue in pulmonary valve, open approach
021W0KH	Bypass thoracic aorta, descending to brachial artery with nonautologous tissue substitute, open approach	02WH0JZ	Revision of synthetic substitute in pulmonary valve, open approach
021W0KP	Bypass thoracic aorta, descending to pulmonary trunk with nonautologous tissue substitute, open approach	02WH0KZ	Revision of nonautologous tissue substitute in pulmonary valve, open approach
021W0KQ	Bypass thoracic aorta, descending to right pulmonary artery with nonautologous tissue substitute, open approach	02WH47Z	Revision of autologous tissue substitute in pulmonary valve, percutaneous endoscopic approach
021W0KR	Bypass thoracic aorta, descending to left pulmonary artery with nonautologous tissue substitute, open approach	02WH48Z	Revision of zooplastic tissue in pulmonary valve, percutaneous endoscopic approach

021W0KV	Bypass thoracic aorta, descending to lower extremity artery with nonautologous tissue substitute, open approach
021W0ZA	Bypass thoracic aorta, descending to innominate artery, open approach
021W0ZB	Bypass thoracic aorta, descending to subclavian, open approach
021W0ZD	Bypass thoracic aorta, descending to carotid, open approach
021W0ZP	Bypass thoracic aorta, descending to pulmonary trunk, open approach
021W0ZQ	Bypass thoracic aorta, descending to right pulmonary artery, open approach
021W0ZR	Bypass thoracic aorta, descending to left pulmonary artery, open approach
021W48A	Bypass thoracic aorta, descending to innominate artery with zooplastic tissue, percutaneous endoscopic approach
021W48B	Bypass thoracic aorta, descending to subclavian with zooplastic tissue, percutaneous endoscopic approach
021W48D	Bypass thoracic aorta, descending to carotid with zooplastic tissue, percutaneous endoscopic approach
021W48P	Bypass thoracic aorta, descending to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach
021W48Q	Bypass thoracic aorta, descending to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
021W48R	Bypass thoracic aorta, descending to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach
02WH4JZ	Revision of synthetic substitute in pulmonary valve, percutaneous endoscopic approach
02WH4KZ	Revision of nonautologous tissue substitute in pulmonary valve, percutaneous endoscopic approach
02WJ07Z	Revision of autologous tissue substitute in tricuspid valve, open approach
02WJ08Z	Revision of zooplastic tissue in tricuspid valve, open approach
02WJ0JZ	Revision of synthetic substitute in tricuspid valve, open approach
02WJ0KZ	Revision of nonautologous tissue substitute in tricuspid valve, open approach
02WJ47Z	Revision of autologous tissue substitute in tricuspid valve, percutaneous endoscopic approach
02WJ48Z	Revision of zooplastic tissue in tricuspid valve, percutaneous endoscopic approach
02WJ4JZ	Revision of synthetic substitute in tricuspid valve, percutaneous endoscopic approach
02WJ4KZ	Revision of nonautologous tissue substitute in tricuspid valve, percutaneous endoscopic approach
02WM0JZ	Revision of synthetic substitute in ventricular septum, open approach
02WM4JZ	Revision of synthetic substitute in ventricular septum, percutaneous endoscopic approach
02WY02Z	Revision of monitoring device in great vessel, open approach

021W49A	Bypass thoracic aorta, descending to innominate artery with autologous venous tissue, percutaneous endoscopic approach	02WY03Z	Revision of infusion device in great vessel, open approach
021W49B	Bypass thoracic aorta, descending to subclavian with autologous venous tissue, percutaneous endoscopic approach	02WY07Z	Revision of autologous tissue substitute in great vessel, open approach
021W49D	Bypass thoracic aorta, descending to carotid with autologous venous tissue, percutaneous endoscopic approach	02WY08Z	Revision of zooplastic tissue in great vessel, open approach
021W49P	Bypass thoracic aorta, descending to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach	02WY0CZ	Revision of extraluminal device in great vessel, open approach
021W49Q	Bypass thoracic aorta, descending to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02WY0DZ	Revision of intraluminal device in great vessel, open approach
021W49R	Bypass thoracic aorta, descending to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	02WY0JZ	Revision of synthetic substitute in great vessel, open approach
021W4AA	Bypass thoracic aorta, descending to innominate artery with autologous arterial tissue, percutaneous endoscopic approach	02WY0KZ	Revision of nonautologous tissue substitute in great vessel, open approach
021W4AB	Bypass thoracic aorta, descending to subclavian with autologous arterial tissue, percutaneous endoscopic approach	02WY0YZ	Revision of other device in great vessel, open approach
021W4AD	Bypass thoracic aorta, descending to carotid with autologous arterial tissue, percutaneous endoscopic approach	02WY3CZ	Revision of extraluminal device in great vessel, percutaneous approach
021W4AP	Bypass thoracic aorta, descending to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach	02WY42Z	Revision of monitoring device in great vessel, percutaneous endoscopic approach
021W4AQ	Bypass thoracic aorta, descending to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02WY43Z	Revision of infusion device in great vessel, percutaneous endoscopic approach

021W4AR	Bypass thoracic aorta, descending to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	02WY47Z	Revision of autologous tissue substitute in great vessel, percutaneous endoscopic approach
021W4JA	Bypass thoracic aorta, descending to innominate artery with synthetic substitute, percutaneous endoscopic approach	02WY48Z	Revision of zooplastic tissue in great vessel, percutaneous endoscopic approach
021W4JB	Bypass thoracic aorta, descending to subclavian with synthetic substitute, percutaneous endoscopic approach	02WY4CZ	Revision of extraluminal device in great vessel, percutaneous endoscopic approach
021W4JD	Bypass thoracic aorta, descending to carotid with synthetic substitute, percutaneous endoscopic approach	02WY4DZ	Revision of intraluminal device in great vessel, percutaneous endoscopic approach
021W4JP	Bypass thoracic aorta, descending to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach	02WY4JZ	Revision of synthetic substitute in great vessel, percutaneous endoscopic approach
021W4JQ	Bypass thoracic aorta, descending to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02WY4KZ	Revision of nonautologous tissue substitute in great vessel, percutaneous endoscopic approach
021W4JR	Bypass thoracic aorta, descending to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach	02WY4YZ	Revision of other device in great vessel, percutaneous endoscopic approach
021W4KA	Bypass thoracic aorta, descending to innominate artery with nonautologous tissue substitute, percutaneous endoscopic approach	02YA0Z0	Transplantation of heart, allogeneic, open approach
021W4KB	Bypass thoracic aorta, descending to subclavian with nonautologous tissue substitute, percutaneous endoscopic approach	02YA0Z1	Transplantation of heart, syngeneic, open approach
021W4KD	Bypass thoracic aorta, descending to carotid with nonautologous tissue substitute, percutaneous endoscopic approach	02YA0Z2	Transplantation of heart, zooplastic, open approach
021W4KP	Bypass thoracic aorta, descending to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach	031309M	Bypass right subclavian artery to right pulmonary artery with autologous venous tissue, open approach

021W4KQ	Bypass thoracic aorta, descending to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	031309N	Bypass right subclavian artery to left pulmonary artery with autologous venous tissue, open approach
021W4KR	Bypass thoracic aorta, descending to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	03130AM	Bypass right subclavian artery to right pulmonary artery with autologous arterial tissue, open approach
021W4ZA	Bypass thoracic aorta, descending to innominate artery, percutaneous endoscopic approach	03130AN	Bypass right subclavian artery to left pulmonary artery with autologous arterial tissue, open approach
021W4ZB	Bypass thoracic aorta, descending to subclavian, percutaneous endoscopic approach	03130JM	Bypass right subclavian artery to right pulmonary artery with synthetic substitute, open approach
021W4ZD	Bypass thoracic aorta, descending to carotid, percutaneous endoscopic approach	03130JN	Bypass right subclavian artery to left pulmonary artery with synthetic substitute, open approach
021W4ZP	Bypass thoracic aorta, descending to pulmonary trunk, percutaneous endoscopic approach	03130KM	Bypass right subclavian artery to right pulmonary artery with nonautologous tissue substitute, open approach
021W4ZQ	Bypass thoracic aorta, descending to right pulmonary artery, percutaneous endoscopic approach	03130KN	Bypass right subclavian artery to left pulmonary artery with nonautologous tissue substitute, open approach
021W4ZR	Bypass thoracic aorta, descending to left pulmonary artery, percutaneous endoscopic approach	03130ZM	Bypass right subclavian artery to right pulmonary artery, open approach
021X08A	Bypass thoracic aorta, ascending/arch to innominate artery with zooplastic tissue, open approach	03130ZN	Bypass right subclavian artery to left pulmonary artery, open approach
021X08B	Bypass thoracic aorta, ascending/arch to subclavian with zooplastic tissue, open approach	031409M	Bypass left subclavian artery to right pulmonary artery with autologous venous tissue, open approach
021X08D	Bypass thoracic aorta, ascending/arch to carotid with zooplastic tissue, open approach	031409N	Bypass left subclavian artery to left pulmonary artery with autologous venous tissue, open approach
021X08P	Bypass thoracic aorta, ascending/arch to pulmonary trunk with zooplastic tissue, open approach	03140AM	Bypass left subclavian artery to right pulmonary artery with autologous arterial tissue, open approach
021X08Q	Bypass thoracic aorta, ascending/arch to right pulmonary artery with zooplastic tissue, open approach	03140AN	Bypass left subclavian artery to left pulmonary artery with autologous arterial tissue, open approach

021X08R	Bypass thoracic aorta, ascending/arch to left pulmonary artery with zooplastic tissue, open approach	03140JM	Bypass left subclavian artery to right pulmonary artery with synthetic substitute, open approach
021X09A	Bypass thoracic aorta, ascending/arch to innominate artery with autologous venous tissue, open approach	03140JN	Bypass left subclavian artery to left pulmonary artery with synthetic substitute, open approach
021X09B	Bypass thoracic aorta, ascending/arch to subclavian with autologous venous tissue, open approach	03140KM	Bypass left subclavian artery to right pulmonary artery with nonautologous tissue substitute, open approach
021X09D	Bypass thoracic aorta, ascending/arch to carotid with autologous venous tissue, open approach	03140KN	Bypass left subclavian artery to left pulmonary artery with nonautologous tissue substitute, open approach
021X09P	Bypass thoracic aorta, ascending/arch to pulmonary trunk with autologous venous tissue, open approach	03140ZM	Bypass left subclavian artery to right pulmonary artery, open approach
021X09Q	Bypass thoracic aorta, ascending/arch to right pulmonary artery with autologous venous tissue, open approach	03140ZN	Bypass left subclavian artery to left pulmonary artery, open approach
021X09R	Bypass thoracic aorta, ascending/arch to left pulmonary artery with autologous venous tissue, open approach	031509V	Bypass right axillary artery to superior vena cava with autologous venous tissue, open approach
021X0AA	Bypass thoracic aorta, ascending/arch to innominate artery with autologous arterial tissue, open approach	03150AV	Bypass right axillary artery to superior vena cava with autologous arterial tissue, open approach
021X0AB	Bypass thoracic aorta, ascending/arch to subclavian with autologous arterial tissue, open approach	03150JV	Bypass right axillary artery to superior vena cava with synthetic substitute, open approach
021X0AD	Bypass thoracic aorta, ascending/arch to carotid with autologous arterial tissue, open approach	03150KV	Bypass right axillary artery to superior vena cava with nonautologous tissue substitute, open approach
021X0AP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with autologous arterial tissue, open approach	03150ZV	Bypass right axillary artery to superior vena cava, open approach

021X0AQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with autologous arterial tissue, open approach	031609V	Bypass left axillary artery to superior vena cava with autologous venous tissue, open approach
021X0AR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with autologous arterial tissue, open approach	03160AV	Bypass left axillary artery to superior vena cava with autologous arterial tissue, open approach
021X0JA	Bypass thoracic aorta, ascending/arch to innominate artery with synthetic substitute, open approach	03160JV	Bypass left axillary artery to superior vena cava with synthetic substitute, open approach
021X0JB	Bypass thoracic aorta, ascending/arch to subclavian with synthetic substitute, open approach	03160KV	Bypass left axillary artery to superior vena cava with nonautologous tissue substitute, open approach
021X0JD	Bypass thoracic aorta, ascending/arch to carotid with synthetic substitute, open approach	03160ZV	Bypass left axillary artery to superior vena cava, open approach
021X0JP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with synthetic substitute, open approach	031709V	Bypass right brachial artery to superior vena cava with autologous venous tissue, open approach
021X0JQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with synthetic substitute, open approach	03170AV	Bypass right brachial artery to superior vena cava with autologous arterial tissue, open approach
021X0JR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with synthetic substitute, open approach	03170JV	Bypass right brachial artery to superior vena cava with synthetic substitute, open approach
021X0KA	Bypass thoracic aorta, ascending/arch to innominate artery with nonautologous tissue substitute, open approach	03170KV	Bypass right brachial artery to superior vena cava with nonautologous tissue substitute, open approach
021X0KB	Bypass thoracic aorta, ascending/arch to subclavian with nonautologous tissue substitute, open approach	03170ZV	Bypass right brachial artery to superior vena cava, open approach
021X0KD	Bypass thoracic aorta, ascending/arch to carotid with nonautologous tissue substitute, open approach	031809V	Bypass left brachial artery to superior vena cava with autologous venous tissue, open approach

021X0KP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with nonautologous tissue substitute, open approach	03180AV	Bypass left brachial artery to superior vena cava with autologous arterial tissue, open approach
021X0KQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with nonautologous tissue substitute, open approach	03180JV	Bypass left brachial artery to superior vena cava with synthetic substitute, open approach
021X0KR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with nonautologous tissue substitute, open approach	03180KV	Bypass left brachial artery to superior vena cava with nonautologous tissue substitute, open approach
021X0ZA	Bypass thoracic aorta, ascending/arch to innominate artery, open approach	03180ZV	Bypass left brachial artery to superior vena cava, open approach
021X0ZB	Bypass thoracic aorta, ascending/arch to subclavian, open approach	031H09J	Bypass right common carotid artery to right extracranial artery with autologous venous tissue, open approach
021X0ZD	Bypass thoracic aorta, ascending/arch to carotid, open approach	031H09K	Bypass right common carotid artery to left extracranial artery with autologous venous tissue, open approach
021X0ZP	Bypass thoracic aorta, ascending/arch to pulmonary trunk, open approach	031H09Y	Bypass right common carotid artery to upper artery with autologous venous tissue, open approach
021X0ZQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery, open approach	031H0AJ	Bypass right common carotid artery to right extracranial artery with autologous arterial tissue, open approach
021X0ZR	Bypass thoracic aorta, ascending/arch to left pulmonary artery, open approach	031H0AK	Bypass right common carotid artery to left extracranial artery with autologous arterial tissue, open approach
021X48A	Bypass thoracic aorta, ascending/arch to innominate artery with zooplastic tissue, percutaneous endoscopic approach	031H0AY	Bypass right common carotid artery to upper artery with autologous arterial tissue, open approach
021X48B	Bypass thoracic aorta, ascending/arch to subclavian with zooplastic tissue, percutaneous endoscopic approach	031H0JJ	Bypass right common carotid artery to right extracranial artery with synthetic substitute, open approach

021X48D	Bypass thoracic aorta, ascending/arch to carotid with zooplastic tissue, percutaneous endoscopic approach	031H0JK	Bypass right common carotid artery to left extracranial artery with synthetic substitute, open approach
021X48P	Bypass thoracic aorta, ascending/arch to pulmonary trunk with zooplastic tissue, percutaneous endoscopic approach	031H0JY	Bypass right common carotid artery to upper artery with synthetic substitute, open approach
021X48Q	Bypass thoracic aorta, ascending/arch to right pulmonary artery with zooplastic tissue, percutaneous endoscopic approach	031H0KJ	Bypass right common carotid artery to right extracranial artery with nonautologous tissue substitute, open approach
021X48R	Bypass thoracic aorta, ascending/arch to left pulmonary artery with zooplastic tissue, percutaneous endoscopic approach	031H0KK	Bypass right common carotid artery to left extracranial artery with nonautologous tissue substitute, open approach
021X49A	Bypass thoracic aorta, ascending/arch to innominate artery with autologous venous tissue, percutaneous endoscopic approach	031H0KY	Bypass right common carotid artery to upper artery with nonautologous tissue substitute, open approach
021X49B	Bypass thoracic aorta, ascending/arch to subclavian with autologous venous tissue, percutaneous endoscopic approach	031H0ZJ	Bypass right common carotid artery to right extracranial artery, open approach
021X49D	Bypass thoracic aorta, ascending/arch to carotid with autologous venous tissue, percutaneous endoscopic approach	031H0ZK	Bypass right common carotid artery to left extracranial artery, open approach
021X49P	Bypass thoracic aorta, ascending/arch to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach	031H0ZY	Bypass right common carotid artery to upper artery, open approach
021X49Q	Bypass thoracic aorta, ascending/arch to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	031J09J	Bypass left common carotid artery to right extracranial artery with autologous venous tissue, open approach
021X49R	Bypass thoracic aorta, ascending/arch to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach	031J09K	Bypass left common carotid artery to left extracranial artery with autologous venous tissue, open approach
021X4AA	Bypass thoracic aorta, ascending/arch to innominate artery with autologous arterial tissue, percutaneous endoscopic approach	031J09Y	Bypass left common carotid artery to upper artery with autologous venous tissue, open approach

021X4AB	Bypass thoracic aorta, ascending/arch to subclavian with autologous arterial tissue, percutaneous endoscopic approach	031J0AJ	Bypass left common carotid artery to right extracranial artery with autologous arterial tissue, open approach
021X4AD	Bypass thoracic aorta, ascending/arch to carotid with autologous arterial tissue, percutaneous endoscopic approach	031J0AK	Bypass left common carotid artery to left extracranial artery with autologous arterial tissue, open approach
021X4AP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach	031J0AY	Bypass left common carotid artery to upper artery with autologous arterial tissue, open approach
021X4AQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	031J0JJ	Bypass left common carotid artery to right extracranial artery with synthetic substitute, open approach
021X4AR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach	031J0JK	Bypass left common carotid artery to left extracranial artery with synthetic substitute, open approach
021X4JA	Bypass thoracic aorta, ascending/arch to innominate artery with synthetic substitute, percutaneous endoscopic approach	031J0JY	Bypass left common carotid artery to upper artery with synthetic substitute, open approach
021X4JB	Bypass thoracic aorta, ascending/arch to subclavian with synthetic substitute, percutaneous endoscopic approach	031J0KJ	Bypass left common carotid artery to right extracranial artery with nonautologous tissue substitute, open approach
021X4JD	Bypass thoracic aorta, ascending/arch to carotid with synthetic substitute, percutaneous endoscopic approach	031J0KK	Bypass left common carotid artery to left extracranial artery with nonautologous tissue substitute, open approach
021X4JP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach	031J0KY	Bypass left common carotid artery to upper artery with nonautologous tissue substitute, open approach
021X4JQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach	031J0ZJ	Bypass left common carotid artery to right extracranial artery, open approach
021X4JR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach	031J0ZK	Bypass left common carotid artery to left extracranial artery, open approach

021X4KA	Bypass thoracic aorta, ascending/arch to innominate artery with nonautologous tissue substitute, percutaneous endoscopic approach	031J0ZY	Bypass left common carotid artery to upper artery, open approach
021X4KB	Bypass thoracic aorta, ascending/arch to subclavian with nonautologous tissue substitute, percutaneous endoscopic approach	03500ZZ	Destruction of right internal mammary artery, open approach
021X4KD	Bypass thoracic aorta, ascending/arch to carotid with nonautologous tissue substitute, percutaneous endoscopic approach	03503ZZ	Destruction of right internal mammary artery, percutaneous approach
021X4KP	Bypass thoracic aorta, ascending/arch to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach	03504ZZ	Destruction of right internal mammary artery, percutaneous endoscopic approach
021X4KQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	03510ZZ	Destruction of left internal mammary artery, open approach
021X4KR	Bypass thoracic aorta, ascending/arch to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach	03513ZZ	Destruction of left internal mammary artery, percutaneous approach
021X4ZA	Bypass thoracic aorta, ascending/arch to innominate artery, percutaneous endoscopic approach	03514ZZ	Destruction of left internal mammary artery, percutaneous endoscopic approach
021X4ZB	Bypass thoracic aorta, ascending/arch to subclavian, percutaneous endoscopic approach	03520ZZ	Destruction of innominate artery, open approach
021X4ZD	Bypass thoracic aorta, ascending/arch to carotid, percutaneous endoscopic approach	03524ZZ	Destruction of innominate artery, percutaneous endoscopic approach
021X4ZP	Bypass thoracic aorta, ascending/arch to pulmonary trunk, percutaneous endoscopic approach	03530ZZ	Destruction of right subclavian artery, open approach
021X4ZQ	Bypass thoracic aorta, ascending/arch to right pulmonary artery, percutaneous endoscopic approach	03534ZZ	Destruction of right subclavian artery, percutaneous endoscopic approach

021X4ZR	Bypass thoracic aorta, ascending/arch to left pulmonary artery, percutaneous endoscopic approach	03540ZZ	Destruction of left subclavian artery, open approach
024F07J	Creation of aortic valve from truncal valve using autologous tissue substitute, open approach	03544ZZ	Destruction of left subclavian artery, percutaneous endoscopic approach
024F08J	Creation of aortic valve from truncal valve using zooplastic tissue, open approach	03B00ZZ	Excision of right internal mammary artery, open approach
024F0JJ	Creation of aortic valve from truncal valve using synthetic substitute, open approach	03B03ZZ	Excision of right internal mammary artery, percutaneous approach
024F0KJ	Creation of aortic valve from truncal valve using nonautologous tissue substitute, open approach	03B04ZZ	Excision of right internal mammary artery, percutaneous endoscopic approach
024G072	Creation of mitral valve from common atrioventricular valve using autologous tissue substitute, open approach	03B10ZZ	Excision of left internal mammary artery, open approach
024G082	Creation of mitral valve from common atrioventricular valve using zooplastic tissue, open approach	03B13ZZ	Excision of left internal mammary artery, percutaneous approach
024G0J2	Creation of mitral valve from common atrioventricular valve using synthetic substitute, open approach	03B14ZZ	Excision of left internal mammary artery, percutaneous endoscopic approach
024G0K2	Creation of mitral valve from common atrioventricular valve using nonautologous tissue substitute, open approach	03B20ZZ	Excision of innominate artery, open approach
024J072	Creation of tricuspid valve from common atrioventricular valve using autologous tissue substitute, open approach	03B24ZZ	Excision of innominate artery, percutaneous endoscopic approach
024J082	Creation of tricuspid valve from common atrioventricular valve using zooplastic tissue, open approach	03B30ZZ	Excision of right subclavian artery, open approach
024J0J2	Creation of tricuspid valve from common atrioventricular valve using synthetic substitute, open approach	03B34ZZ	Excision of right subclavian artery, percutaneous endoscopic approach
024J0K2	Creation of tricuspid valve from common atrioventricular valve using nonautologous tissue substitute, open approach	03B40ZZ	Excision of left subclavian artery, open approach

02540ZZ	Destruction of coronary vein, open approach
02544ZZ	Destruction of coronary vein, percutaneous endoscopic approach
02550ZZ	Destruction of atrial septum, open approach
02554ZZ	Destruction of atrial septum, percutaneous endoscopic approach
02560ZZ	Destruction of right atrium, open approach
02564ZZ	Destruction of right atrium, percutaneous endoscopic approach
02570ZK	Destruction of left atrial appendage, open approach
02570ZZ	Destruction of left atrium, open approach
02574ZK	Destruction of left atrial appendage, percutaneous endoscopic approach
02574ZZ	Destruction of left atrium, percutaneous endoscopic approach
02580ZZ	Destruction of conduction mechanism, open approach
02584ZZ	Destruction of conduction mechanism, percutaneous endoscopic approach
02590ZZ	Destruction of chordae tendineae, open approach
02594ZZ	Destruction of chordae tendineae, percutaneous endoscopic approach
025D0ZZ	Destruction of papillary muscle, open approach
025D4ZZ	Destruction of papillary muscle, percutaneous endoscopic approach
03B44ZZ	Excision of left subclavian artery, percutaneous endoscopic approach
03C00Z6	Extirpation of matter from right internal mammary artery, bifurcation, open approach
03C00ZZ	Extirpation of matter from right internal mammary artery, open approach
03C04Z6	Extirpation of matter from right internal mammary artery, bifurcation, percutaneous endoscopic approach
03C04ZZ	Extirpation of matter from right internal mammary artery, percutaneous endoscopic approach
03C10Z6	Extirpation of matter from left internal mammary artery, bifurcation, open approach
03C10ZZ	Extirpation of matter from left internal mammary artery, open approach
03C14Z6	Extirpation of matter from left internal mammary artery, bifurcation, percutaneous endoscopic approach
03C14ZZ	Extirpation of matter from left internal mammary artery, percutaneous endoscopic approach
03C20Z6	Extirpation of matter from innominate artery, bifurcation, open approach
03C20ZZ	Extirpation of matter from innominate artery, open approach
03C24Z6	Extirpation of matter from innominate artery, bifurcation, percutaneous endoscopic approach
03C24ZZ	Extirpation of matter from innominate artery, percutaneous endoscopic approach
03C30Z6	Extirpation of matter from right subclavian artery, bifurcation, open approach
03C30ZZ	Extirpation of matter from right subclavian artery, open approach
03C34Z6	Extirpation of matter from right subclavian artery, bifurcation, percutaneous endoscopic approach

025F0ZZ	Destruction of aortic valve, open approach
025F4ZZ	Destruction of aortic valve, percutaneous endoscopic approach
025G0ZZ	Destruction of mitral valve, open approach
025G4ZZ	Destruction of mitral valve, percutaneous endoscopic approach
025H0ZZ	Destruction of pulmonary valve, open approach
025H4ZZ	Destruction of pulmonary valve, percutaneous endoscopic approach
025J0ZZ	Destruction of tricuspid valve, open approach
025J4ZZ	Destruction of tricuspid valve, percutaneous endoscopic approach
025K0ZZ	Destruction of right ventricle, open approach
025K4ZZ	Destruction of right ventricle, percutaneous endoscopic approach
025L0ZZ	Destruction of left ventricle, open approach
025L4ZZ	Destruction of left ventricle, percutaneous endoscopic approach
025M0ZZ	Destruction of ventricular septum, open approach
025M4ZZ	Destruction of ventricular septum, percutaneous endoscopic approach
025N0ZZ	Destruction of pericardium, open approach
025N3ZZ	Destruction of pericardium, percutaneous approach
03C34ZZ	Extirpation of matter from right subclavian artery, percutaneous endoscopic approach
03C40Z6	Extirpation of matter from left subclavian artery, bifurcation, open approach
03C40ZZ	Extirpation of matter from left subclavian artery, open approach
03C44Z6	Extirpation of matter from left subclavian artery, bifurcation, percutaneous endoscopic approach
03C44ZZ	Extirpation of matter from left subclavian artery, percutaneous endoscopic approach
03L00CZ	Occlusion of right internal mammary artery with extraluminal device, open approach
03L00DZ	Occlusion of right internal mammary artery with intraluminal device, open approach
03L00ZZ	Occlusion of right internal mammary artery, open approach
03L03CZ	Occlusion of right internal mammary artery with extraluminal device, percutaneous approach
03L04CZ	Occlusion of right internal mammary artery with extraluminal device, percutaneous endoscopic approach
03L04DZ	Occlusion of right internal mammary artery with intraluminal device, percutaneous endoscopic approach
03L04ZZ	Occlusion of right internal mammary artery, percutaneous endoscopic approach
03L10CZ	Occlusion of left internal mammary artery with extraluminal device, open approach
03L10DZ	Occlusion of left internal mammary artery with intraluminal device, open approach
03L10ZZ	Occlusion of left internal mammary artery, open approach
03L13CZ	Occlusion of left internal mammary artery with extraluminal device, percutaneous approach

025N4ZZ	Destruction of pericardium, percutaneous endoscopic approach
025P0ZZ	Destruction of pulmonary trunk, open approach
025P4ZZ	Destruction of pulmonary trunk, percutaneous endoscopic approach
025Q0ZZ	Destruction of right pulmonary artery, open approach
025Q4ZZ	Destruction of right pulmonary artery, percutaneous endoscopic approach
025R0ZZ	Destruction of left pulmonary artery, open approach
025R4ZZ	Destruction of left pulmonary artery, percutaneous endoscopic approach
025S0ZZ	Destruction of right pulmonary vein, open approach
025S4ZZ	Destruction of right pulmonary vein, percutaneous endoscopic approach
025T0ZZ	Destruction of left pulmonary vein, open approach
025T4ZZ	Destruction of left pulmonary vein, percutaneous endoscopic approach
025V0ZZ	Destruction of superior vena cava, open approach
025V4ZZ	Destruction of superior vena cava, percutaneous endoscopic approach
025W0ZZ	Destruction of thoracic aorta, descending, open approach
025W4ZZ	Destruction of thoracic aorta, descending, percutaneous endoscopic approach
025X0ZZ	Destruction of thoracic aorta, ascending/arch, open approach

03L14CZ	Occlusion of left internal mammary artery with extraluminal device, percutaneous endoscopic approach
03L14DZ	Occlusion of left internal mammary artery with intraluminal device, percutaneous endoscopic approach
03L14ZZ	Occlusion of left internal mammary artery, percutaneous endoscopic approach
03L20CZ	Occlusion of innominate artery with extraluminal device, open approach
03L20DZ	Occlusion of innominate artery with intraluminal device, open approach
03L20ZZ	Occlusion of innominate artery, open approach
03L23CZ	Occlusion of innominate artery with extraluminal device, percutaneous approach
03L24CZ	Occlusion of innominate artery with extraluminal device, percutaneous endoscopic approach
03L24DZ	Occlusion of innominate artery with intraluminal device, percutaneous endoscopic approach
03L24ZZ	Occlusion of innominate artery, percutaneous endoscopic approach
03L30CZ	Occlusion of right subclavian artery with extraluminal device, open approach
03L30DZ	Occlusion of right subclavian artery with intraluminal device, open approach
03L30ZZ	Occlusion of right subclavian artery, open approach
03L33CZ	Occlusion of right subclavian artery with extraluminal device, percutaneous approach
03L34CZ	Occlusion of right subclavian artery with extraluminal device, percutaneous endoscopic approach
03L34DZ	Occlusion of right subclavian artery with intraluminal device, percutaneous endoscopic approach

025X4ZZ	Destruction of thoracic aorta, ascending/arch, percutaneous endoscopic approach
0270046	Dilation of coronary artery, one artery, bifurcation, with drug-eluting intraluminal device, open approach
027004Z	Dilation of coronary artery, one artery with drug-eluting intraluminal device, open approach
0270056	Dilation of coronary artery, one artery, bifurcation, with two drug-eluting intraluminal devices, open approach
027005Z	Dilation of coronary artery, one artery with two drug-eluting intraluminal devices, open approach
0270066	Dilation of coronary artery, one artery, bifurcation, with three drug-eluting intraluminal devices, open approach
027006Z	Dilation of coronary artery, one artery with three drug-eluting intraluminal devices, open approach
0270076	Dilation of coronary artery, one artery, bifurcation, with four or more drug-eluting intraluminal devices, open approach
027007Z	Dilation of coronary artery, one artery with four or more drug-eluting intraluminal devices, open approach
02700D6	Dilation of coronary artery, one artery, bifurcation, with intraluminal device, open approach
02700DZ	Dilation of coronary artery, one artery with intraluminal device, open approach
02700E6	Dilation of coronary artery, one artery, bifurcation, with two intraluminal devices, open approach
02700EZ	Dilation of coronary artery, one artery with two intraluminal devices, open approach
03L34ZZ	Occlusion of right subclavian artery, percutaneous endoscopic approach
03L40CZ	Occlusion of left subclavian artery with extraluminal device, open approach
03L40DZ	Occlusion of left subclavian artery with intraluminal device, open approach
03L40ZZ	Occlusion of left subclavian artery, open approach
03L43CZ	Occlusion of left subclavian artery with extraluminal device, percutaneous approach
03L44CZ	Occlusion of left subclavian artery with extraluminal device, percutaneous endoscopic approach
03L44DZ	Occlusion of left subclavian artery with intraluminal device, percutaneous endoscopic approach
03L44ZZ	Occlusion of left subclavian artery, percutaneous endoscopic approach
03R007Z	Replacement of right internal mammary artery with autologous tissue substitute, open approach
03R00JZ	Replacement of right internal mammary artery with synthetic substitute, open approach
03R00KZ	Replacement of right internal mammary artery with nonautologous tissue substitute, open approach
03R047Z	Replacement of right internal mammary artery with autologous tissue substitute, percutaneous endoscopic approach
03R04JZ	Replacement of right internal mammary artery with synthetic substitute, percutaneous endoscopic approach

02700F6	Dilation of coronary artery, one artery, bifurcation, with three intraluminal devices, open approach	03R04KZ	Replacement of right internal mammary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02700FZ	Dilation of coronary artery, one artery with three intraluminal devices, open approach	03R107Z	Replacement of left internal mammary artery with autologous tissue substitute, open approach
02700G6	Dilation of coronary artery, one artery, bifurcation, with four or more intraluminal devices, open approach	03R10JZ	Replacement of left internal mammary artery with synthetic substitute, open approach
02700GZ	Dilation of coronary artery, one artery with four or more intraluminal devices, open approach	03R10KZ	Replacement of left internal mammary artery with nonautologous tissue substitute, open approach
02700T6	Dilation of coronary artery, one artery, bifurcation, with radioactive intraluminal device, open approach	03R147Z	Replacement of left internal mammary artery with autologous tissue substitute, percutaneous endoscopic approach
02700TZ	Dilation of coronary artery, one artery with radioactive intraluminal device, open approach	03R14JZ	Replacement of left internal mammary artery with synthetic substitute, percutaneous endoscopic approach
02700Z6	Dilation of coronary artery, one artery, bifurcation, open approach	03R14KZ	Replacement of left internal mammary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02700ZZ	Dilation of coronary artery, one artery, open approach	03R207Z	Replacement of innominate artery with autologous tissue substitute, open approach
0271046	Dilation of coronary artery, two arteries, bifurcation, with drug-eluting intraluminal device, open approach	03R20JZ	Replacement of innominate artery with synthetic substitute, open approach
027104Z	Dilation of coronary artery, two arteries with drug-eluting intraluminal device, open approach	03R20KZ	Replacement of innominate artery with nonautologous tissue substitute, open approach
0271056	Dilation of coronary artery, two arteries, bifurcation, with two drug-eluting intraluminal devices, open approach	03R247Z	Replacement of innominate artery with autologous tissue substitute, percutaneous endoscopic approach
027105Z	Dilation of coronary artery, two arteries with two drug-eluting intraluminal devices, open approach	03R24JZ	Replacement of innominate artery with synthetic substitute, percutaneous endoscopic approach
0271066	Dilation of coronary artery, two arteries, bifurcation, with three drug-eluting intraluminal devices, open approach	03R24KZ	Replacement of innominate artery with nonautologous tissue substitute, percutaneous endoscopic approach

027106Z	Dilation of coronary artery, two arteries with three drug-eluting intraluminal devices, open approach	03R307Z	Replacement of right subclavian artery with autologous tissue substitute, open approach
0271076	Dilation of coronary artery, two arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach	03R30JZ	Replacement of right subclavian artery with synthetic substitute, open approach
027107Z	Dilation of coronary artery, two arteries with four or more drug-eluting intraluminal devices, open approach	03R30KZ	Replacement of right subclavian artery with nonautologous tissue substitute, open approach
02710D6	Dilation of coronary artery, two arteries, bifurcation, with intraluminal device, open approach	03R347Z	Replacement of right subclavian artery with autologous tissue substitute, percutaneous endoscopic approach
02710DZ	Dilation of coronary artery, two arteries with intraluminal device, open approach	03R34JZ	Replacement of right subclavian artery with synthetic substitute, percutaneous endoscopic approach
02710E6	Dilation of coronary artery, two arteries, bifurcation, with two intraluminal devices, open approach	03R34KZ	Replacement of right subclavian artery with nonautologous tissue substitute, percutaneous endoscopic approach
02710EZ	Dilation of coronary artery, two arteries with two intraluminal devices, open approach	03R407Z	Replacement of left subclavian artery with autologous tissue substitute, open approach
02710F6	Dilation of coronary artery, two arteries, bifurcation, with three intraluminal devices, open approach	03R40JZ	Replacement of left subclavian artery with synthetic substitute, open approach
02710FZ	Dilation of coronary artery, two arteries with three intraluminal devices, open approach	03R40KZ	Replacement of left subclavian artery with nonautologous tissue substitute, open approach
02710G6	Dilation of coronary artery, two arteries, bifurcation, with four or more intraluminal devices, open approach	03R447Z	Replacement of left subclavian artery with autologous tissue substitute, percutaneous endoscopic approach
02710GZ	Dilation of coronary artery, two arteries with four or more intraluminal devices, open approach	03R44JZ	Replacement of left subclavian artery with synthetic substitute, percutaneous endoscopic approach
02710T6	Dilation of coronary artery, two arteries, bifurcation, with radioactive intraluminal device, open approach	03R44KZ	Replacement of left subclavian artery with nonautologous tissue substitute, percutaneous endoscopic approach
02710TZ	Dilation of coronary artery, two arteries with radioactive intraluminal device, open approach	04500ZZ	Destruction of abdominal aorta, open approach

02710Z6	Dilation of coronary artery, two arteries, bifurcation, open approach
02710ZZ	Dilation of coronary artery, two arteries, open approach
0272046	Dilation of coronary artery, three arteries, bifurcation, with drug-eluting intraluminal device, open approach
027204Z	Dilation of coronary artery, three arteries with drug-eluting intraluminal device, open approach
0272056	Dilation of coronary artery, three arteries, bifurcation, with two drug-eluting intraluminal devices, open approach
027205Z	Dilation of coronary artery, three arteries with two drug-eluting intraluminal devices, open approach
0272066	Dilation of coronary artery, three arteries, bifurcation, with three drug-eluting intraluminal devices, open approach
027206Z	Dilation of coronary artery, three arteries with three drug-eluting intraluminal devices, open approach
0272076	Dilation of coronary artery, three arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach
027207Z	Dilation of coronary artery, three arteries with four or more drug-eluting intraluminal devices, open approach
02720D6	Dilation of coronary artery, three arteries, bifurcation, with intraluminal device, open approach
02720DZ	Dilation of coronary artery, three arteries with intraluminal device, open approach
02720E6	Dilation of coronary artery, three arteries, bifurcation, with two intraluminal devices, open approach
02720EZ	Dilation of coronary artery, three arteries with two intraluminal devices, open approach

04504ZZ	Destruction of abdominal aorta, percutaneous endoscopic approach
04B00ZZ	Excision of abdominal aorta, open approach
04B04ZZ	Excision of abdominal aorta, percutaneous endoscopic approach
04C00Z6	Extirpation of matter from abdominal aorta, bifurcation, open approach
04C00ZZ	Extirpation of matter from abdominal aorta, open approach
04C04Z6	Extirpation of matter from abdominal aorta, bifurcation, percutaneous endoscopic approach
04C04ZZ	Extirpation of matter from abdominal aorta, percutaneous endoscopic approach
04L00CZ	Occlusion of abdominal aorta with extraluminal device, open approach
04L00DZ	Occlusion of abdominal aorta with intraluminal device, open approach
04L00ZZ	Occlusion of abdominal aorta, open approach
04L03CZ	Occlusion of abdominal aorta with extraluminal device, percutaneous approach
04L04CZ	Occlusion of abdominal aorta with extraluminal device, percutaneous endoscopic approach
04L04DZ	Occlusion of abdominal aorta with intraluminal device, percutaneous endoscopic approach
04L04ZZ	Occlusion of abdominal aorta, percutaneous endoscopic approach

02720F6	Dilation of coronary artery, three arteries, bifurcation, with three intraluminal devices, open approach
02720FZ	Dilation of coronary artery, three arteries with three intraluminal devices, open approach
02720G6	Dilation of coronary artery, three arteries, bifurcation, with four or more intraluminal devices, open approach
02720GZ	Dilation of coronary artery, three arteries with four or more intraluminal devices, open approach
02720T6	Dilation of coronary artery, three arteries, bifurcation, with radioactive intraluminal device, open approach
02720TZ	Dilation of coronary artery, three arteries with radioactive intraluminal device, open approach
02720Z6	Dilation of coronary artery, three arteries, bifurcation, open approach
02720ZZ	Dilation of coronary artery, three arteries, open approach
0273046	Dilation of coronary artery, four or more arteries, bifurcation, with drug-eluting intraluminal device, open approach
027304Z	Dilation of coronary artery, four or more arteries with drug-eluting intraluminal device, open approach
0273056	Dilation of coronary artery, four or more arteries, bifurcation, with two drug-eluting intraluminal devices, open approach
027305Z	Dilation of coronary artery, four or more arteries with two drug-eluting intraluminal devices, open approach
0273066	Dilation of coronary artery, four or more arteries, bifurcation, with three drug-eluting intraluminal devices, open approach

04R007Z	Replacement of abdominal aorta with autologous tissue substitute, open approach
04R00JZ	Replacement of abdominal aorta with synthetic substitute, open approach
04R00KZ	Replacement of abdominal aorta with nonautologous tissue substitute, open approach
04R047Z	Replacement of abdominal aorta with autologous tissue substitute, percutaneous endoscopic approach
04R04JZ	Replacement of abdominal aorta with synthetic substitute, percutaneous endoscopic approach
04R04KZ	Replacement of abdominal aorta with nonautologous tissue substitute, percutaneous endoscopic approach
051007Y	Bypass azygos vein to upper vein with autologous tissue substitute, open approach
051009Y	Bypass azygos vein to upper vein with autologous venous tissue, open approach
05100AY	Bypass azygos vein to upper vein with autologous arterial tissue, open approach
05100JY	Bypass azygos vein to upper vein with synthetic substitute, open approach
05100KY	Bypass azygos vein to upper vein with nonautologous tissue substitute, open approach
05100ZY	Bypass azygos vein to upper vein, open approach
051047Y	Bypass azygos vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach

027306Z	Dilation of coronary artery, four or more arteries with three drug-eluting intraluminal devices, open approach	051049Y	Bypass azygos vein to upper vein with autologous venous tissue, percutaneous endoscopic approach
0273076	Dilation of coronary artery, four or more arteries, bifurcation, with four or more drug-eluting intraluminal devices, open approach	05104AY	Bypass azygos vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
027307Z	Dilation of coronary artery, four or more arteries with four or more drug-eluting intraluminal devices, open approach	05104JY	Bypass azygos vein to upper vein with synthetic substitute, percutaneous endoscopic approach
02730D6	Dilation of coronary artery, four or more arteries, bifurcation, with intraluminal device, open approach	05104KY	Bypass azygos vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach
02730DZ	Dilation of coronary artery, four or more arteries with intraluminal device, open approach	05104ZY	Bypass azygos vein to upper vein, percutaneous endoscopic approach
02730E6	Dilation of coronary artery, four or more arteries, bifurcation, with two intraluminal devices, open approach	051107Y	Bypass hemiazygos vein to upper vein with autologous tissue substitute, open approach
02730EZ	Dilation of coronary artery, four or more arteries with two intraluminal devices, open approach	051109Y	Bypass hemiazygos vein to upper vein with autologous venous tissue, open approach
02730F6	Dilation of coronary artery, four or more arteries, bifurcation, with three intraluminal devices, open approach	05110AY	Bypass hemiazygos vein to upper vein with autologous arterial tissue, open approach
02730FZ	Dilation of coronary artery, four or more arteries with three intraluminal devices, open approach	05110JY	Bypass hemiazygos vein to upper vein with synthetic substitute, open approach
02730G6	Dilation of coronary artery, four or more arteries, bifurcation, with four or more intraluminal devices, open approach	05110KY	Bypass hemiazygos vein to upper vein with nonautologous tissue substitute, open approach
02730GZ	Dilation of coronary artery, four or more arteries with four or more intraluminal devices, open approach	05110ZY	Bypass hemiazygos vein to upper vein, open approach
02730T6	Dilation of coronary artery, four or more arteries, bifurcation, with radioactive intraluminal device, open approach	051147Y	Bypass hemiazygos vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach
02730TZ	Dilation of coronary artery, four or more arteries with radioactive intraluminal device, open approach	051149Y	Bypass hemiazygos vein to upper vein with autologous venous tissue, percutaneous endoscopic approach

02730Z6	Dilation of coronary artery, four or more arteries, bifurcation, open approach	05114AY	Bypass hemiazygos vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
02730ZZ	Dilation of coronary artery, four or more arteries, open approach	05114JY	Bypass hemiazygos vein to upper vein with synthetic substitute, percutaneous endoscopic approach
027F04Z	Dilation of aortic valve with drug-eluting intraluminal device, open approach	05114KY	Bypass hemiazygos vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach
027F0DZ	Dilation of aortic valve with intraluminal device, open approach	05114ZY	Bypass hemiazygos vein to upper vein, percutaneous endoscopic approach
027F0ZZ	Dilation of aortic valve, open approach	051307Y	Bypass right innominate vein to upper vein with autologous tissue substitute, open approach
027G04Z	Dilation of mitral valve with drug-eluting intraluminal device, open approach	051309Y	Bypass right innominate vein to upper vein with autologous venous tissue, open approach
027G0DZ	Dilation of mitral valve with intraluminal device, open approach	05130AY	Bypass right innominate vein to upper vein with autologous arterial tissue, open approach
027G0ZZ	Dilation of mitral valve, open approach	05130JY	Bypass right innominate vein to upper vein with synthetic substitute, open approach
027H04Z	Dilation of pulmonary valve with drug-eluting intraluminal device, open approach	05130KY	Bypass right innominate vein to upper vein with nonautologous tissue substitute, open approach
027H0DZ	Dilation of pulmonary valve with intraluminal device, open approach	05130ZY	Bypass right innominate vein to upper vein, open approach
027H0ZZ	Dilation of pulmonary valve, open approach	051347Y	Bypass right innominate vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach
027J04Z	Dilation of tricuspid valve with drug-eluting intraluminal device, open approach	051349Y	Bypass right innominate vein to upper vein with autologous venous tissue, percutaneous endoscopic approach
027J0DZ	Dilation of tricuspid valve with intraluminal device, open approach	05134AY	Bypass right innominate vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
027J0ZZ	Dilation of tricuspid valve, open approach	05134JY	Bypass right innominate vein to upper vein with synthetic substitute, percutaneous endoscopic approach
027K04Z	Dilation of right ventricle with drug-eluting intraluminal device, open approach	05134KY	Bypass right innominate vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach

027K0DZ	Dilation of right ventricle with intraluminal device, open approach	05134ZY	Bypass right innominate vein to upper vein, percutaneous endoscopic approach
027K0ZZ	Dilation of right ventricle, open approach	051407Y	Bypass left innominate vein to upper vein with autologous tissue substitute, open approach
027K44Z	Dilation of right ventricle with drug-eluting intraluminal device, percutaneous endoscopic approach	051409Y	Bypass left innominate vein to upper vein with autologous venous tissue, open approach
027K4DZ	Dilation of right ventricle with intraluminal device, percutaneous endoscopic approach	05140AY	Bypass left innominate vein to upper vein with autologous arterial tissue, open approach
027K4ZZ	Dilation of right ventricle, percutaneous endoscopic approach	05140JY	Bypass left innominate vein to upper vein with synthetic substitute, open approach
027L04Z	Dilation of left ventricle with drug-eluting intraluminal device, open approach	05140KY	Bypass left innominate vein to upper vein with nonautologous tissue substitute, open approach
027L0DZ	Dilation of left ventricle with intraluminal device, open approach	05140ZY	Bypass left innominate vein to upper vein, open approach
027L0ZZ	Dilation of left ventricle, open approach	051447Y	Bypass left innominate vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach
027L44Z	Dilation of left ventricle with drug-eluting intraluminal device, percutaneous endoscopic approach	051449Y	Bypass left innominate vein to upper vein with autologous venous tissue, percutaneous endoscopic approach
027L4DZ	Dilation of left ventricle with intraluminal device, percutaneous endoscopic approach	05144AY	Bypass left innominate vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
027L4ZZ	Dilation of left ventricle, percutaneous endoscopic approach	05144JY	Bypass left innominate vein to upper vein with synthetic substitute, percutaneous endoscopic approach
027R04T	Dilation of ductus arteriosus with drug-eluting intraluminal device, open approach	05144KY	Bypass left innominate vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach
027R0DT	Dilation of ductus arteriosus with intraluminal device, open approach	05144ZY	Bypass left innominate vein to upper vein, percutaneous endoscopic approach
027R0ZT	Dilation of ductus arteriosus, open approach	051507Y	Bypass right subclavian vein to upper vein with autologous tissue substitute, open approach
027R44T	Dilation of ductus arteriosus with drug-eluting intraluminal device, percutaneous endoscopic approach	051509Y	Bypass right subclavian vein to upper vein with autologous venous tissue, open approach

027R4DT	Dilation of ductus arteriosus with intraluminal device, percutaneous endoscopic approach	05150AY	Bypass right subclavian vein to upper vein with autologous arterial tissue, open approach
027R4ZT	Dilation of ductus arteriosus, percutaneous endoscopic approach	05150JY	Bypass right subclavian vein to upper vein with synthetic substitute, open approach
02890ZZ	Division of chordae tendineae, open approach	05150KY	Bypass right subclavian vein to upper vein with nonautologous tissue substitute, open approach
02894ZZ	Division of chordae tendineae, percutaneous endoscopic approach	05150ZY	Bypass right subclavian vein to upper vein, open approach
028D0ZZ	Division of papillary muscle, open approach	051547Y	Bypass right subclavian vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach
028D4ZZ	Division of papillary muscle, percutaneous endoscopic approach	051549Y	Bypass right subclavian vein to upper vein with autologous venous tissue, percutaneous endoscopic approach
02B40ZZ	Excision of coronary vein, open approach	05154AY	Bypass right subclavian vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
02B44ZZ	Excision of coronary vein, percutaneous endoscopic approach	05154JY	Bypass right subclavian vein to upper vein with synthetic substitute, percutaneous endoscopic approach
02B50ZZ	Excision of atrial septum, open approach	05154KY	Bypass right subclavian vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach
02B54ZZ	Excision of atrial septum, percutaneous endoscopic approach	05154ZY	Bypass right subclavian vein to upper vein, percutaneous endoscopic approach
02B60ZZ	Excision of right atrium, open approach	051607Y	Bypass left subclavian vein to upper vein with autologous tissue substitute, open approach
02B64ZZ	Excision of right atrium, percutaneous endoscopic approach	051609Y	Bypass left subclavian vein to upper vein with autologous venous tissue, open approach
02B70ZK	Excision of left atrial appendage, open approach	05160AY	Bypass left subclavian vein to upper vein with autologous arterial tissue, open approach
02B70ZZ	Excision of left atrium, open approach	05160JY	Bypass left subclavian vein to upper vein with synthetic substitute, open approach
02B74ZK	Excision of left atrial appendage, percutaneous endoscopic approach	05160KY	Bypass left subclavian vein to upper vein with nonautologous tissue substitute, open approach

02B74ZZ	Excision of left atrium, percutaneous endoscopic approach	05160ZY	Bypass left subclavian vein to upper vein, open approach
02B80ZZ	Excision of conduction mechanism, open approach	051647Y	Bypass left subclavian vein to upper vein with autologous tissue substitute, percutaneous endoscopic approach
02B84ZZ	Excision of conduction mechanism, percutaneous endoscopic approach	051649Y	Bypass left subclavian vein to upper vein with autologous venous tissue, percutaneous endoscopic approach
02B90ZZ	Excision of chordae tendineae, open approach	05164AY	Bypass left subclavian vein to upper vein with autologous arterial tissue, percutaneous endoscopic approach
02B94ZZ	Excision of chordae tendineae, percutaneous endoscopic approach	05164JY	Bypass left subclavian vein to upper vein with synthetic substitute, percutaneous endoscopic approach
02BD0ZZ	Excision of papillary muscle, open approach	05164KY	Bypass left subclavian vein to upper vein with nonautologous tissue substitute, percutaneous endoscopic approach
02BD4ZZ	Excision of papillary muscle, percutaneous endoscopic approach	05164ZY	Bypass left subclavian vein to upper vein, percutaneous endoscopic approach
02BF0ZZ	Excision of aortic valve, open approach	05500ZZ	Destruction of azygos vein, open approach
02BF4ZZ	Excision of aortic valve, percutaneous endoscopic approach	05504ZZ	Destruction of azygos vein, percutaneous endoscopic approach
02BG0ZZ	Excision of mitral valve, open approach	05510ZZ	Destruction of hemiazygos vein, open approach
02BG4ZZ	Excision of mitral valve, percutaneous endoscopic approach	05514ZZ	Destruction of hemiazygos vein, percutaneous endoscopic approach
02BH0ZZ	Excision of pulmonary valve, open approach	05530ZZ	Destruction of right innominate vein, open approach
02BH4ZZ	Excision of pulmonary valve, percutaneous endoscopic approach	05534ZZ	Destruction of right innominate vein, percutaneous endoscopic approach
02BJ0ZZ	Excision of tricuspid valve, open approach	05540ZZ	Destruction of left innominate vein, open approach
02BJ4ZZ	Excision of tricuspid valve, percutaneous endoscopic approach	05544ZZ	Destruction of left innominate vein, percutaneous endoscopic approach
02BK0ZZ	Excision of right ventricle, open approach	05550ZZ	Destruction of right subclavian vein, open approach
02BK4ZZ	Excision of right ventricle, percutaneous endoscopic approach	05554ZZ	Destruction of right subclavian vein, percutaneous endoscopic approach
02BL0ZZ	Excision of left ventricle, open approach	05560ZZ	Destruction of left subclavian vein, open approach
02BL4ZZ	Excision of left ventricle, percutaneous endoscopic approach	05564ZZ	Destruction of left subclavian vein, percutaneous endoscopic approach

02BM0ZZ	Excision of ventricular septum, open approach
02BM4ZZ	Excision of ventricular septum, percutaneous endoscopic approach
02BN0ZZ	Excision of pericardium, open approach
02BN3ZZ	Excision of pericardium, percutaneous approach
02BN4ZZ	Excision of pericardium, percutaneous endoscopic approach
02BP0ZZ	Excision of pulmonary trunk, open approach
02BP4ZZ	Excision of pulmonary trunk, percutaneous endoscopic approach
02BQ0ZZ	Excision of right pulmonary artery, open approach
02BQ4ZZ	Excision of right pulmonary artery, percutaneous endoscopic approach
02BR0ZZ	Excision of left pulmonary artery, open approach
02BR4ZZ	Excision of left pulmonary artery, percutaneous endoscopic approach
02BS0ZZ	Excision of right pulmonary vein, open approach
02BS4ZZ	Excision of right pulmonary vein, percutaneous endoscopic approach
02BT0ZZ	Excision of left pulmonary vein, open approach
02BT4ZZ	Excision of left pulmonary vein, percutaneous endoscopic approach
02BV0ZZ	Excision of superior vena cava, open approach
02BV4ZZ	Excision of superior vena cava, percutaneous endoscopic approach
02C00Z6	Extirpation of matter from coronary artery, one artery, bifurcation, open approach
02C00ZZ	Extirpation of matter from coronary artery, one artery, open approach
02C10Z6	Extirpation of matter from coronary artery, two arteries, bifurcation, open approach
05B00ZZ	Excision of azygos vein, open approach
05B04ZZ	Excision of azygos vein, percutaneous endoscopic approach
05B10ZZ	Excision of hemiazygos vein, open approach
05B14ZZ	Excision of hemiazygos vein, percutaneous endoscopic approach
05B30ZZ	Excision of right innominate vein, open approach
05B34ZZ	Excision of right innominate vein, percutaneous endoscopic approach
05B40ZZ	Excision of left innominate vein, open approach
05B44ZZ	Excision of left innominate vein, percutaneous endoscopic approach
05B50ZZ	Excision of right subclavian vein, open approach
05B54ZZ	Excision of right subclavian vein, percutaneous endoscopic approach
05B60ZZ	Excision of left subclavian vein, open approach
05B64ZZ	Excision of left subclavian vein, percutaneous endoscopic approach
05C00ZZ	Extirpation of matter from azygos vein, open approach
05C04ZZ	Extirpation of matter from azygos vein, percutaneous endoscopic approach
05C10ZZ	Extirpation of matter from hemiazygos vein, open approach
05C14ZZ	Extirpation of matter from hemiazygos vein, percutaneous endoscopic approach
05C30ZZ	Extirpation of matter from right innominate vein, open approach
05C34ZZ	Extirpation of matter from right innominate vein, percutaneous endoscopic approach
05C40ZZ	Extirpation of matter from left innominate vein, open approach
05C44ZZ	Extirpation of matter from left innominate vein, percutaneous endoscopic approach

02C10ZZ	Extirpation of matter from coronary artery, two arteries, open approach
02C20Z6	Extirpation of matter from coronary artery, three arteries, bifurcation, open approach
02C20ZZ	Extirpation of matter from coronary artery, three arteries, open approach
02C30Z6	Extirpation of matter from coronary artery, four or more arteries, bifurcation, open approach
02C30ZZ	Extirpation of matter from coronary artery, four or more arteries, open approach
02C40ZZ	Extirpation of matter from coronary vein, open approach
02C44ZZ	Extirpation of matter from coronary vein, percutaneous endoscopic approach
02C50ZZ	Extirpation of matter from atrial septum, open approach
02C54ZZ	Extirpation of matter from atrial septum, percutaneous endoscopic approach
02C60ZZ	Extirpation of matter from right atrium, open approach
02C64ZZ	Extirpation of matter from right atrium, percutaneous endoscopic approach
02C70ZZ	Extirpation of matter from left atrium, open approach
02C74ZZ	Extirpation of matter from left atrium, percutaneous endoscopic approach
02C80ZZ	Extirpation of matter from conduction mechanism, open approach
02C84ZZ	Extirpation of matter from conduction mechanism, percutaneous endoscopic approach
02C90ZZ	Extirpation of matter from chordae tendineae, open approach
05C50ZZ	Extirpation of matter from right subclavian vein, open approach
05C54ZZ	Extirpation of matter from right subclavian vein, percutaneous endoscopic approach
05C60ZZ	Extirpation of matter from left subclavian vein, open approach
05C64ZZ	Extirpation of matter from left subclavian vein, percutaneous endoscopic approach
05L00CZ	Occlusion of azygos vein with extraluminal device, open approach
05L00DZ	Occlusion of azygos vein with intraluminal device, open approach
05L00ZZ	Occlusion of azygos vein, open approach
05L03CZ	Occlusion of azygos vein with extraluminal device, percutaneous approach
05L04CZ	Occlusion of azygos vein with extraluminal device, percutaneous endoscopic approach
05L04DZ	Occlusion of azygos vein with intraluminal device, percutaneous endoscopic approach
05L04ZZ	Occlusion of azygos vein, percutaneous endoscopic approach
05L10CZ	Occlusion of hemiazygos vein with extraluminal device, open approach
05L10DZ	Occlusion of hemiazygos vein with intraluminal device, open approach
05L10ZZ	Occlusion of hemiazygos vein, open approach
05L13CZ	Occlusion of hemiazygos vein with extraluminal device, percutaneous approach
05L14CZ	Occlusion of hemiazygos vein with extraluminal device, percutaneous endoscopic approach

02C94ZZ	Extirpation of matter from chordae tendineae, percutaneous endoscopic approach
02CD0ZZ	Extirpation of matter from papillary muscle, open approach
02CD4ZZ	Extirpation of matter from papillary muscle, percutaneous endoscopic approach
02CF0ZZ	Extirpation of matter from aortic valve, open approach
02CG0ZZ	Extirpation of matter from mitral valve, open approach
02CH0ZZ	Extirpation of matter from pulmonary valve, open approach
02CJ0ZZ	Extirpation of matter from tricuspid valve, open approach
02CK0ZZ	Extirpation of matter from right ventricle, open approach
02CK4ZZ	Extirpation of matter from right ventricle, percutaneous endoscopic approach
02CL0ZZ	Extirpation of matter from left ventricle, open approach
02CL4ZZ	Extirpation of matter from left ventricle, percutaneous endoscopic approach
02CM0ZZ	Extirpation of matter from ventricular septum, open approach
02CM4ZZ	Extirpation of matter from ventricular septum, percutaneous endoscopic approach
02CN0ZZ	Extirpation of matter from pericardium, open approach
02CN3ZZ	Extirpation of matter from pericardium, percutaneous approach
02CN4ZZ	Extirpation of matter from pericardium, percutaneous endoscopic approach
05L14DZ	Occlusion of hemiazygos vein with intraluminal device, percutaneous endoscopic approach
05L14ZZ	Occlusion of hemiazygos vein, percutaneous endoscopic approach
05L30CZ	Occlusion of right innominate vein with extraluminal device, open approach
05L30DZ	Occlusion of right innominate vein with intraluminal device, open approach
05L30ZZ	Occlusion of right innominate vein, open approach
05L33CZ	Occlusion of right innominate vein with extraluminal device, percutaneous approach
05L34CZ	Occlusion of right innominate vein with extraluminal device, percutaneous endoscopic approach
05L34DZ	Occlusion of right innominate vein with intraluminal device, percutaneous endoscopic approach
05L34ZZ	Occlusion of right innominate vein, percutaneous endoscopic approach
05L40CZ	Occlusion of left innominate vein with extraluminal device, open approach
05L40DZ	Occlusion of left innominate vein with intraluminal device, open approach
05L40ZZ	Occlusion of left innominate vein, open approach
05L43CZ	Occlusion of left innominate vein with extraluminal device, percutaneous approach
05L44CZ	Occlusion of left innominate vein with extraluminal device, percutaneous endoscopic approach
05L44DZ	Occlusion of left innominate vein with intraluminal device, percutaneous endoscopic approach
05L44ZZ	Occlusion of left innominate vein, percutaneous endoscopic approach

02CP0ZZ	Extirpation of matter from pulmonary trunk, open approach
02CP4ZZ	Extirpation of matter from pulmonary trunk, percutaneous endoscopic approach
02CQ0ZZ	Extirpation of matter from right pulmonary artery, open approach
02CQ4ZZ	Extirpation of matter from right pulmonary artery, percutaneous endoscopic approach
02CR0ZZ	Extirpation of matter from left pulmonary artery, open approach
02CR4ZZ	Extirpation of matter from left pulmonary artery, percutaneous endoscopic approach
02CS0ZZ	Extirpation of matter from right pulmonary vein, open approach
02CS4ZZ	Extirpation of matter from right pulmonary vein, percutaneous endoscopic approach
02CT0ZZ	Extirpation of matter from left pulmonary vein, open approach
02CT4ZZ	Extirpation of matter from left pulmonary vein, percutaneous endoscopic approach
02CV0ZZ	Extirpation of matter from superior vena cava, open approach
02CV4ZZ	Extirpation of matter from superior vena cava, percutaneous endoscopic approach
02CW0ZZ	Extirpation of matter from thoracic aorta, descending, open approach
02CW4ZZ	Extirpation of matter from thoracic aorta, descending, percutaneous endoscopic approach
02CX0ZZ	Extirpation of matter from thoracic aorta, ascending/arch, open approach
02CX4ZZ	Extirpation of matter from thoracic aorta, ascending/arch, percutaneous endoscopic approach
05L50CZ	Occlusion of right subclavian vein with extraluminal device, open approach
05L50DZ	Occlusion of right subclavian vein with intraluminal device, open approach
05L50ZZ	Occlusion of right subclavian vein, open approach
05L53CZ	Occlusion of right subclavian vein with extraluminal device, percutaneous approach
05L54CZ	Occlusion of right subclavian vein with extraluminal device, percutaneous endoscopic approach
05L54DZ	Occlusion of right subclavian vein with intraluminal device, percutaneous endoscopic approach
05L54ZZ	Occlusion of right subclavian vein, percutaneous endoscopic approach
05L60CZ	Occlusion of left subclavian vein with extraluminal device, open approach
05L60DZ	Occlusion of left subclavian vein with intraluminal device, open approach
05L60ZZ	Occlusion of left subclavian vein, open approach
05L63CZ	Occlusion of left subclavian vein with extraluminal device, percutaneous approach
05L64CZ	Occlusion of left subclavian vein with extraluminal device, percutaneous endoscopic approach
05L64DZ	Occlusion of left subclavian vein with intraluminal device, percutaneous endoscopic approach
05L64ZZ	Occlusion of left subclavian vein, percutaneous endoscopic approach
05R007Z	Replacement of azygos vein with autologous tissue substitute, open approach
05R00JZ	Replacement of azygos vein with synthetic substitute, open approach

02FN0ZZ	Fragmentation in pericardium, open approach
02FN3ZZ	Fragmentation in pericardium, percutaneous approach
02FN4ZZ	Fragmentation in pericardium, percutaneous endoscopic approach
02H00DZ	Insertion of intraluminal device into coronary artery, one artery, open approach
02H00YZ	Insertion of other device into coronary artery, one artery, open approach
02H04DZ	Insertion of intraluminal device into coronary artery, one artery, percutaneous endoscopic approach
02H04YZ	Insertion of other device into coronary artery, one artery, percutaneous endoscopic approach
02H10DZ	Insertion of intraluminal device into coronary artery, two arteries, open approach
02H10YZ	Insertion of other device into coronary artery, two arteries, open approach
02H14DZ	Insertion of intraluminal device into coronary artery, two arteries, percutaneous endoscopic approach
02H14YZ	Insertion of other device into coronary artery, two arteries, percutaneous endoscopic approach
02H20DZ	Insertion of intraluminal device into coronary artery, three arteries, open approach
02H20YZ	Insertion of other device into coronary artery, three arteries, open approach
02H24DZ	Insertion of intraluminal device into coronary artery, three arteries, percutaneous endoscopic approach
02H24YZ	Insertion of other device into coronary artery, three arteries, percutaneous endoscopic approach
05R00KZ	Replacement of azygos vein with nonautologous tissue substitute, open approach
05R047Z	Replacement of azygos vein with autologous tissue substitute, percutaneous endoscopic approach
05R04JZ	Replacement of azygos vein with synthetic substitute, percutaneous endoscopic approach
05R04KZ	Replacement of azygos vein with nonautologous tissue substitute, percutaneous endoscopic approach
05R107Z	Replacement of hemiazygos vein with autologous tissue substitute, open approach
05R10JZ	Replacement of hemiazygos vein with synthetic substitute, open approach
05R10KZ	Replacement of hemiazygos vein with nonautologous tissue substitute, open approach
05R147Z	Replacement of hemiazygos vein with autologous tissue substitute, percutaneous endoscopic approach
05R14JZ	Replacement of hemiazygos vein with synthetic substitute, percutaneous endoscopic approach
05R14KZ	Replacement of hemiazygos vein with nonautologous tissue substitute, percutaneous endoscopic approach
05R307Z	Replacement of right innominate vein with autologous tissue substitute, open approach
05R30JZ	Replacement of right innominate vein with synthetic substitute, open approach
05R30KZ	Replacement of right innominate vein with nonautologous tissue substitute, open approach
05R347Z	Replacement of right innominate vein with autologous tissue substitute, percutaneous endoscopic approach
05R34JZ	Replacement of right innominate vein with synthetic substitute, percutaneous endoscopic approach

02H30DZ	Insertion of intraluminal device into coronary artery, four or more arteries, open approach
02H30YZ	Insertion of other device into coronary artery, four or more arteries, open approach
02H34DZ	Insertion of intraluminal device into coronary artery, four or more arteries, percutaneous endoscopic approach
02H34YZ	Insertion of other device into coronary artery, four or more arteries, percutaneous endoscopic approach
02H402Z	Insertion of monitoring device into coronary vein, open approach
02H403Z	Insertion of infusion device into coronary vein, open approach
02H40DZ	Insertion of intraluminal device into coronary vein, open approach
02H40NZ	Insertion of intracardiac pacemaker into coronary vein, open approach
02H40YZ	Insertion of other device into coronary vein, open approach
02H442Z	Insertion of monitoring device into coronary vein, percutaneous endoscopic approach
02H443Z	Insertion of infusion device into coronary vein, percutaneous endoscopic approach
02H44DZ	Insertion of intraluminal device into coronary vein, percutaneous endoscopic approach
02H44NZ	Insertion of intracardiac pacemaker into coronary vein, percutaneous endoscopic approach
02H44YZ	Insertion of other device into coronary vein, percutaneous endoscopic approach
05R34KZ	Replacement of right innominate vein with nonautologous tissue substitute, percutaneous endoscopic approach
05R407Z	Replacement of left innominate vein with autologous tissue substitute, open approach
05R40JZ	Replacement of left innominate vein with synthetic substitute, open approach
05R40KZ	Replacement of left innominate vein with nonautologous tissue substitute, open approach
05R447Z	Replacement of left innominate vein with autologous tissue substitute, percutaneous endoscopic approach
05R44JZ	Replacement of left innominate vein with synthetic substitute, percutaneous endoscopic approach
05R44KZ	Replacement of left innominate vein with nonautologous tissue substitute, percutaneous endoscopic approach
05R507Z	Replacement of right subclavian vein with autologous tissue substitute, open approach
05R50JZ	Replacement of right subclavian vein with synthetic substitute, open approach
05R50KZ	Replacement of right subclavian vein with nonautologous tissue substitute, open approach
05R547Z	Replacement of right subclavian vein with autologous tissue substitute, percutaneous endoscopic approach
05R54JZ	Replacement of right subclavian vein with synthetic substitute, percutaneous endoscopic approach
05R54KZ	Replacement of right subclavian vein with nonautologous tissue substitute, percutaneous endoscopic approach
05R607Z	Replacement of left subclavian vein with autologous tissue substitute, open approach

02H602Z	Insertion of monitoring device into right atrium, open approach
02H603Z	Insertion of infusion device into right atrium, open approach
02H60DZ	Insertion of intraluminal device into right atrium, open approach
02H60NZ	Insertion of intracardiac pacemaker into right atrium, open approach
02H60YZ	Insertion of other device into right atrium, open approach
02H642Z	Insertion of monitoring device into right atrium, percutaneous endoscopic approach
02H643Z	Insertion of infusion device into right atrium, percutaneous endoscopic approach
02H64DZ	Insertion of intraluminal device into right atrium, percutaneous endoscopic approach
02H64NZ	Insertion of intracardiac pacemaker into right atrium, percutaneous endoscopic approach
02H64YZ	Insertion of other device into right atrium, percutaneous endoscopic approach
02H702Z	Insertion of monitoring device into left atrium, open approach
02H703Z	Insertion of infusion device into left atrium, open approach
02H70DZ	Insertion of intraluminal device into left atrium, open approach
02H70NZ	Insertion of intracardiac pacemaker into left atrium, open approach
02H70YZ	Insertion of other device into left atrium, open approach
05R60JZ	Replacement of left subclavian vein with synthetic substitute, open approach
05R60KZ	Replacement of left subclavian vein with nonautologous tissue substitute, open approach
05R647Z	Replacement of left subclavian vein with autologous tissue substitute, percutaneous endoscopic approach
05R64JZ	Replacement of left subclavian vein with synthetic substitute, percutaneous endoscopic approach
05R64KZ	Replacement of left subclavian vein with nonautologous tissue substitute, percutaneous endoscopic approach
061007P	Bypass inferior vena cava to pulmonary trunk with autologous tissue substitute, open approach
061007Q	Bypass inferior vena cava to right pulmonary artery with autologous tissue substitute, open approach
061007R	Bypass inferior vena cava to left pulmonary artery with autologous tissue substitute, open approach
061009P	Bypass inferior vena cava to pulmonary trunk with autologous venous tissue, open approach
061009Q	Bypass inferior vena cava to right pulmonary artery with autologous venous tissue, open approach
061009R	Bypass inferior vena cava to left pulmonary artery with autologous venous tissue, open approach
06100AP	Bypass inferior vena cava to pulmonary trunk with autologous arterial tissue, open approach
06100AQ	Bypass inferior vena cava to right pulmonary artery with autologous arterial tissue, open approach
06100AR	Bypass inferior vena cava to left pulmonary artery with autologous arterial tissue, open approach
06100JP	Bypass inferior vena cava to pulmonary trunk with synthetic substitute, open approach

02H742Z	Insertion of monitoring device into left atrium, percutaneous endoscopic approach	06100JQ	Bypass inferior vena cava to right pulmonary artery with synthetic substitute, open approach
02H743Z	Insertion of infusion device into left atrium, percutaneous endoscopic approach	06100JR	Bypass inferior vena cava to left pulmonary artery with synthetic substitute, open approach
02H74DZ	Insertion of intraluminal device into left atrium, percutaneous endoscopic approach	06100KP	Bypass inferior vena cava to pulmonary trunk with nonautologous tissue substitute, open approach
02H74NZ	Insertion of intracardiac pacemaker into left atrium, percutaneous endoscopic approach	06100KQ	Bypass inferior vena cava to right pulmonary artery with nonautologous tissue substitute, open approach
02H74YZ	Insertion of other device into left atrium, percutaneous endoscopic approach	06100KR	Bypass inferior vena cava to left pulmonary artery with nonautologous tissue substitute, open approach
02HA0QZ	Insertion of implantable heart assist system into heart, open approach	06100ZP	Bypass inferior vena cava to pulmonary trunk, open approach
02HA0RJ	Insertion of short-term external heart assist system into heart, intraoperative, open approach	06100ZQ	Bypass inferior vena cava to right pulmonary artery, open approach
02HA0RS	Insertion of biventricular short-term external heart assist system into heart, open approach	06100ZR	Bypass inferior vena cava to left pulmonary artery, open approach
02HA0RZ	Insertion of short-term external heart assist system into heart, open approach	061047P	Bypass inferior vena cava to pulmonary trunk with autologous tissue substitute, percutaneous endoscopic approach
02HA0YZ	Insertion of other device into heart, open approach	061047Q	Bypass inferior vena cava to right pulmonary artery with autologous tissue substitute, percutaneous endoscopic approach
02HA3RJ	Insertion of short-term external heart assist system into heart, intraoperative, percutaneous approach	061047R	Bypass inferior vena cava to left pulmonary artery with autologous tissue substitute, percutaneous endoscopic approach
02HA4QZ	Insertion of implantable heart assist system into heart, percutaneous endoscopic approach	061049P	Bypass inferior vena cava to pulmonary trunk with autologous venous tissue, percutaneous endoscopic approach
02HA4RJ	Insertion of short-term external heart assist system into heart, intraoperative, percutaneous endoscopic approach	061049Q	Bypass inferior vena cava to right pulmonary artery with autologous venous tissue, percutaneous endoscopic approach

02HA4RS	Insertion of biventricular short-term external heart assist system into heart, percutaneous endoscopic approach	061049R	Bypass inferior vena cava to left pulmonary artery with autologous venous tissue, percutaneous endoscopic approach
02HA4RZ	Insertion of short-term external heart assist system into heart, percutaneous endoscopic approach	06104AP	Bypass inferior vena cava to pulmonary trunk with autologous arterial tissue, percutaneous endoscopic approach
02HA4YZ	Insertion of other device into heart, percutaneous endoscopic approach	06104AQ	Bypass inferior vena cava to right pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02HK03Z	Insertion of infusion device into right ventricle, open approach	06104AR	Bypass inferior vena cava to left pulmonary artery with autologous arterial tissue, percutaneous endoscopic approach
02HK0DZ	Insertion of intraluminal device into right ventricle, open approach	06104JP	Bypass inferior vena cava to pulmonary trunk with synthetic substitute, percutaneous endoscopic approach
02HK0NZ	Insertion of intracardiac pacemaker into right ventricle, open approach	06104JQ	Bypass inferior vena cava to right pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02HK0YZ	Insertion of other device into right ventricle, open approach	06104JR	Bypass inferior vena cava to left pulmonary artery with synthetic substitute, percutaneous endoscopic approach
02HK43Z	Insertion of infusion device into right ventricle, percutaneous endoscopic approach	06104KP	Bypass inferior vena cava to pulmonary trunk with nonautologous tissue substitute, percutaneous endoscopic approach
02HK4DZ	Insertion of intraluminal device into right ventricle, percutaneous endoscopic approach	06104KQ	Bypass inferior vena cava to right pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02HK4NZ	Insertion of intracardiac pacemaker into right ventricle, percutaneous endoscopic approach	06104KR	Bypass inferior vena cava to left pulmonary artery with nonautologous tissue substitute, percutaneous endoscopic approach
02HK4YZ	Insertion of other device into right ventricle, percutaneous endoscopic approach	06104ZP	Bypass inferior vena cava to pulmonary trunk, percutaneous endoscopic approach

02HL02Z	Insertion of monitoring device into left ventricle, open approach	06104ZQ	Bypass inferior vena cava to right pulmonary artery, percutaneous endoscopic approach
02HL03Z	Insertion of infusion device into left ventricle, open approach	06104ZR	Bypass inferior vena cava to left pulmonary artery, percutaneous endoscopic approach
02HL0DZ	Insertion of intraluminal device into left ventricle, open approach	0PT10ZZ	Resection of 1 to 2 ribs, open approach
02HL0NZ	Insertion of intracardiac pacemaker into left ventricle, open approach	0PT20ZZ	Resection of 3 or more ribs, open approach
02HL0YZ	Insertion of other device into left ventricle, open approach	0W9D00Z	Drainage of pericardial cavity with drainage device, open approach
02HL42Z	Insertion of monitoring device into left ventricle, percutaneous endoscopic approach	0W9D0ZX	Drainage of pericardial cavity, open approach, diagnostic
02HL43Z	Insertion of infusion device into left ventricle, percutaneous endoscopic approach	0W9D0ZZ	Drainage of pericardial cavity, open approach
02HL4DZ	Insertion of intraluminal device into left ventricle, percutaneous endoscopic approach	0W9D30Z	Drainage of pericardial cavity with drainage device, percutaneous approach
02HL4NZ	Insertion of intracardiac pacemaker into left ventricle, percutaneous endoscopic approach	0W9D3ZX	Drainage of pericardial cavity, percutaneous approach, diagnostic
02HL4YZ	Insertion of other device into left ventricle, percutaneous endoscopic approach	0W9D3ZZ	Drainage of pericardial cavity, percutaneous approach
02HN00Z	Insertion of pressure sensor monitoring device into pericardium, open approach	0W9D40Z	Drainage of pericardial cavity with drainage device, percutaneous endoscopic approach
02HN02Z	Insertion of monitoring device into pericardium, open approach	0W9D4ZX	Drainage of pericardial cavity, percutaneous endoscopic approach, diagnostic
02HN0MZ	Insertion of cardiac lead into pericardium, open approach	0W9D4ZZ	Drainage of pericardial cavity, percutaneous endoscopic approach
02HN0YZ	Insertion of other device into pericardium, open approach	0WCD0ZZ	Extirpation of matter from pericardial cavity, open approach
02HN30Z	Insertion of pressure sensor monitoring device into pericardium, percutaneous approach	0WCD3ZZ	Extirpation of matter from pericardial cavity, percutaneous approach
02HN32Z	Insertion of monitoring device into pericardium, percutaneous approach	0WCD4ZZ	Extirpation of matter from pericardial cavity, percutaneous endoscopic approach
02HN3MZ	Insertion of cardiac lead into pericardium, percutaneous approach	0WFD0ZZ	Fragmentation in pericardial cavity, open approach

02HN3YZ	Insertion of other device into pericardium, percutaneous approach
02HN40Z	Insertion of pressure sensor monitoring device into pericardium, percutaneous endoscopic approach
02HN42Z	Insertion of monitoring device into pericardium, percutaneous endoscopic approach
02HN4MZ	Insertion of cardiac lead into pericardium, percutaneous endoscopic approach
02HN4YZ	Insertion of other device into pericardium, percutaneous endoscopic approach
02HP0DZ	Insertion of intraluminal device into pulmonary trunk, open approach
02HP0YZ	Insertion of other device into pulmonary trunk, open approach
02HP4DZ	Insertion of intraluminal device into pulmonary trunk, percutaneous endoscopic approach
02HP4YZ	Insertion of other device into pulmonary trunk, percutaneous endoscopic approach
02HQ0DZ	Insertion of intraluminal device into right pulmonary artery, open approach
02HQ0YZ	Insertion of other device into right pulmonary artery, open approach
02HQ4DZ	Insertion of intraluminal device into right pulmonary artery, percutaneous endoscopic approach
02HQ4YZ	Insertion of other device into right pulmonary artery, percutaneous endoscopic approach
02HR0DZ	Insertion of intraluminal device into left pulmonary artery, open approach
02HR0YZ	Insertion of other device into left pulmonary artery, open approach

0WFD3ZZ	Fragmentation in pericardial cavity, percutaneous approach
0WFD4ZZ	Fragmentation in pericardial cavity, percutaneous endoscopic approach
0WFDXZZ	Fragmentation in pericardial cavity, external approach
0WHD03Z	Insertion of infusion device into pericardial cavity, open approach
0WHD0YZ	Insertion of other device into pericardial cavity, open approach
0WHD33Z	Insertion of infusion device into pericardial cavity, percutaneous approach
0WHD3YZ	Insertion of other device into pericardial cavity, percutaneous approach
0WHD43Z	Insertion of infusion device into pericardial cavity, percutaneous endoscopic approach
0WHD4YZ	Insertion of other device into pericardial cavity, percutaneous endoscopic approach
0WPD00Z	Removal of drainage device from pericardial cavity, open approach
0WPD01Z	Removal of radioactive element from pericardial cavity, open approach
0WPD03Z	Removal of infusion device from pericardial cavity, open approach
0WPD0YZ	Removal of other device from pericardial cavity, open approach
0WPD30Z	Removal of drainage device from pericardial cavity, percutaneous approach
0WPD31Z	Removal of radioactive element from pericardial cavity, percutaneous approach

02HR4DZ	Insertion of intraluminal device into left pulmonary artery, percutaneous endoscopic approach	0WPD33Z	Removal of infusion device from pericardial cavity, percutaneous approach
02HR4YZ	Insertion of other device into left pulmonary artery, percutaneous endoscopic approach	0WPD3YZ	Removal of other device from pericardial cavity, percutaneous approach
02HS02Z	Insertion of monitoring device into right pulmonary vein, open approach	0WPD40Z	Removal of drainage device from pericardial cavity, percutaneous endoscopic approach
02HS0DZ	Insertion of intraluminal device into right pulmonary vein, open approach	0WPD41Z	Removal of radioactive element from pericardial cavity, percutaneous endoscopic approach
02HS0YZ	Insertion of other device into right pulmonary vein, open approach	0WPD43Z	Removal of infusion device from pericardial cavity, percutaneous endoscopic approach
02HS42Z	Insertion of monitoring device into right pulmonary vein, percutaneous endoscopic approach	0WPD4YZ	Removal of other device from pericardial cavity, percutaneous endoscopic approach
02HS4DZ	Insertion of intraluminal device into right pulmonary vein, percutaneous endoscopic approach	0WWD00Z	Revision of drainage device in pericardial cavity, open approach
02HS4YZ	Insertion of other device into right pulmonary vein, percutaneous endoscopic approach	0WWD01Z	Revision of radioactive element in pericardial cavity, open approach
02HT02Z	Insertion of monitoring device into left pulmonary vein, open approach	0WWD03Z	Revision of infusion device in pericardial cavity, open approach
02HT0DZ	Insertion of intraluminal device into left pulmonary vein, open approach	0WWD0YZ	Revision of other device in pericardial cavity, open approach
02HT0YZ	Insertion of other device into left pulmonary vein, open approach	0WWD30Z	Revision of drainage device in pericardial cavity, percutaneous approach
02HT42Z	Insertion of monitoring device into left pulmonary vein, percutaneous endoscopic approach	0WWD31Z	Revision of radioactive element in pericardial cavity, percutaneous approach
02HT4DZ	Insertion of intraluminal device into left pulmonary vein, percutaneous endoscopic approach	0WWD33Z	Revision of infusion device in pericardial cavity, percutaneous approach
02HT4YZ	Insertion of other device into left pulmonary vein, percutaneous endoscopic approach	0WWD3YZ	Revision of other device in pericardial cavity, percutaneous approach
02HV0YZ	Insertion of other device into superior vena cava, open approach	0WWD40Z	Revision of drainage device in pericardial cavity, percutaneous endoscopic approach

02HV4YZ	Insertion of other device into superior vena cava, percutaneous endoscopic approach	0WWD41Z	Revision of radioactive element in pericardial cavity, percutaneous endoscopic approach
02HW02Z	Insertion of monitoring device into thoracic aorta, descending, open approach	0WWD43Z	Revision of infusion device in pericardial cavity, percutaneous endoscopic approach
02HW0DZ	Insertion of intraluminal device into thoracic aorta, descending, open approach	0WWD4YZ	Revision of other device in pericardial cavity, percutaneous endoscopic approach
02HW0YZ	Insertion of other device into thoracic aorta, descending, open approach	X2RF032	Replacement of aortic valve using zooplastic tissue, rapid deployment technique, open approach, new technology group 2
02HW42Z	Insertion of monitoring device into thoracic aorta, descending, percutaneous endoscopic approach	X2RF432	Replacement of aortic valve using zooplastic tissue, rapid deployment technique, percutaneous endoscopic approach, new technology group 2