



The Society of Thoracic Surgeons General Thoracic Surgery Database Data Collection Form Version 2.07

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A. Demographics

Participant ID: _____ ParticID (70)

Medical Record # _____ MedRecN (100)

First Name: _____ PatFName (110) MI: _____ PatMInit (120) Last: _____ PatLName(130) SSN: _____ SSN (140)

Date of Birth: ____/____/____ DOB (150) Age: _____ Age (190) Postal Code: _____ PostalCode (160)

Gender: (Male) (Female) Gender (170) Race: (Select all that apply) (Caucasian) (Black) (Hispanic) (Asian) (Native American) (Other)
RaceCaucasian (181) RaceBlack (182) RaceHispanic (183) RaceAsian (184) RaceNativeAm (185) RaceOther (186)

B. Admission

Zubrod Score _____ Zubrod (200) Surgeon: _____ Surgeon (210) Hospital: _____ HospName (230)

Hospital Postal Code _____ HospZIP (245) Admission Date ____/____/____ AdmitDt (250) Surgery Date ____ SurgDt (260)

C. Pre-Operative Risk Factors

Height _____ (cm) _____ (In) Weight _____ (kg) _____ (lbs) Wt loss over last 3 months? Enter "0" if none _____ (kg)
HeightCm (280) HeightIn (285) WeightKg (290) WeightLbs (295) WtLoss3Kg (300)

Category of Disease (select one) Category (310)

- | | | |
|--|--|---|
| <input type="checkbox"/> Trachea - Malignant | <input type="checkbox"/> Pleura - Neoplastic | |
| <input type="checkbox"/> Trachea - Benign | <input type="checkbox"/> Pleura - Infection | → If Lung or Pleural Infection: (select one) Infection (320) |
| <input type="checkbox"/> Lung - Primary | <input type="checkbox"/> Pleura - Other | (Gram-(+) bacteria) (Gram-(-) bacteria) (Fungal) (Mycobacterium Tuberculosis) |
| <input type="checkbox"/> Lung - Benign | <input type="checkbox"/> Esophagus - Primary | (Multi-drug resistant tuberculosis) (Mycobacterium other than tuberculosis) (Culture (-)) |
| <input type="checkbox"/> Lung - Infection | <input type="checkbox"/> Esophagus - Benign | |
| <input type="checkbox"/> Mediastinum | <input type="checkbox"/> Primary Chest Wall | TraumaOR (322) TraumaTy (325) |
| <input type="checkbox"/> Metastases - Lung | <input type="checkbox"/> Trauma | → Trauma Requiring OR Intervention: (No) (Yes) if yes, select type: (Penetrative) |
| <input type="checkbox"/> Metastases - Other | <input type="checkbox"/> Other | (Non-penetrative) |

Comorbidities: (Yes) ↓ (No) Comorb (335)

- (Select all that apply)
- | | |
|--|--|
| <input type="checkbox"/> PreOp Chemotherapy → Indicate When: (Any time - same disease) (Within 6 mths – unrelated) (> 6 mths – unrelated) | |
| <input type="checkbox"/> Hypertension Hypertn (340) PreopChemo (390) PreopChemoWhen (395) | |
| <input type="checkbox"/> Steroids Steroid (350) <input type="checkbox"/> PreOp Thoracic RT → Indicate When: (Any time - same disease) (Within 6 mths – unrelated) (> 6 mths – unrelated) | |
| <input type="checkbox"/> CHF CHF (360) PreopXRT (400) PreopXRTWhen (405) | |
| <input type="checkbox"/> Coronary Artery Disease CAD (370) <input type="checkbox"/> Prior CTS PriorCTS (410) → If Prior CTS, When: (Prior Admission) (Current Admission) WhenPrior (420) | |
| <input type="checkbox"/> Peripheral vascular disease PVD (380) <input type="checkbox"/> Other OtherComorb (430) | |

- Tobacco Use: (Yes) ↓ (No) → Tobacco (445) When Patient Quit Smoking: (Select one) Never Smoked (<100 cigarettes/lifetime)
- (Select all that apply) QuitSmoking (500) 0 –14 days preop (Current smoker)
- | | |
|--|---|
| <input type="checkbox"/> SmokelessTobChew(450) <input type="checkbox"/> Other TobOther (490) | <input type="checkbox"/> > 14 days and <= 1mo preop |
| <input type="checkbox"/> CigarettesTobCig(460) →Pack-Years ___ PackYear (470) | <input type="checkbox"/> > 1mo and <=12 mo preop |
| <input type="checkbox"/> Pipe/Cigar TobPipe (480) | <input type="checkbox"/> >12 months preop |

Cerebrovascular History CerebroHx (510) Diabetes : (Yes) ↓ (No) Diabetes (522) Renal insufficiency History RenalHx (530)

- | | | |
|---|---|---|
| <input type="checkbox"/> No CVD history | Diabetes control: <input type="checkbox"/> None | <input type="checkbox"/> No renal insufficiency |
| <input type="checkbox"/> Any reversible event | DiabCtrl(525) <input type="checkbox"/> Diet | <input type="checkbox"/> Creatinine > = 2 |
| <input type="checkbox"/> Any irreversible event | <input type="checkbox"/> Oral | <input type="checkbox"/> Dialysis of any type |
| | <input type="checkbox"/> Insulin | |

Clinical Staging (If appropriate category of disease)

Preoperative PFT'S

Clinical Staging: (Yes) ↓ (No) ClinStage (545)

Pulmonary Function Tests Done: (Yes) ↓ (No) PFT (592)

Clinical Stage T: (1) (2) (3) (4) (X) (O) (S) ClinT (550)

Test Performed %Predicted Actual

Clinical Stage N: (1) (2) (3) (X) (O) ClinN (560)

FVC (Yes) (No) FVC (596) If Yes → ___ FVCPred(610) ___ FVCAct(600)

Clinical Stage M: (1) (X) (O) ClinM (570)

FEV₁ (Yes) (No) FEV (616) If Yes → ___ FEVPred(630) ___ FEVAct(620)

(Esophagus): (M1a) (M1b) ClinMAB (580)

DLCO (Yes) (No) DLCO (636) If Yes → ___ DLCOPred(650)

(Tranverse sternotomy) (Laparotomy) (Laparoscopy) (Cervical) (Subxyphoid) (Other approach)
ApprTranStern (756) ApprLptomy (757) ApprLpscpsy (758) ApprCerv (759) ApprSubx (760) ApprOther (761)

Laterality: (Right) (Left) (Both) Laterality (765)

E. Post Operative Events

The postoperative period, in which postoperative events can be captured, is defined as one of the following:

1. Immediately postoperatively until discharge from the acute care facility, if discharged > 30 days after procedure.
2. Immediately postoperatively, up to 30 days, if discharged from the acute care facility prior to 30 days.

Postoperative Events Occurred: (Yes) ↓ (No) POEvents (775)

(If yes, select all that apply)

Pulmonary

- Air leak > 5 days duration
AirLeak5 (790)
- Atelectasis req bronch
Atelectasis (850)
- Pneumonia
Pneumonia (860)
- ARDS
ARDS (870)
- Bronchopleural fistula
Bronchopleural (880)
- Pulmonary embolus
PE (890)
- Initial vent support > 48 hrs
Vent (900)
- Reintubation
Reintube (910)
- Tracheostomy
Trach (920)
- Other pulmonary event
OtherPul (930)
- Cardiovascular**
- Atrial arrhythmia req Rx
AtrialArryth (940)
- Ventricular arrhythmia req Rx
VentArryth (950)
- Myocardial infarct
MI (960)
- DVT req Rx
DVT (970)
- Other CV event
OtherCV (980)

Gastrointestinal

- Gastric outlet obstruction
GastricOutlet (990)
- Ileus
Ileus (1000)
- Anastomotic leak req medical Rx only
AnastoMed (1010)
- Anastomotic leak req surgical intervention
AnastoSurg (1020)
- Dilatation esophagus prior to discharge
DilationEsoph (1030)
- Other GI event
OtherGI (1040)

Hematology

- Bleeding requiring re-operation
BleedOperate (1050)
- Blood transfusion postop
TransPostop (1067)
- Other hematology or bleeding event req Rx
OtherHema (1070)

Infection

- Urinary tract infection
UTI (1080)
- Empyema
Empyema (1090)
- Wound infection
WoundInfect (1100)
- Sepsis
Sepsis (1110)

Neurology

- New central neurological event (TIA, CVA, etc.)
CentNeuroEvt (1130)
- Recurrent laryngeal nerve paresis or paralysis
RecLarynParesis (1140)
- Other neurological event
OtherNeuro (1150)

Miscellaneous

- New renal failure req Rx or worsening (Cr >=2x preop)
NewRenalFail (1160)
- Chylothorax req drainage / medical Rx only
ChyloMed (1170)
- Chylothorax req surgical intervention
ChyloSurg (1180)
- Delerium tremens
Delirium (1190)
- Other events req medical Rx (incl. endoscopy)
OtherMed (1200)
- Other events req OR with general anesthesia
OtherSurg (1210)

F. Discharge

Discharge Date: ___/___/___ DischDt (1220)

Discharge Status: (Alive) (Dead) MtDCStat (1230)

Date of Death: ___/___/___ MtDate (1240)

Status at 30 days after surgery: (Alive) (Dead) (Unknown) Mt30Stat (1250)

Chest tube used during this admission: (Yes) ↓ (No) CTubeUse (1270)

Discharged with chest tube in: (Yes) (No) ↓ CTubeDis (1275)

Chest Tube Out Date : ___/___/___ CTubeOutDate(1280)

Pathological Staging Applicable: (Yes) ↓ (No) PathStage (1305)

Pathological Stage T: (1) (2) (3) (4) (X) (O) (S) PathT (1310)

Pathological Stage N: (1) (2) (3) (X) (O) PathN (1320)

Pathological Stage M: (1) (X) (O) PathM (1330)

(Esophagus): (M1a) (M1b) PathMAB (1340)

Form completed by: _____