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| **The Society of Thoracic Surgeons** |
| **General Thoracic Surgery Database**  **Non-Analyzed Procedure Data Collection Form** |
| **Version 2.41** |
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| **Revised 5/5/2020** |

* **Procedures listed on this form, unless performed in conjunction with a major procedure, are not risk adjusted or analyzed and are not mandatory to collect.**
* **If the Surgeon Participant chooses to track these cases, the following data set is recommended.**

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| **A. Demographics** | | | | | | | | | |
| Patient ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PatID (80) | | | |  | | Medical Record #:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MedRecN (90) | | | |
| First Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  PatFName (100) | | Middle Name:\_\_\_\_\_\_\_\_\_\_\_\_  PatMName(110) | | | Last Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  PatLName (120) | | | | SSN#:\_\_\_\_\_\_\_\_\_\_\_\_\_\_  SSN (130) |
| Patient participating in STS-related clinical trial: ClinTrial (140)  🞎 None 🞎 Trial 1 🞎 Trial 2 🞎 Trial 3 🞎 Trial 4 🞎 Trial 5 🞎 Trial 6  (If not “None” →) Clinical trial patient ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ClinTrialPatID (150) | | | | | | | | | |
| Date of Birth:\_\_\_\_/\_\_\_\_/\_\_\_\_\_\_  DOB (160) (mm/dd/yyyy) | | | **Age:** \_\_\_\_\_\_\_\_  Age (170) | | Patient Postal Code:\_\_\_\_\_\_\_\_\_  PostalCode (180) | | | **Gender:** 🞎 Male 🞎 Female  Gender (190) | |
| **Is the Patient's Race Documented**? 􀀀 Yes 􀀀 No 􀀀 Patient Declined to Disclose RaceDocumented (200) | | | | | | | | | |
| **Race**: *If Yes select all that apply* | White/Caucasian 🞎 Yes 🞎 No  RaceCaucasian (210) | | | | | | Black/African American 🞎 Yes 🞎 No  RaceBlack (220) | | |
|  | Asian 🞎 Yes 🞎 No  RaceAsian (230) | | | | | | American Indian/Alaskan Native 🞎 Yes 🞎 No  RaceNativeAm (240) | | |
|  | Native Hawaiian/Pacific Islander 🞎 Yes 🞎 No RacNativePacific (250) | | | | | | Other 🞎 Yes 🞎 No  RaceOther (260) | | |
| Hispanic or Latino Ethnicity: 🞎 Yes 🞎 No 🞎 Not Documented Ethnicity (270) | | | | | | | | | |

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| **B. Admission** | | | |
| **Admission Status:** 🞎 Inpatient 🞎 Outpatient / Observation  AdmissionStat (280) | | *If Inpatient →* Admission Date: \_\_\_\_/\_\_\_/\_\_\_\_\_  AdmitDt (290) | |
| **Payor:** Indicate the **Primary** payor: PayorPrim (300) | | *If Primary Payor is not None/Self→*  Indicate the **Secondary (supplemental)** payor: PayorSecond (320) | |
| 🞎 None/self  🞎 Medicare  *If Medicare →* Fee For Service: 🞎 Yes 🞎 No PrimMCareFFS (310)  🞎 Medicaid  🞎 Military Health  🞎 Indian Health Service  🞎 Correctional Facility  🞎 State Specific Plan  🞎 Other Government Insurance  🞎 Commercial Health Insurance  🞎 Health Maintenance Organization  🞎 Non U.S. Plan | | 🞎 None/self  🞎 Medicare  *If Medicare →* Fee For Service: 🞎 Yes 🞎 No SecondMCareFFS (330)  🞎 Medicaid  🞎 Military Health  🞎 Indian Health Service  🞎 Correctional Facility  🞎 State Specific Plan  🞎 Other Government Insurance  🞎 Commercial Health Insurance  🞎 Health Maintenance Organization  🞎 Non U.S. Plan | |
| Surgeon Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Surgeon (340) | | **Surgeon’s National Provider ID:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  SurgNPI (350) | |
| **Taxpayer ID#:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  TIN (360) | | Hospital Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  HospName (370) | |
| Hospital Postal Code:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  HospZIP (380) | Hospital Region:\_\_\_\_\_\_\_\_ HospStat (390) | | Hospital’s National Provider ID:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ HospNPI (400) |

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| **D. Diagnosis (Category of Disease)** | | | |
| **Category of Disease**: Check both **Primary** and **Secondary** Diagnosis (Category of Disease) **(ICD-9, ICD-10)**. Indicate (circle) the Primary Diagnosis. CategoryPrim (1250) CategorySecond (1280) | | | |
| **Note: Diagnosis is based on final pathology report.** | | | |
| 🞎 No Secondary Diagnosis *(for Category of Disease - Secondary field only)* | | | |
| **Lung Cancer** | | | |
| 🞎 Lung cancer, main bronchus, carina (162.2, C34.00) | | | 🞎 Lung cancer, lower lobe (162.5, C34.30) |
| 🞎 Lung cancer, upper lobe (162.3, C34.10) | | | 🞎 Lung cancer, location unspecified (162.9, C34.90) |
| 🞎 Lung cancer, middle lobe (162.4, C34.2) | | | 🞎 Lung tumor, metastatic (197.0, C78.00) |
| 🞎 Malignant neoplasm other parts of bronchus or lung (162.8, C34.8) | | | 🞎 Personal history of malignant neoplasm of bronchus and lung (V10.11, Z85.118) |
| 🞎 Neoplasm of uncertain behavior of trachea, bronchus and lung (235.7, DM38.1) | | |  |
| **Esophagus Cancer** | | | |
| 🞎 Esophageal cancer, esophagogastric junction (cardia) (151.0, C16.0) | | | 🞎 Malignant neo stomach unspecified (151.9, C16.9) |
| 🞎 Esophageal cancer, upper third (150.3, C15.3) | | | 🞎 Malignant neoplasm of the esophagus, unspecified (150.9, C15.9) |
| 🞎 Esophageal cancer, middle third (150.4, C15.4) | | | 🞎 Malignant other part esophagus, specified (150.8, C15.8) |
| 🞎 Esophageal cancer-lower third (150.5, C15.5) | | |  |
| **Thymus / Mediastinal Mass** | | | |
| 🞎 Anterior mediastinal tumor primary(germ cell cancer, seminoma) (164.2, C38.1) | | | 🞎 Anterior mediastinal tumor-thymus tumor (thymoma, thymic carcinoma) (164.0, C37) |
| 🞎 Anterior mediastinal tumor-metastatic (197.1, C78.1) | | | 🞎 Posterior mediastinal tumor-metastatic (197.1, C78.1) |
| 🞎 Posterior mediastinal malignant tumor- primary (164.3, C38.2) | | | 🞎 Neoplasm of uncertain behavior of pleura, thymus, mediastinum (235.8, D38.2-D38.4) |
| 🞎 Anterior mediastinal tumor-benign-(e.g., teratoma) (212.5, D15.2) | | | 🞎 Myasthenia gravis (358.0, G70.00) |
| **Trachea** | | | |
| 🞎 Tracheal tumor, malignant (162.0, C33) | | | 🞎 Tracheal stenosis, congenital (748.3, Q32.1) |
| 🞎 Tracheal tumor, benign (212.2, D14.2) | | | 🞎 Subglottic stenosis-congenital (748.3, Q31.1) |
| 🞎 Tracheal tumor, metastatic (197.3, C78.30) | | | 🞎 Subglottic stenosis-acquired (post intubation) (478.74, J38.6) |
| 🞎 Tracheal stenosis, acquired (519.19, J39.8) | | | 🞎 Tracheostomy related stenosis (519.02, J95.03) |
| **Hiatal Hernia / GERD** | | | |
| 🞎 Esophageal reflux (GERD) (530.81, K21.9) | | | 🞎 Diaphragmatic hernia, with obstruction, without gangrene (552.3, K44.0) |
| 🞎 Reflux esophagitis (530.11, K21.0) | | | 🞎 Diaphragmatic hernia with gangrene (551.3, K44.1) |
| 🞎 Barrett’s esophagus (530.85, K22.70) | | | 🞎 Diaphragmatic hernia without obstruction or gangrene (553.3, K44.9) |
| 🞎 Barrett’s esophagus with High Grade Dysplasia (530.85, K22.711) | | |  |
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| **Cardiovascular** | | | |
| 🞎 Abdominal aneurysm without rupture (441.4, I171.4) | | | 🞎 Pericarditis, constrictive (432.2, I31.1) |
| 🞎 Cardiac tamponade (423.3, I31.4) | | | 🞎 SVC Syndrome (459.2, I87.1) |
| 🞎 Pericardial effusion, malignant (198.89, C79.89) | | | 🞎 Unspecified disease of the pericardium (423.9, I31.9) |
| 🞎 Pericarditis with effusion (420.9, I30.9) | | |  |
| **Chest Wall** | | | |
| 🞎 Pectus carinatum (754.82, Q67.7) | | | 🞎 Sternal tumor, benign (213.3, D16.7) |
| 🞎 Pectus excavatum (754.81, Q67.6) | | | 🞎 Sternal tumor, malignant (170.3, C41.3) |
| 🞎 Rib tumor, benign-(e.g., fibrous dysplasia) (213.3, D16.7) | | | 🞎 Sternal tumor, metastatic (198.5, C79.51) |
| 🞎 Rib tumor, malignant-(e.g., osteosarcoma, chondrosarcoma) (170.3, C41.3) | | | 🞎 Thoracic outlet syndrome (353.0, G54.0) |
| 🞎 Rib tumor, metastatic (198.5, C79.51) | | |  |
| **Diaphragm** | | | |
| 🞎 Diaphragm tumor, benign (215.4, D21.3) | | | 🞎 Diaphragm tumor, metastatic (198.89, C79.89) |
| 🞎 Diaphragm tumor, malignant (171.4, C49.3) | | | 🞎 Diaphragmatic paralysis (519.4, J98.6) |
| **Esophagus - Other** | | | |
| 🞎 Achalasia of esophagus (530.0, K22.0) | | | 🞎 Foreign body esophagus (935.1, T18.108a) |
| 🞎 Acquired absence of esophagus ( post esophagectomy) (V45.79, Z90.89) | | | 🞎 Gastric outlet obstruction, pyloric stenosis, acquired (537.0, K31.1) |
| 🞎 Dyskinesia/spasm of esophagus (530.5, K22.4) | | | 🞎 Mallory Weiss tear (530.7, K22.6) |
| 🞎 Epiphrenic diverticulum (530.6, K22.5) | | | 🞎 Stricture and stenosis of esophagus (530.3, K22.2) |
| 🞎 Esophageal perforation (530.4, K22.3) | | | 🞎 Tracheoesophageal fistula (530.84, J86.0) |
| 🞎 Esophageal stricture (530.3, K22.2) | | | 🞎 Ulcer esophagus with bleeding (530.21, K22.11) |
| 🞎 Esophageal tumor-benign (i.e., leiomyoma) (211.0, D13.0) | | | 🞎 Ulcer esophagus without bleeding (530.2, K22.10) |
| 🞎 Esophagitis (530.1, K20.9) | | | 🞎 Zenkers diverticulum (530.6, K22.5) |
| 🞎 Other disease of the esophagus (530.89, K22.8) | | | 🞎 Other digestive system complication (997.49, K91.XX) |
| **Lung – Other** | | | |
| 🞎 Acute respiratory failure (518.81, J96.00) | | | 🞎 Lung tumor, benign (e.g., hamartoma) (212.3, D14.30) |
| 🞎 Aspergillosis (117.3, B44.9) | | | 🞎 Pneumonia (486.0, J18.9) |
| 🞎 Bronchiectasis (494.0, J47.9) | | | 🞎 Post inflammatory pulmonary fibrosis (515, J84.89) |
| 🞎 Cystic fibrosis with pulmonary manifestations (277.02, E84.0) | | | 🞎 Primary pulmonary hypertension ( 416.0, I 27.0) |
| 🞎 Emphysema (492.8, J43.8) | | | 🞎 Pulmonary insufficiency following surgery/trauma (ARDS) (518.5, J95.82) |
| 🞎 Emphysematous bleb (492.0, J43.9) | | | 🞎 Pulmonary sequestration (748.5, Q33.2) |
| 🞎 Lung abscess (513.0, J85.2) | | | 🞎 Transplanted lung complication(s) (996.84, T86.8XX) |
| 🞎 Interstitial lung disease/fibrosis (516.3, J84.1) | | | 🞎 Gangrene and necrosis of lung (513.0, J85.0) |
| 🞎 Pneumothorax (512.8, J93.1) | | | 🞎 Hemothorax (511.8, J94.2) |
| 🞎 Solitary pulmonary nodule (not a tumor, e.g., granuloma, subpleural lymph node, pulmonary infarct) (793.11, R91.1) | | |  |
| **Mediastinum** | | | |
| 🞎 Mediastinal nodes, metastatic (196.1, C77.1) | | | 🞎 Mediastinal cyst, Pericardial (519.3, J98.5) |
| 🞎 Benign neoplasm of thymus (212.6, D15.0) | | | 🞎 Mediastinal cyst, Thymic (519.3, J98.5) |
| 🞎 Lymphoma, intrathoracic (202.82, C85.92) | | | 🞎 Mediastinal nodes, benign (229.0, D36.0) |
| 🞎 Mediastinal abscess (513.1, J85.3) | | | 🞎 Mediastinitis (519.2, J98.5) |
| 🞎 Mediastinal cyst, Bronchogenic (519.3, J98.5) | | | 🞎 Posterior mediastinal tumor-benign(neurogenic)(212.5,D15.2) |
| 🞎 Mediastinal cyst, Foregut duplication (519.3, J98.5) | | | 🞎 Unspecified disease of thymus gland (254.9, E32.9) |
| **Pleura** | | | |
| 🞎 Empyema with fistula (510.0, J86.0) | | | 🞎 Pleural thickening (511.0, J94.9) |
| 🞎 Empyema without fistula (510.9, J86.9) | | | 🞎 Pleural tumor, benign (212.4, D19.0) |
| 🞎 Empyema, tuberculosis (A15.6) | | | 🞎 Pleural tumor, metastatic (197.2, C78.2) |
| 🞎 Pleural effusion, infected- (empyema) (511.1, J86.9) | | | 🞎 Malignant neoplasm other specified sites of pleura (163.8, C38.4) |
| 🞎 Pleural effusion, malignant (197.2, C78.2) | | | 🞎 Malignant tumor of pleura, unspecified (e.g., mesothelioma) (163.9, C45) |
| 🞎 Pleural effusion sterile (511.9, J90) | | | 🞎 Pleural effusion, TB; (Tuberculous pleurisy) (012.0, A15.6) |
| 🞎 Pleural effusion, other specified, except TB (511.89, J90) | | |  |
| **Thyroid** | | | |
| 🞎 Goiter, nodular (241.9, E04.9) | | | 🞎 Thyroid neoplasm, malignant (193.0, C73) |
| 🞎 Thyroid neoplasm, benign (226.0, D34) | | |  |
| **Trachea & Larynx** | | | |
| 🞎 Dysphagia, unspecified (787.2, R13.10) | | | 🞎 Vocal cord paralysis unspecified (478.3, J38.00) |
| 🞎 Tracheomalacia-congenital (748.3, Q32.0) | | | 🞎 Vocal cord paralysis , unilateral (478.31, J38.01) |
| 🞎 Tracheomalacia-acquired (519.1, J39.8) | | | 🞎 Vocal cord paralysis, bilateral (478.33, J38.02) |
| 🞎 Tracheostomy-hemorrhage (519.09, J95.01) | | |  |
| **Trauma** | | | |
| 🞎 Flail chest (807.4, S22.5xxa) | | | 🞎 Sternal fracture (807.2, S22.20xa) |
| 🞎 Rib fracture (807.0, S22.39xa) | | | 🞎 Tracheal injury (807.5, S12.8xxa) |
| 🞎 Rib fractures, multiple (807.0, S22.49xa) | | | 🞎 Traumatic pneumothorax (860.0, S27.0xxa) |
| **Miscellaneous** | | | |
| 🞎 Abnormal radiologic finding (793.1, R91) | | | 🞎 Other non-infectious disorders of lymphatic channels (457.8, I89.8) |
| 🞎 Chronic airway obstruction not elsewhere classified (496, J44.9) | | | 🞎 Malignant neoplasm of connective tissue and other soft tissue of the thorax (171.4, C49.3) |
| 🞎 Chylothorax (457.8, 189.8) | | | 🞎 Malignant poorly differentiated neuroendocrine carcinoma, any site (209.3, C74.1) |
| 🞎 Disruption of internal operation, surgical wound (998.31, T81.32XA) | | | 🞎 Non-healing surgical wound (998.83, T81.89XA) |
| 🞎 Hemorrhage complicating a procedure (998.11, multiple codes) | | | 🞎 Other post- op infection (998.59, T81.4XXA) |
| 🞎 Hematoma complicating a procedure (998.12, multiple codes) | | | 🞎 Persistent post-op fistula not otherwise classified (998.6, T81.83XA) |
| 🞎 Hemoptysis unspecified (786.3, R04.2) | | | 🞎 Post-operative air leak (512.2, J95.812) |
| 🞎 Hyperhidrosis, focal axilla (705.21, L74.510) | | | 🞎 Secondary malignant neoplasm of other specified sites (198.89, C79.89) |
| 🞎 Hyperhidrosis, focal, face (705.21, L74.511) | | | 🞎 Shortness of breath (786.05, R06.02) |
| 🞎 Hyperhidrosis, focal, palms (705.21, L74.512) | | | 🞎 Swelling, mass or lump in chest (786.6, R22.2) |
| 🞎 Lymphadenopathy (785.6, R59.9) | | | 🞎 Other unlisted category of disease |
|  | | | |
| Other Primary Specify:  CategoryPrimOth (1260) | If diagnosis not listed, free text here:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Other Primary ICD:  CategoryPrimOthICD (1270) | Enter ICD-9 or ICD-10 of unlisted primary diagnosis, if known:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Secondary, Other Secondary Specify:  CategorySecondOth (1290) | | If secondary diagnosis not listed, free text here:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| Secondary, Other Secondary ICD:  CategorySecondOthICD (1300) | Enter ICD-9 or ICD-10 of unlisted secondary diagnosis, if known :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

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| **E. Operative** | | | |
| **Date of Surgery**:\_\_\_\_\_\_/\_\_\_\_\_\_/\_\_\_\_\_\_\_  SurgDt (1310) | | | |
| Status of Operation  Status (1400) | | 🞎 Emergent 🞎 Urgent 🞎 Elective 🞎 Palliative | |
| Did the patient have a laboratory confirmed diagnosis of Covid-19?  TempCode (4080) 🞎 No (Harvest Code 10)  🞎 Yes, prior to hospitalization for this surgery (Harvest Code 11)  🞎 Yes, in hospital prior to surgery (Harvest 12)  🞎 Yes, in hospital after surgery (Harvest Code 13)  🞎 Yes, after discharge within 30 days of surgery (Harvest Code 14) | | | |
| Date of Positive Covid-19 Test (closest to OR date) \_\_\_\_\_\_/\_\_\_\_\_\_/\_\_\_\_\_\_ (mm/dd/yyyy)  TempDt (4070) | | | |
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| **Check ALL of the procedures performed.**  *Indicate (circle) the* **Primary Procedure.**  Proc (1490) Primary (1500) | | | |
| **Non-analyzed Procedures** | | | |
| **Trachea, Bronchi, Larynx** | | | |
| 🞎 Laryngectomy, partial (31370) | |  | |
| 🞎 Tracheostomy replacement (tube change) prior to est. of fistula tract (31502) | | 🞎 Tracheal wound or injury suture repair; cervical (31800) | |
| 🞎 Tracheostomy, planned (31600) | | 🞎 Tracheal wound or injury suture repair; intrathoracic (31805) | |
| 🞎 Tracheostomy revision simple, without flap (31613) | | 🞎 Unlisted procedure, trachea, bronchi (31899) | |
| 🞎 Tracheostomy revision complex, with flap (31614) | | 🞎 Bronchopleural fistula closure (32906) | |
| 🞎 Tracheoplasty; cervical (31750) | | 🞎 Bronchogenic cyst removal | |
| 🞎 Tracheoplasty; intrathoracic (31760) | | 🞎 Bronchial laceration suture | |
|  | | 🞎 Bronchial sleeve resection | |
| 🞎 Bronchoplasty, graft repair (31770) | | 🞎 Tracheostomy mediastinal | |
| 🞎 Bronchoplasty; excision stenosis and anastomosis (31775) | | 🞎 Rigid stent removal | |
| **Bronchoscopy** | | | |
| 🞎 Tracheobronchoscopy through established tracheostomy incision (31615) | | 🞎 Bronchoscopy, with transbronchial lung biopsy(s), each additional lobe (31632) | |
| 🞎 Endobronchial ultrasound (EBUS) during bronchoscopy diagnostic or therapeutic intervention(s) (31620) | | 🞎 Bronchoscopy, with transbronchial needle aspiration biopsy(s), each additional lobe (31633) | |
| 🞎 Bronchoscopy, diagnostic, with or without cell washing (31622) | | 🞎 Bronchoscopy, with removal of foreign body (31635) | |
| 🞎 Bronchoscopy, with brushing or protected brushings (31623) | | 🞎 Bronchoscopy, with placement of bronchial stent(s) (includes tracheal/bronchial dilation as required), initial bronchus (31636) | |
| 🞎 Bronchoscopy, with bronchial alveolar lavage (BAL) (31624) | | 🞎 Bronchoscopy, each additional major bronchus stented (31637) | |
| 🞎 Bronchoscopy, with bronchial or endobronchial biopsy(s), single or multiple sites (31625) | | 🞎 Bronchoscopy, with revision of tracheal or bronchial stent inserted at previous session (31638) | |
| 🞎 Bronchoscopy, with placement of Fiducial markers (31626) | | 🞎 Bronchoscopy, with excision of tumor (31640) | |
| 🞎 Bronchoscopy, navigational (31627) | | 🞎 Bronchoscopy, with destruction of tumor or relief of stenosis by any method other than excision (e.g., laser therapy) (31641) | |
| 🞎 Bronchoscopy, with transbronchial lung biopsy(s), single lobe (31628) | | 🞎 Bronchoscopy, with placement of catheter(s) for intracavitary radioelement application (31643) | |
| 🞎 Bronchoscopy, with transbronchial needle aspiration biopsy(s) (31629) | | 🞎 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, initial (drainage of lung abscess) (31645) | |
| 🞎 Bronchoscopy, with tracheal/bronchial dilation or closed reduction of fracture (31630) | | 🞎 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, subsequent (31646) | |
| 🞎 Bronchoscopy, with placement of tracheal stent(s) (includes tracheal/bronchial dilation as required) (31631) | |  | |
| **Pleural Space and Lung** | | | |
| 🞎 Thoracostomy; with rib resection for empyema (32035) | | 🞎 Insertion indwelling tunneled pleural catheter (32550) | |
| 🞎 Thoracostomy; with open flap drainage for empyema (32036) | | 🞎 Thoracoscopy, diagnostic lungs and pleural space, without biopsy (32601) | |
| 🞎 Thoracotomy with biopsy(s) lung infiltrate(s) (e.g. wedge), unilateral (32096) | | 🞎 Thoracoscopy, diagnostic; with biopsy(s) of lung infiltrate(s) (e.g. wedge), unilateral (32607) | |
| 🞎 Thoracotomy with biopsy(s) lung nodule(s) or masses (e.g. incisional), unilateral (32097) | | 🞎 Thoracoscopy, diagnostic; with biopsy(s) of lung nodule(s) or mass(es) (eg incisional), unilateral (32608) | |
| 🞎 Thoracotomy with biopsy(s) of pleura (32098) | | 🞎 Thoracoscopy, diagnostic; with biopsy(s) of pleura (32609) | |
| 🞎 Thoracotomy, with exploration (32100) | | 🞎 Thoracoscopy, surgical; with pleurodesis (e.g., mechanical or chemical) (32650) | |
| 🞎 Thoracotomy, major; with control of traumatic hemorrhage and/or repair of lung tear (32110) | | 🞎 Thoracoscopy, surgical; with partial pulmonary decortication (32651) | |
| 🞎 Thoracotomy, major; for postoperative complications (32120) | | 🞎 Thoracoscopy, surgical; with total pulmonary decortication (32652) | |
| 🞎 Thoracotomy with open intrapleural pneumolysis (32124) | | 🞎 Thoracoscopy, surgical; with removal of intrapleural foreign body or fibrin deposit (32653) | |
| 🞎 Thoracotomy, major; with cyst(s) removal, with or without a pleural procedure (32140) | | 🞎 Thoracoscopy, surgical; with control of traumatic hemorrhage (32654) | |
| 🞎 Thoracotomy, major; with excision-plication of bullae, with or without any pleural procedure (32141) | | 🞎 Thoracoscopy, surgical; with excision-plication of bullae, including any pleural procedure (32655) | |
| 🞎 Thoracotomy, major; with removal of intrapleural foreign body or hematoma (32150) | | 🞎 Thoracoscopy, surgical; with parietal pleurectomy (32656) | |
| 🞎 Thoracotomy with cardiac massage (32160) | | 🞎 Thoracoscopy with resection-plication for emphysematous lung (bullous or non-bullous) for lung volume reduction- LVRS, unilateral including any pleural procedure (32672) | |
| 🞎 Decortication, pulmonary, total (32220) | | 🞎 Repair lung hernia through chest wall (32800) | |
| 🞎 Pleural scarification for repeat pneumothorax (32215) | | 🞎 Closure of chest wall following open flap drainage for empyema (Clagett type procedure) (32810) | |
| 🞎 Decortication, pulmonary, partial (32225) | | 🞎 Total lung lavage (for alveolar proteinosis) (32997) | |
| 🞎 Pleurectomy, parietal (32310) | | 🞎 Radio-frequency ablation (RFA) lung tumor (32998) | |
| 🞎 Decortication and parietal pleurectomy (32320) | | 🞎 Removal of lung, total pneumonectomy; extrapleural (32445) | |
| 🞎 Removal of lung, excision-plication of emphysematous lung(s) for lung volume reduction (LVRS) (32491) | | 🞎 Unlisted procedure, lung (32999) | |
| **Lung Other Procedures** | | | |
| 🞎 Open closure of major bronchial fistula (32815) | | 🞎 Double lung transplant (32853) | |
| 🞎 Single lung transplant (32851) | | 🞎 Double lung transplant with CPB (32854) | |
| 🞎 Single lung transplant with CPB (32852) | | 🞎 Thoracoplasty with closure of bronchopleural fistula (32906) | |
| **Mediastinum and Diaphragm** | | | |
| 🞎 Thoracoscopy, diagnostic; mediastinal space, with biopsy (32606) | | 🞎 Diaphragmatic hernia repair (other than neonatal), traumatic; acute (39540) | |
| 🞎 Mediastinotomy with exploration or biopsy; cervical approach (39000) | | 🞎 Diaphragmatic hernia repair (other than neonatal), traumatic; chronic (39541) | |
| 🞎 Mediastinotomy with exploration or biopsy; transthoracic approach (39010) | | 🞎 Diaphragm imbrication (i.e., plication) of (39545) | |
| 🞎 Mediastinal cyst, excision, open, Transthoracic approach (39200) | | 🞎 Diaphragm; resection with simple repair (e.g., primary suture) (39560) | |
| 🞎 Mediastinoscopy, with or without biopsy (39400) | | 🞎 Diaphragm; resection with complex repair (e.g., prosthetic material, local muscle flap) (39561) | |
| 🞎 Unlisted procedure, mediastinum (39499) | | 🞎 Unlisted procedure, diaphragm (39599) | |
| 🞎 Diaphragm, laceration repair, any approach (39501) | |  | |
| **Esophagoscopy** | | | |
| 🞎 Esophagoscopy (43200) | | 🞎 Upper gastrointestinal endoscopy with endoscopic ultrasound examination limited to the esophagus (43237) | |
| 🞎 Esophagoscopy with biopsy (43202) | | 🞎 Upper gastrointestinal endoscopy with transendoscopic ultrasound-guided FNA (43238) | |
| 🞎 Esophagoscopy with removal of foreign body (43215) | | 🞎 Upper gastrointestinal endoscopy with biopsy (43239) | |
| 🞎 Esophagoscopy with insertion of stent (43219) | | 🞎 Upper gastrointestinal endoscopy with dilation of gastric outlet for obstruction (43245) | |
| 🞎 Esophagoscopy with balloon dilation (43220) | | 🞎 Upper gastrointestinal endoscopy with directed placement of percutaneous gastrostomy tube (43246) | |
| 🞎 Esophagoscopy with insertion of guide wire followed by dilation over guide wire (43226) | | 🞎 Upper gastrointestinal endoscopy with removal of foreign body (43247) | |
| 🞎 Esophagoscopy with ablation of tumor (43228) | | 🞎 Upper gastrointestinal endoscopy with insertion of guide wire followed by dilation of esophagus (43248) | |
| 🞎 Esophagoscopy with endoscopic ultrasound examination (EUS) (43231) | | 🞎 Upper gastrointestinal endoscopy with balloon dilation of esophagus (43249) | |
| 🞎 Esophagoscopy with transendoscopic ultrasound-guided fine needle aspiration (43232) | | 🞎 Upper gastrointestinal endoscopy with transendoscopic stent placement (43256) | |
| 🞎 Upper gastrointestinal endoscopy, diagnostic (43235) | | 🞎 Upper gastrointestinal endoscopy with ablation of tumor (43258) | |
| **Esophagus Other Procedures** | | | |
| 🞎 Thoracoscopy, surgical; with esophagomyotomy (Heller type) (32665) | | 🞎 Esophagostomy, fistulization of esophagus, external; cervical approach (43352) | |
| 🞎 Cricopharyngeal myotomy (43030) | | 🞎 Gastrointestinal reconstruction for previous esophagectomy with stomach (43360) | |
| 🞎 Excision esophageal lesion with primary repair, cervical approach (43100) | | 🞎 Gastrointestinal reconstruction for previous esophagectomy with colon interposition or small intestine (43361) | |
| 🞎 Excision Esophageal lesion with primary repair, thoracic approach (eg: leiomyoma) (43101) | | 🞎 Suture of esophageal wound or injury; cervical approach (43410) | |
| 🞎 Diverticulectomy of hypopharynx or esophagus, with or without myotomy; cervical approach (43130) | | 🞎 Suture of esophageal wound or injury; transthoracic or transabdominal approach (43415) | |
| 🞎 Diverticulectomy of esophagus, with or without myotomy; thoracic approach (43135) | | 🞎 Closure of esophagostomy or fistula; cervical approach (43420) | |
| 🞎 Laparoscopic esophageal myotomy (Heller Myotomy, with or without fundoplication ) (43279) | | 🞎 Total gastrectomy with esophagoenterostomy (43620) | |
| 🞎 Laparoscopy, surgical, esophageal lengthening procedure (Collis) (43283) Secondary Procedure code | | 🞎 Total gastrectomy with Roux-en-Y reconstruction (43621) | |
| 🞎 Unlisted laparoscopy, esophagus (43289 ) | | 🞎 Conduit revision s/p esophagectomy | |
| 🞎 Esophagoplasty with repair of TEF, cervical approach (43305) | | 🞎 Per oral endoscopic myotomy (POEM) | |
| 🞎 Esophagoplasty with repair TEF, thoracic approach (43312) | | 🞎 Trans oral fundoplication | |
| 🞎 Esophagomyotomy (Heller type); thoracic approach (43331) | | 🞎 Esophageal lengthening procedure - open (Collis) Secondary Procedure code (43338) | |
| 🞎 Free jejunum transfer with microvascular anastomosis (43496) | | 🞎 Ligation or stapling at gastroesophageal junction for esophageal perforation (43405) | |
| 🞎 Unlisted procedure, esophagus (43499) | |  | |
| **Chest Wall and Neck** | | | |
| 🞎 Muscle flap, neck (15732) | | 🞎 Radical resection of sternum (21630) | |
| 🞎 Muscle flap; trunk (i.e., intercostal, pectoralis or serratus muscle) (15734) | | 🞎 Radical resection of sternum; with mediastinal lymphadenectomy (21632) | |
| 🞎 Excision of chest wall tumor including ribs (19260) | | 🞎 Hyoid myotomy and suspension (21685) secondary procedure code | |
| 🞎 Excision of chest wall tumor involving ribs, with reconstruction (19271) | | 🞎 Division of scalenus anticus; without resection of cervical rib (21700) | |
| 🞎 Excision tumor, soft tissue of neck or thorax; subcutaneous (21555) | | 🞎 Division of scalenus anticus; with resection of cervical rib (21705) | |
| 🞎 Excision tumor, soft tissue of neck or thorax; deep, subfascial, intramuscular (21556) | | 🞎 Reconstructive repair of pectus excavatum or carinatum; open (21740) | |
| 🞎 Radical resection of tumor (e.g., malignant neoplasm), soft tissue of neck or thorax (21557) | | 🞎 Reconstructive repair of pectus, minimally invasive approach (Nuss procedure), without thoracoscopy (21742) | |
| 🞎 Excision of rib, partial (21600) | | 🞎 Open treatment of sternum fracture with or without skeletal fixation (21825) | |
| 🞎 Excision first and/or cervical rib (21615) | | 🞎 Removal of sternal wire(s) | |
| 🞎 Excision first and/or cervical rib; with sympathectomy (21616) | | 🞎 Reconstructive repair of pectus, minimally invasive approach (Nuss procedure), with thoracoscopy (21743) | |
| 🞎 Major reconstruction, chest wall (posttraumatic) (32820) | | 🞎 Unlisted procedure, neck or thorax (21899) | |
| **Miscellaneous** | | | |
| 🞎 Thoracoscopy, diagnostic pericardial sac, with biopsy (32604) | | 🞎 SVC resection and reconstruction (34502) | |
| 🞎 Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac (32658) | | 🞎 Ligation thoracic duct (38381) | |
| 🞎 Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage (32659) | | 🞎 Intraoperative jejunostomy (44015) | |
| 🞎 Thoracoscopy, surgical; with total pericardiectomy (32660) | | 🞎 Omental flap (49904) | |
| 🞎 Thoracoscopy, surgical; with excision of pericardial cyst, tumor, or mass (32661) | | 🞎 Transthoracic thyroidectomy (60270) | |
| 🞎 Thoracoscopy, surgical; with thoracic sympathectomy (32664) | | 🞎 Removal substernal thyroid, cervical approach (60271) | |
| 🞎 Stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT),surgeon participation (32701) | | 🞎 Application of wound vac (97605, 97606) | |
| 🞎 Tube pericardiostomy (33015) | | 🞎 Pericardial window (33025) | |
| 🞎 Other Minor Procedure | | 🞎 Other | |
|  | | | |
| Enter Name of unlisted Procedure(s):  ProcOth (1510) | | | |
| Enter 5 digit CPT code(s) of unlisted procedure, if known:  ProcOthCPT (1520) | | | |

|  |  |
| --- | --- |
| **M. Discharge** | |
| Patient is still in the hospital 🞎 Yes 🞎 No StillInHosp (3860) | |
| *If No →* | **Discharge Status:** MtDCStat (3880) 🞎 Alive 🞎 Dead |

|  |
| --- |
| **N. Follow Up** |
| Date of Last Follow-Up: \_\_\_\_/\_\_\_/\_\_\_\_\_  LFUDate (3960) |
| Mortality Status at Last Follow-Up: 🞎 Alive 🞎 Dead  LFUMortStat (3970) |
| Mortality Date: \_\_\_\_/\_\_\_/\_\_\_\_\_  MortDate (3980) |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O. Quality Measures** | | | | | | | | | | | |
| IV antibiotics ordered to be given within 1 hour before incision:  IVAntibioOrdered (3990) | | | | | 🞎 Yes | | | 🞎 No | | 🞎 Not indicated for procedure | |
| IV antibiotics given within 1 hour before incision:  IVAntibioGiven (4000) | | | | | 🞎 Yes | | | 🞎 No | | 🞎 Not indicated for procedure | |
| Cephalosporin Antibiotic Ordered  CephalAntiOrdered (4010) | | 🞎 Yes | | 🞎 No | | 🞎 Not indicated for procedure | | | 🞎 Documented allergy or indication for therapeutic substitution | | |
| Prophylactic Antibiotic Discontinuation Ordered within 24 hour  AntibioticDiscOrdered (4020) | | 🞎 Yes | | 🞎 No | | 🞎 Not indicated for procedure | | | 🞎 No, due to documented infection | | |
| Smoking Cessation Counseling  SmokCoun (4030) | 🞎 Yes | | 🞎 No | | 🞎 Patient refused | | 🞎 Nonsmoker | | | | |
| DVT Prophylaxis Measures  DVTProphylaxis (4040) | 🞎 Yes | | 🞎 No | | 🞎 Not applicable | | | | | |  |