

Society of Thoracic  
Surgeons

General Thoracic Surgery  
5.21.1 Upgrade Webinar

March 24, 2021

The logo for the STS National Database is centered within a large white circle. It features the text "STS National Database" in a bold, sans-serif font, with "STS" in red and "National Database" in dark blue. A small trademark symbol (TM) is positioned to the upper right of the word "Database". Below this main text, the tagline "Trusted. Transformed. Real-Time." is written in a smaller, dark blue, sans-serif font.

**STS National Database**<sup>TM</sup>  
Trusted. Transformed. Real-Time.



# Agenda

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- Welcome and Introductions
- Call Overview
- DCF Walk Through
  - Starting at Tracheal Section
- Questions

# General Thoracic Surgery Database Data Collection

The STS General Thoracic Surgery Database is currently operating under version 2.41 (as of July 1, 2018). Data collection forms, training manuals, and additional resources are available to assist in data collection.

## ▼ Version 5.21.1

*Training Manual - Coming Soon*

*Data Collection Form (DCF) - Effective July, 2021*

- [Annotated DCF \(Draft\)](#) - Updated March 4, 2021

5.21.1  
**DRAFT** Data  
Collection  
Form Now  
Posted on  
STS Website



# Required Fields – version 5.21

- ECOG - Will only be required on Analyzed cases
- It will show up on the MVR, but you can filter it out
- All other required (blue underlined) fields will be required on all cases

# Procedure Weighting – version 5.21

- High Score Wins: This indicates what should be coded as your primary procedure
- Playing Football (highest weight, ties ignored, should be the primary procedure):
  - 70 – Esophagectomy
  - 60 - Lung Cancer Resection
  - 50 - Thymus/Mediastinal
  - 40 - Tracheal Resection
  - 30 - Hiatal Hernia/GERD
  - 20 - Concomitant Lung
  - 10 - Minor procedures
- Each procedure listed in the section above will get the section weight.
- Task force consensus that the "biggest" procedure performed is an Esophagectomy
- Flags will fire at IQVIA if it is coded incorrectly

Check ALL of the procedures performed. Indicate (circle) the Primary Procedure.  
Proc (1490) Primary (1500)

### Analyzed Procedures

#### Lung Cancer Resection (Required)

Analyzed Cases	<input type="checkbox"/> Thoracoscopy, surgical; with lobectomy (32663)**	<input type="checkbox"/> Removal of lung, two lobes ( <u>bilobectomy</u> ) (32482)**
	<input type="checkbox"/> Thoracoscopy with therapeutic wedge resection ( <u>eg</u> mass or nodule, initial, unilateral) (32666)**	<input type="checkbox"/> Removal of lung, single segment (segmentectomy) (32484)**
	<input type="checkbox"/> Thoracoscopy with removal of a single lung segment (segmentectomy) (32669)**	<input type="checkbox"/> Removal of lung, sleeve lobectomy (32486)**
	<input type="checkbox"/> Thoracoscopy with removal of two lobes ( <u>bilobectomy</u> ) (32670)**	<input type="checkbox"/> Removal of lung, completion pneumonectomy (32488)**
	<input type="checkbox"/> Thoracoscopy with removal of lung, pneumonectomy (32671)**	<input type="checkbox"/> Resection and repair of portion of bronchus ( <u>bronchoplasty</u> ) when performed at time of lobectomy or segmentectomy (32501)**
	<input type="checkbox"/> Thoracotomy with therapeutic wedge resection ( <u>eg</u> mass nodule) initial (32505)**	<input type="checkbox"/> Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, without chest wall reconstruction(s) (32503)
	<input type="checkbox"/> Removal of lung, total pneumonectomy; (32440)**	<input type="checkbox"/> Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, with chest wall reconstruction (32504)
	<input type="checkbox"/> Removal of lung, sleeve (carinal) pneumonectomy (32442)**	<input checked="" type="checkbox"/> Resection of lung with resection of chest wall
	<input type="checkbox"/> Removal of lung, single lobe (lobectomy) (32480)**	<input checked="" type="checkbox"/> Thoracic lymphadenectomy, regional, including mediastinal and peritracheal nodes (38746)
	<input type="checkbox"/> Thoracoscopy with therapeutic wedge resection ( <u>eg</u> mass or nodule) each additional resection, ipsilateral (32667) List separately in addition to primary procedure code	<input type="checkbox"/> Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (+32507), List separately in addition to primary proc code
	<input type="checkbox"/> Thoracoscopy with mediastinal and regional lymphadenectomy (+32674) List separately in addition to primary procedure code	<input type="checkbox"/> Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (32668), List separately in addition to primary procedure code
	<input type="checkbox"/> Thoracotomy with therapeutic wedge resection ( <u>eg</u> mass nodule) each additional resection, ipsilateral (+32506) List separately in addition to primary procedure code	

38746 was removed appropriately.

Proc (1480) Primary (1480)

### Major/Analyzed Procedures

(must complete required fields that are underlined and in blue)

#### Lung Cancer Resection (Required)

Analyzed Cases	<input type="checkbox"/> Thoracoscopy, surgical; with lobectomy (32663) **	<input type="checkbox"/> Removal of lung, two lobes ( <u>bilobectomy</u> ) (32482) **
	<input type="checkbox"/> Thoracoscopy with therapeutic wedge resection ( <u>eg</u> mass or nodule) initial, unilateral (32666) **	<input type="checkbox"/> Removal of lung, single segment (segmentectomy) (32484) **
	<input type="checkbox"/> Thoracoscopy with removal of a single lung segment (segmentectomy) (32669) **	<input type="checkbox"/> Removal of lung, sleeve lobectomy (32486) **
	<input type="checkbox"/> Thoracoscopy with removal of two lobes ( <u>bilobectomy</u> ) (32670) **	<input type="checkbox"/> Removal of lung, completion pneumonectomy (32488) **
	<input type="checkbox"/> Thoracoscopy with removal of lung, pneumonectomy (32671) **	<input type="checkbox"/> Resection and repair of portion of bronchus ( <u>bronchoplasty</u> ) when performed at time of lobectomy or segmentectomy (32501) **
	<input type="checkbox"/> Thoracotomy with therapeutic wedge resection ( <u>eg</u> mass nodule) initial (32505) **	<input type="checkbox"/> Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, without chest wall reconstruction(s) (32503)
	<input type="checkbox"/> Removal of lung, total pneumonectomy; (32440) **	<input type="checkbox"/> Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, with chest wall reconstruction (32504)
	<input type="checkbox"/> Removal of lung, sleeve (carinal) pneumonectomy (32442) **	<input type="checkbox"/> Resection of lung with resection of chest wall
	<input type="checkbox"/> Removal of lung, single lobe (lobectomy) (32480) **	
Concomitant Procedures	<input type="checkbox"/> Thoracoscopy with therapeutic wedge resection ( <u>eg</u> mass or nodule) each additional resection, ipsilateral (32667) List separately in addition to primary procedure code	<input type="checkbox"/> Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (+32507), List separately in addition to primary proc code
	<input type="checkbox"/> Thoracoscopy with mediastinal and regional lymphadenectomy (+32674) List separately in addition to primary procedure code	<input type="checkbox"/> Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (32668), List separately in addition to primary procedure code
	<input type="checkbox"/> Thoracotomy with therapeutic wedge resection ( <u>eg</u> mass nodule) each additional resection, ipsilateral (+32506) List separately in addition to primary procedure code	

32674 will be removed in the next upgrade.





Code both Robotic (seq 1400) and Robotic-Assisted Surgery (S2900) for robotic surgeries

E. Operative					
Date of Surgery: ** ____/____/____ SurgDt (1310)					
OR Entry Time: ____:____:____ OREntrT (1320)		Anesthesia Start Time: ____:____:____ AnesthStartT (1340)		Procedure Start Time: ____:____:____ ProcStartT (1360)	
OR Exit Time: ____:____:____ ORExitT (1330)		Anesthesia End Time: ____:____:____ AnesthEndT (1350)		Procedure End Time: ____:____:____ ProcEndT (1370)	
Multi-Day Operation (operation continued through midnight) <input type="checkbox"/> Yes <input type="checkbox"/> No MultiDay (1380)					
Status of Operation: <input type="checkbox"/> Emergent <input type="checkbox"/> Urgent <input type="checkbox"/> Palliative Status (1390)					
Assisted by Robotic Technology: <input type="checkbox"/> Yes <input type="checkbox"/> No Robotic (1400)					
Unanticipated Surgical Approach Conversion: <input type="checkbox"/> Yes, VATS → Open <input type="checkbox"/> Yes, Robotic → VATS <input type="checkbox"/> Yes, Robotic → Open <input type="checkbox"/> No UnanticConv (1410)					
(If Conversion any 'Yes' →)		Unanticipated Conversion Type: <input type="checkbox"/> Elective <input type="checkbox"/> Emergent UnanticConvTy (1420)			
		Conversion Reason: <input type="checkbox"/> Vascular <input type="checkbox"/> Anatomy <input type="checkbox"/> Lymph Nodes <input checked="" type="checkbox"/> Other UnanticConvRsn (1430)			
Blood transfusion intraoperatively (packed red blood cells) <input type="checkbox"/> Yes <input type="checkbox"/> No IntraopPRBC (1440)		(If Yes →) #Red Blood Cell Units: ____ IntraopPRBCNum (1450)			
ASA Classification: ** <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V <input type="checkbox"/> VI					

Miscellaneous	
<input type="checkbox"/> Thoracoscopy, diagnostic pericardial sac, with biopsy (32604)	<input type="checkbox"/> SVC resection and reconstruction (34502)
<input type="checkbox"/> Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac (32658)	<input type="checkbox"/> Ligation thoracic duct (38381)
<input type="checkbox"/> Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage (32659)	<input type="checkbox"/> Omental flap (49904)
<input type="checkbox"/> Thoracoscopy, surgical; with total pericardiectomy (32660)	<input type="checkbox"/> Transthoracic thyroidectomy (60270)
<input type="checkbox"/> Thoracoscopy, surgical; with excision of pericardial cyst, tumor, or mass (32661)	<input type="checkbox"/> Removal substernal thyroid, cervical approach (60271)
<input type="checkbox"/> Thoracoscopy, surgical; with thoracic sympathectomy (32664)	<input type="checkbox"/> Application of wound vac (97605, 97606)
<input type="checkbox"/> Stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT), surgeon participation (32701)	<input type="checkbox"/> Pericardial window (33025)
<input type="checkbox"/> Tube pericardiostomy (33015)	<input type="checkbox"/> Other Minor Procedure
<input type="checkbox"/> Insertion of Tunneled CV Catheter (36561)	<input type="checkbox"/> Robotic-Assisted Surgery (capture as an additional code) (S2900)
<input type="checkbox"/> Other	
(If "Other Minor Procedure", "Other" or one of the "unlisted" procedures →)	Enter Name of unlisted Procedure(s): _____ ProcOth (1490)
	Enter 5 digit CPT code(s) of unlisted procedure, if known: _____ ProcOthCPT (1500)





# Contact Information

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# Upcoming GTSD Webinars



Monthly Webinar

April 14 @ 1:30pm CT



Upgrade Webinar

April 28 @ 2:30 CT