

ShortName: RecordID SeqNo: 10
FieldName: Operations Table Record Identifier Core: Yes
Definition: An arbitrary, unique number that permanently identifies each record in the participant's database (note that unlike the PatID value, this does not identify the individual patient). Once assigned to a record, this number can never be changed or reused. The value by itself can be used to identify the record in the participant's database. When used in conjunction with the ParticID value, it can identify the record in the data warehouse database. The data warehouse will use this value to communicate issues about individual records with the participant. This value may also be at the warehouse to link to other clinical data. Harvest: Yes
Format: Integer
DataSource: Automatic **Default:** (unique value) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Assigned value, automatically inserted by software **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Changed Definition - replaced entire definition text.

ShortName: RecordID SeqNo: 20
FieldName: Procedures Table Record Identifier Core: Yes
Definition: This field is the foreign key that links this record with the associated records in the "Operations" table. Harvest: Yes
Format: Integer
DataSource: Automatic **Default:** (database assigned value) **TableName:** Procedures
ParentField: **ParentValue:**
ValidData: **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: VendorID SeqNo: 30
FieldName: Software vendor's identification Core: Yes
Definition: Software vendor's identification assigned by the STS. Harvest: Yes
Format: Text length 8
DataSource: Automatic **Default:** (assigned value) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Assigned value, automatically inserted by software **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: SoftVrsn SeqNo: 40
FieldName: Vendor's software version number Core: Yes
Definition: Vendor's software product version number identifying the software which created this record. Vendor controls the value in this field. Version passing certification/harvest testing will be noted at warehouse. Harvest: Yes
Format: Text length 20
DataSource: Automatic **Default:** (assigned value) **TableName:** Operations
ParentField: **ParentValue:**

ValidData: Assigned value, automatically inserted by software UsualRange:
 HarvestCoding:
 ChangeFromV1_3: 1. Changed Defintion - Replaced entire defintion text.

ShortName: DataVrsn SeqNo: 50
 FieldName: Version of STS Data Specification Core: Yes
 Definition: Version number of the STS Data Specifications/Dictionary, to which the record conforms. The value will identify which fields should have data, and what are the valid data for those fields. It must be the version implemented in the software at the time the record was created. The value must be entered into the record automatically by the software. Harvest: Yes
 Format: Text length 8
 DataSource: Automatic Default: (assigned value) TableName: Operations
 ParentField: ParentValue:
 ValidData: Assigned value, automatically inserted by software UsualRange:
 HarvestCoding:
 ChangeFromV1_3: 1. Changed Definition - Entire defintion text replaced.

ShortName: RecComp SeqNo: 60
 FieldName: Record complete Core: Yes
 Definition: Indicate whether the record data is complete or not. This entry is made by the software data quality check process. This field does not impact a procedure's harvest status. It is intended as an internal quality control field for data managers at site. Harvest: No
 Format: Text (categorical values specified by STS)
 DataSource: Calculated Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed Defintion - Entire defintion text replaced.

ShortName: ParticID SeqNo: 70
 FieldName: Participant ID Core: Yes
 Definition: Participant ID is a unique number assigned to each database Participant by the STS. A database Participant is defined as one entity that signs a Participation Agreement with the STS, submits one data file to the harvest, and gets back one report on their data. The ParticipantID must be entered into each record. Harvest: Yes
 Format: Text length 5
 DataSource: Automatic or User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Value assigned by the STS UsualRange:
 HarvestCoding:
 ChangeFromV1_3: 1. Changed Definition - Entire definition text replaced.

ShortName: PatID SeqNo: 80
 FieldName: Operations Table Patient Identifier Core: Yes
 Definition: The foreign key that links this record with the associated records in the "PatientInfo" table. Harvest: Yes

Format: Integer

DataSource: Automatic

Default: (database assigned value)

TableName: Operations

ParentField:

ParentValue:

ValidData: Assigned value, automatically inserted by software

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: PatID

SeqNo: 90

FieldName: Demographics Table Patient Identifier

Core: Yes

Definition: An arbitrary number that uniquely identifies this patient in the database. This field is the primary key that links this record with the associated records in the "STSDData" table. The value in this field can not be a value that would identify the patient outside of the database (such as Medical Record Number or Social Security Number). Once a value is assigned to a patient, it can never be changed or reused.

Harvest: Yes

Format: Integer

DataSource: Automatic

Default: (unique value)

TableName: Demographics

ParentField:

ParentValue:

ValidData: Assigned value, automatically inserted by software

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: MedRecN

SeqNo: 100

FieldName: Medical Record #

Core: Yes

Definition: Indicate the hospital medical number assigned to the patient.

Harvest: No

Format: Text length 11

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData:

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: PatFName

SeqNo: 110

FieldName: Patient's first name

Core: Yes

Definition: Indicate the first name of the patient.

Harvest: No

Format: Text length 20

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData:

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: PatMInit

SeqNo: 120

FieldName: Patient's middle initial

Core: Yes

Definition: Indicate the middle initial of the patient.

Harvest: No

Format: Text length 1

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData:

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: PatLName

SeqNo: 130

FieldName: Patient's last name

Core: Yes

Definition: Indicate the last name of the patient.

Harvest: No

Format: Text length 25

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData:

UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: SSN

SeqNo: 140

FieldName: Social Security Number

Core: Yes

Definition: Indicate the nine-digit Patient's Social Security Number (SSN). Although this is the Social Security Number in the USA, other countries may have a different National Patient Identifier Number. For example in Canada, this would be the Social Insurance Number.

Harvest: No

Format: Text length 11

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData:

UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Changed Defintion - Entire definition text replaced.

ShortName: DOB

SeqNo: 150

FieldName: Date of birth

Core: Yes

Definition: Patient Date of Birth using 4-digit format for year. Harvest is Optional due to a variety of confidentiality issues at facilities. Participant will choose whether Harvest=Yes or Harvest=No.

Harvest: Optional

Format: Date in mm/dd/yyyy format

DataSource: User

Default: (Null/blank = missing)

TableName: Demographics

ParentField:

ParentValue:

ValidData: Date value in mm/dd/yyyy format

UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Changed Defintion - Entire definition text replaced.

ShortName: PostalCode

SeqNo: 160

FieldName: Patient's zip code

Core: Yes

Definition: The ZIP Code of the patient's residence. Outside the USA, this data may be known by

Harvest: Optional

other names such as Postal Code (6 characters). Software should allow sites to collect up to 10 characters to allow for Zip+4 values. Harvest is Optional due to a variety of confidentiality issues at facilities. Participant will choose whether Harvest=Yes or Harvest=No.

Format: Text length 10

DataSource: User Default: (Null/blank = missing) TableName: Demographics

ParentField: ParentValue:

ValidData: UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Harvest changed from Yes to Optional.

ShortName: Gender SeqNo: 170

FieldName: Gender Core: Yes

Definition: Indicate the patient's gender at birth as either male or female. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Demographics

ParentField: ParentValue:

ValidData: Male;Female UsualRange:

HarvestCoding: 1 = Male
2 = Female

ChangeFromV1_3:

ShortName: Race SeqNo: 180

FieldName: Patient's race Core: Yes

Definition: Indicate the patient's race as determined by the patient or family. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Demographics

ParentField: ParentValue:

ValidData: Caucasian; Black; Hispanic; Asian; Native American; Other UsualRange:

HarvestCoding: 1 = Caucasian
2 = Black
3 = Hispanic
4 = Asian
5 = Native American
777 = Other

ChangeFromV1_3:

ShortName: Age SeqNo: 190

FieldName: Age at time of surgery Core: Yes

Definition: Indicate the patient's age in years, at time of surgery. This should be calculated from the date of birth and the date of surgery, according to the convention used in the USA (the number of birth date anniversaries reached by the date of surgery). Harvest: Yes

Format: Integer

DataSource: Automatic or User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: 1 - 110 UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: Zubrod SeqNo: 200
FieldName: Patient's Zubrod score Core: Yes
Definition: The Zubrod performance scale should be marked to indicate the level of the patient's performance measured within two weeks of the surgery date. The Zubrod performance scale is a measure of the patients function. Select the one description that best fits the patient. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: Automatic or User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: Normal activity, no symptoms; Symptoms but fully ambulatory; Symptoms but in bed less than 50% of the time; Symptoms but in bed >50% but less than 100%; Bedridden; Moribund UsualRange:
HarvestCoding: 0 = Normal activity, no symptoms
1 = Symptoms but fully ambulatory
2 = Symptoms but in bed less than 50% of the time
3 = Symptoms but in bed >50% but less than 100%
4 = Bedridden
5 = Moribund
ChangeFromV1_3: 1. Change Definition - Added "within two weeks of the surgery date".

ShortName: Surgeon SeqNo: 210
FieldName: Surgeon's name Core: Yes
Definition: Indicate the surgeon's name. This field must have controlled data entry where a user selects the SurgeonName from a user list. This will remove variation in spelling, abbreviations and punctuation within the field. Note: Surgeon name is encrypted in the analysis database. Punctuation, abbreviations and spacing differences can not be corrected at the warehouse. Harvest: No
Format: Text (categorical values specified by user)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: (elements of user list) Not free text. User maintains list of valid values. New values are made available through a utility that is separate from entering data record. UsualRange:
HarvestCoding:
ChangeFromV1_3:

ShortName: UPIN SeqNo: 220
FieldName: Surgeon's UPIN number Core: Yes
Definition: Surgeon's UPIN Number. This value is automatically inserted into the record when the user selects the surgeon. The list of surgeons and associated UPIN values are maintained by the user. Harvest: Yes
Format: Text length 9 (categorical values specified by User)
DataSource: Automatic or User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: UsualRange:
HarvestCoding:
ChangeFromV1_3:

ShortName: HospName SeqNo: 230

FieldName: Hospital Name **Core:** Yes

Definition: Indicate the full name of the facility where the procedure was performed. Values should be full, official hospital names with no abbreviations or variations in spelling for a single hospital. Values should also be in mixed-case. **Harvest:** No

Format: Text (categorical values specified by user) length must be sufficient to hold full hospital name

DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: **ParentValue:**

ValidData: (elements of user list) Not free text. User maintains list of valid values. New values are made available through a utility that is separate from entering data record. **UsualRange:**

HarvestCoding:

ChangeFromV1_3:

ShortName: HospCode **SeqNo:** 240

FieldName: Hospital code = AHA number **Core:** Yes

Definition: Indicate the Hospital code or AHA number. Values are automatically inserted into the record when the user selects the hospital name. The list of hospital names and associated hospital codes are maintained by the user. **Harvest:** Yes

Format: Text length 30 (categorical values specified by user)

DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: **ParentValue:**

ValidData: **UsualRange:**

HarvestCoding:

ChangeFromV1_3:

ShortName: HospZIP **SeqNo:** 245

FieldName: Hospital postal code **Core:** Yes

Definition: Indicate the ZIP Code of the hospital. Outside the USA, this data may be known by other names such as "Postal Code". **Harvest:** Yes

Format: Text length 10

DataSource: Automatic or User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: **ParentValue:**

ValidData: **UsualRange:**

HarvestCoding:

ChangeFromV1_3: 1. Add new field

ShortName: AdmitDt **SeqNo:** 250

FieldName: Admission date **Core:** Yes

Definition: Indicate the date of admission. For those patients who originally enter the hospital in an out-patient capacity (i.e. catheterization), the admit date is the date the patient's status changes to in-patient. **Harvest:** Yes

Format: Date in mm/dd/yyyy format

DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: **ParentValue:**

ValidData: Date value in mm/dd/yyyy format **UsualRange:**

HarvestCoding:

ChangeFromV1_3:

ShortName: **SurgDt** SeqNo: 260
FieldName: Date of surgery Core: Yes
Definition: Indicate the date of surgery, which equals the date the patient enters the OR. Harvest: Yes
Format: Date in mm/dd/yyyy format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Date value in mm/dd/yyyy format **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: **Consent** SeqNo: 270
FieldName: Acquired patient consent Core: No
Definition: Has the patient given informed consent for the use of his/her data in the STS GTS Database? Harvest: No
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Change Core from Yes to No.
 2. Change Harvest from Yes to No.

ShortName: **HeightCm** SeqNo: 280
FieldName: Height in centimeters Core: Yes
Definition: Indicate the height of the patient in centimeters. Harvest: Yes
Format: Real number 3.1 digits e.g. 999.9
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: 10 - 250 **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: **HeightIn** SeqNo: 285
FieldName: Height in inches Core: Yes
Definition: Indicate the height of the patient in inches. Harvest: No
Format: Real number 3.1 digits e.g. 999.9
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Add new field

ShortName: WeightKg SeqNo: 290
 FieldName: Weight in kilograms Core: Yes
 Definition: Indicate the weight of the patient in kilograms. Harvest: Yes
 Format: Real number 3.1 digits e.g. 999.9
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: 1 - 250 UsualRange:
 HarvestCoding:
 ChangeFromV1_3:

ShortName: WeightLbs SeqNo: 295
 FieldName: Weight in pounds Core: Yes
 Definition: Indicate the weight of the patient in pounds. Harvest: No
 Format: Real number 3.1 digits e.g. 999.9
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: UsualRange:
 HarvestCoding:
 ChangeFromV1_3: 1. Add new field

ShortName: WtLoss3Kg SeqNo: 300
 FieldName: Weight loss in the three months Core: Yes
 Definition: Indicate by the number of kilograms lost, whether the patient has experienced any weight loss in the last three months. Enter "0" if answer is "none". Harvest: Yes
 Format: Real number 3.1 digits e.g. 999.9
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: 0 - 250 UsualRange:
 HarvestCoding:
 ChangeFromV1_3:

ShortName: Category SeqNo: 310
 FieldName: Category of disease Core: Yes
 Definition: Indicate to which disease category the patient's primary disease process belongs. Harvest: Yes
 Indicate the disease category if known preoperatively, if unknown preoperatively, may enter postoperatively.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Trachea - Malignant; Trachea - Benign; Lung - Primary; Lung - Benign; Lung - Infection; Mediastinum; Metastases - Lung; Metastases - Other; Pleura -- Neoplastic; Pleura -- Infection; Pleura -- Other; Esophagus - Primary; Esophagus - Benign; Primary Chest Wall; Trauma; Other UsualRange:
 HarvestCoding: 05 = Trachea - Malignant

- 08 = Trachea - Benign
- 10 = Lung - Primary
- 20 = Lung - Benign
- 30 = Lung - Infection
- 40 = Mediastinum
- 50 = Metastases - Lung
- 60 = Metastases - Other
- 70 = Pleura -- Neoplastic
- 80 = Pleura -- Infection
- 90 = Pleura -- Other
- 100 = Esophagus - Primary
- 110 = Esophagus - Benign
- 120 = Primary Chest Wall
- 130 = Trauma
- 777 = Other

ChangeFromV1_3: 1. Change ValidData: Insert 3 new options: "Trachea - Malignant", "Trachea - Benign", "Trauma".
 2. Change HarvestCoding: Insert 3 new options: "05 = Trachea - Malignant", "08 = Trachea - Benign", "130 = Trauma".

ShortName: Infection SeqNo: 320
 FieldName: Lung Infection Type Core: Yes
 Definition: Indicate the type of lung or pleural infection. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: Category ParentValue: = "Lung - Infection" or "Pleura Infection"
 ValidData: Gram-(+) bacteria; Gram-(-) bacteria; Fungal; Mycobacterium Tuberculosis; Multi-drug resistant tuberculosis; Mycobacterium other than tuberculosis; Culture (-) UsualRange:
 HarvestCoding: 1 = Gram-(+) bacteria
 2 = Gram-(-) bacteria
 3 = Fungal
 4 = Mycobacterium Tuberculosis
 5 = Multi-drug resistant tuberculosis
 6 = Mycobacterium other than tuberculosis
 7 = Culture (-)

ChangeFromV1_3: 1. Change ValidData - Add "Culture (-)" option.
 2. Change HarvestCoding - Add "7 = Culture (-)" option.

ShortName: TraumaOR SeqNo: 322
 FieldName: Trauma Requiring OR Intervention Core: Yes
 Definition: Indicate whether a recent trauma resulted in a primary diagnosis that required OR intervention during this hospitalization. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: Category ParentValue: = "Trauma"
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No

ChangeFromV1_3: 1. Add new field.

ShortName: TraumaTy SeqNo: 325
 FieldName: Trauma Type Core: Yes
 Definition: Indicate the type of trauma that resulted in a primary diagnosis that required OR intervention during this hospitalization. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TraumaOR ParentValue: = "Yes"

ValidData: Penetrative (i.e. gun shot wound, stabbing); Non-penetrative (i.e. motor vehicle accident) UsualRange:

HarvestCoding: 1 = Penetrative (i.e. gun shot wound, stabbing)
2 = Non-penetrative (i.e. motor vehicle accident)

ChangeFromV1_3: 1. Add new field

ShortName: NoComorb SeqNo: 330

FieldName: No comorbidities Core: Yes

Definition: Indicate if the patient has NO comorbid factors. If this value is Yes, then no other comorbidities can be selected. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: Hypertn SeqNo: 340

FieldName: Hypertension Core: Yes

Definition: Indicate whether the patient has a diagnosis of hypertension, documented by one of the following: Harvest: Yes
1. Documented history of hypertension diagnosed and treated with medication, diet and/or exercise
2. Blood pressure >140 systolic or >90 diastolic on at least 2 occasions.

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: Steroid SeqNo: 350

FieldName: Steroids Core: Yes

Definition: Indicate whether the patient was taking steroids within 24 hours of surgery and does not include a one time dose related to prophylaxis therapy (i.e. IV dye exposure for cath procedure or surgery pre-induction period) Non-systemic medications are not included in this category (i.e. nasal sprays, topical creams). Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: CHF SeqNo: 360
FieldName: Congestive heart failure Core: Yes
Definition: Indicate whether, within 2 weeks prior to the primary surgical procedure, a physician has diagnosed that the patient is currently in congestive heart failure (CHF). CHF can be diagnosed based on a careful history and physical exam, or by one of the following criteria: Harvest: Yes
1. Paroxysmal nocturnal dyspnea (PND)
2. Dyspnea on exertion (DOE) due to heart failure
3. Chest X-Ray (CXR) showing pulmonary congestion
4. Pedal edema or dyspnea and receiving diuretics or digoxin
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3:

ShortName: CAD SeqNo: 370
FieldName: Coronary artery disease Core: Yes
Definition: Indicate whether the patient has a history of coronary artery disease (CAD) as evidenced by one of the following: Harvest: Yes
1. Currently receiving medical treatment for CAD
2. History of Myocardial Infarction
3. Prior CV intervention including, but not limited to, CABG and/or PCI
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3: 1. Changed Defintion - Entire definition text replaced.

ShortName: PVD SeqNo: 380
FieldName: Peripheral vascular disease Core: Yes
Definition: Indicate whether the patient has Peripheral Vascular Disease, as indicated by claudication either with exertion or rest; amputation for arterial insufficiency; aorto-iliac occlusive disease reconstruction; peripheral vascular bypass surgery, angioplasty, or stent; documented AAA, AAA repair, or stent; positive non-invasive testing documented. Does not include procedures such as vein stripping, carotid disease, or procedures originating above the diaphragm. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3:

ShortName: PreopChemo SeqNo: 390
 FieldName: Preoperative chemotherapy Core: Yes
 Definition: Indicate if the patient has received preoperative chemotherapy for any reason prior to this operation. May be included as a component of a chemotherapy radiation induction therapy. This item should also be selected if the medical oncologist gave the patient chemotherapy prior to sending the patient for any surgical evaluation, if the intent of the medical oncologist was to "shrink the tumor" prior to surgical intervention. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed Defintion - Entire definition text replaced.

ShortName: PreopChemoWhen SeqNo: 395
 FieldName: Preoperative chemotherapy - When Core: Yes
 Definition: Indicate whether the prior chemotherapy treatment was: Harvest: Yes
 1 = received any time prior to this hospitalization to treat this occurrence or any previous occurrence of the same primary disease process that is being treated during this hospitalization
 2 = received within 6 months of this hospitalization to treat an unrelated disease
 3 = received more than 6 months prior to this hospitalization to treat an unrelated disease.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: PreopChemo ParentValue: = "Yes"
 ValidData: Any time prior to hospitalization to treat the same primary disease; Within 6 months to treat an unrelated disease; More than 6 months prior to hospitalization to treat an unrelated disease UsualRange:
 HarvestCoding: 1 = Any time prior to hospitalization to treat the same primary disease
 2 = Within 6 months to treat an unrelated disease
 3 = More than 6 months prior to hospitalization to treat an unrelated disease
 ChangeFromV1_3: 1. Add new field.

ShortName: PreopXRT SeqNo: 400
 FieldName: Preoperative Thoracic Radiation Therapy Core: Yes
 Definition: Indicate if the patient has received preoperative radiation therapy to the chest for any reason prior to this operation. May be included as a component of a chemotherapy radiation induction therapy. This item should also be selected if the radiation oncologist gave the patient radiation therapy prior to sending the patient for any surgical evaluation, if the intent of the radiation oncologist was to "shrink the tumor" prior to surgical intervention. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed FieldName from "Preoperative X-ray therapy" to "Preoperative Thoracic Radiation Therapy". Note that the ShortName did not change.

ShortName: PreopXRTWhen SeqNo: 405
 FieldName: Preoperative Thoracic Radiation Therapy - When Core: Yes
 Definition: Indicate whether the prior radiation therapy was: Harvest: Yes
 1 = received any time prior to this hospitalization to treat this occurrence or
 any previous occurrence of the same primary disease process that is
 being treated during this hospitalization
 2 = received within 6 months of this hospitalization to treat an unrelated disease
 3 = received more than 6 months prior to this hospitalization to treat an unrelated
 disease.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: PreopXRT ParentValue: = "Yes"
 ValidData: Any time prior to hospitalization to treat the same primary UsualRange:
 disease; Within 6 months to treat an unrelated disease; More
 than 6 months prior to hospitalization to treat an unrelated disease
 HarvestCoding: 1 = Any time prior to hospitalization to treat the same primary disease
 2 = Within 6 months to treat an unrelated disease
 3 = More than 6 months prior to hospitalization to treat an unrelated disease
 ChangeFromV1_3: 1. Add new field

ShortName: PriorCTS SeqNo: 410
 FieldName: Prior Cardiothoracic Surgery Core: Yes
 Definition: Indicate whether the patient has undergone any prior cardiac and/or general thoracic Harvest: Yes
 surgical procedure that required a general anesthetic and an incision into the chest or
 mediastinum. A thoracotomy, median sternotomy, anterior mediastinotomy or
 thoracoscopy would be included here. A cervical mediastinoscopy or tube thoracostomy
 would not be included.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: WhenPrior SeqNo: 420
 FieldName: When Prior CT Surgery was Performed Core: Yes
 Definition: Indicate when the prior cardiac and/or general thoracic surgery was done. If patient has Harvest: Yes
 history of more than one prior cardiac and/or general thoracic surgery, indicate the time
 frame for the most recent procedure.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Prior admission; Current admission UsualRange:
 HarvestCoding: 1 = Prior admission
 2 = Current admission
 ChangeFromV1_3:

ShortName: OtherComorb SeqNo: 430
 FieldName: Other comorbidity Core: Yes
 Definition: Indicate whether the patient had one or more other co-morbidities not listed above. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: TobNone SeqNo: 440

FieldName: Tobacco use - None Core: Yes

Definition: Indicate if the patient has had No tobacco use. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: TobChew SeqNo: 450

FieldName: Smokeless tobacco use Core: Yes

Definition: Indicate whether the patient has a history of using smokeless tobacco. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TobNone ParentValue: <> "Yes"

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Change ParentField from blank to "TobNone".
2. Change ParentValue from blank to "<> "Yes" "

ShortName: TobCig SeqNo: 460

FieldName: Cigarette use Core: Yes

Definition: Indicate whether the patient has a history of using cigarettes. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TobNone ParentValue: <> "Yes"

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Change ParentField from blank to "TobNone".
2. Change ParentValue from blank to "<> "Yes" "

ShortName: PackYear SeqNo: 470

FieldName: Pack-years of cigarette use Core: Yes

Definition: Indicate the number of pack-years by multiplying the average number of packs of cigarettes smoked per day by the number of years of smoking. For example if the patient smoked 1 ppd for 10 years and 3 ppd for the next 10 years, the average ppd would be 2 ppd x 20 years = 40 pack-years of smoking. Harvest: Yes

Format: Integer

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TobNone ParentValue: <> "Yes"

ValidData: 1 - 210 UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Change ParentField from blank to "TobNone".
2. Change ParentValue from blank to "<> "Yes" "

ShortName: TobPipe SeqNo: 480

FieldName: Pipe or cigar use Core: Yes

Definition: Indicate whether the patient has a history of using pipe or cigars. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TobNone ParentValue: <> "Yes"

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Change ParentField from blank to "TobNone".
2. Change ParentValue from blank to "<> "Yes" "

ShortName: TobOther SeqNo: 490

FieldName: Other tobacco use Core: Yes

Definition: Indicate whether the patient has a history of any other tobacco or tobacco related product use. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: TobNone ParentValue: <> "Yes"

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Change ParentField from blank to "TobNone".
2. Change ParentValue from blank to "<> "Yes" "

ShortName: QuitSmoking SeqNo: 500

FieldName: When Patient Quit Smoking Core: Yes

Definition: Indicate how many days prior to the operation the patient quit smoking. Choose "0-14 days pre-op" of the patient is a current smoker. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Never smoked; 0-14 days pre-op (current smoker); >14 days and <=1 month pre-op; >1 month and <=12 months pre-op; >12 months pre-op UsualRange:

HarvestCoding: 1 = Never smoked
2 = 0-14 days pre-op (current smoker)

- 3 = >14 days and <=1 month pre-op
- 4 = >1 month and <=12 months pre-op
- 5 = >12 months pre-op

ChangeFromV1_3: 1. Change ValidData - Change "0 - 14 days preop" to "0 - 14 days preop (current smoker)"
 2. Change HarvestCoding - Change " 2 = 0 - 14 days preop" to "2 = 0 - 14 days preop (current smoker)"
 3. Change Definition - Entire definition text replaced.

ShortName: CerebroHx SeqNo: 510
FieldName: Cerebrovascular history Core: Yes
Definition: Indicate whether the patient has a history of Cerebro-Vascular Disease, documented by any one of the following: Unresponsive coma > 24 hrs; CVA (symptoms > 72 hrs after onset); RIND (recovery within 72 hrs); TIA (recovery within 24 hrs); Non-invasive carotid test with > 75% occlusion.; or Prior carotid surgery. Does not include neurological disease processes such as metabolic and/or anoxic ischemic encephalopathy. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: No CVD history; Any reversible event; Any irreversible event **UsualRange:**
HarvestCoding: 1 = No CVD history
 2 = Any reversible event
 3 = Any irreversible event
ChangeFromV1_3:

ShortName: DiabetesHx SeqNo: 520
FieldName: Diabetes history Core: No
Definition: Indicate the status (for No Diabetes) or the methods of control of diabetes in the patient regardless of duration or need for anti-diabetic agents. Harvest: No
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: No diabetes; Diet controlled; Oral hypoglycemics; Insulin **UsualRange:**
HarvestCoding: 1 = No diabetes
 2 = Diet controlled
 3 = Oral hypoglycemics
 4 = Insulin
ChangeFromV1_3: 1. Change Core from Yes to No.
 2. Change Harvest from Yes to No.

ShortName: Diabetes SeqNo: 522
FieldName: Diabetes Core: Yes
Definition: Indicate whether the patient has a history of diabetes, regardless of duration of disease or need for anti-diabetic agents. Includes on admission or preoperative diagnosis. Does not include gestational diabetes Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Add new field

ShortName: DiabCtrl SeqNo: 525
 FieldName: Diabetes control Core: Yes
 Definition: Indicate the diabetic control method the patient presented with on admission. Patients placed on a pre-operative diabetic pathway of insulin drip but at admission were controlled with "None", diet or oral methods are not coded as insulin dependent. Choices are : Harvest: Yes
 None = No treatment for diabetes
 Diet = Diet treatment only
 Oral = Oral agent treatment only
 Insulin = Insulin treatment (includes any combination with insulin)
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: Diabetes ParentValue: = "Yes"
 ValidData: None; Diet; Oral; Insulin UsualRange:
 HarvestCoding: 1 = None
 2 = Diet
 3 = Oral
 4 = Insulin
 ChangeFromV1_3: 1. Add new field

ShortName: RenalHx SeqNo: 530
 FieldName: Renal insufficiency history Core: Yes
 Definition: Indicate whether the patient has: Harvest: Yes
 1. a documented history of renal failure and/or
 2. a history of creatinine > 2.0.
 Prior renal transplant patients are not included as pre-op renal failure unless since transplantation their creatinine has been or currently is > 2.0.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: No renal insufficiency; Creatinine >=2; Dialysis of any type UsualRange:
 HarvestCoding: 1 = No renal insufficiency
 2 = Creatinine >= 2
 3 = Dialysis of any type
 ChangeFromV1_3:

ShortName: ClinNA SeqNo: 540
 FieldName: Clinical stage n/a Core: Yes
 Definition: Indicate if clinical staging is not applicable. Clinical stage is defined as stage of cancer based on non-operative techniques (history, physical exam, radiological tests). For benign disease, or pulmonary metastases of any type, pathological staging is not applicable. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: ClinT SeqNo: 550

FieldName: Clinical stage T Core: Yes
Definition: Indicate the appropriate descriptor for tumor based on all the clinical staging characteristics of the tumor. (See Appendix A for full description.) Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ClinNA ParentValue: <> "Yes"
ValidData: X; O; S; 1; 2; 3; 4 UsualRange:
HarvestCoding: 1 = 1
2 = 2
3 = 3
4 = 4
5 = X
6 = O
7 = S
ChangeFromV1_3: 1. Change ParentField from blank to "ClinNA".
2. Change ParentValue from blank to "<> "Yes" ".

ShortName: ClinN SeqNo: 560
FieldName: Clinical stage N Core: Yes
Definition: Indicate the appropriate descriptor for nodes based on all the clinical staging characteristics of the lymph nodes. (See Appendix A for full description.) Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ClinNA ParentValue: <> "Yes"
ValidData: X; O; 1; 2; 3 UsualRange:
HarvestCoding: 1 = 1
2 = 2
3 = 3
4 = X
5 = O
ChangeFromV1_3: 1. Change ParentField from blank to "ClinNA".
2. Change ParentValue from blank to "<> "Yes" ".

ShortName: ClinM SeqNo: 570
FieldName: Clinical stage M Core: Yes
Definition: Indicate the appropriate descriptor for metastases based upon all the clinical staging characteristics of the metastases. (See Appendix A for full description.) Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ClinNA ParentValue: <> "Yes"
ValidData: X; O; 1 UsualRange:
HarvestCoding: 1 = 1
2 = X
3 = O
ChangeFromV1_3: 1. Change ParentField from blank to "ClinNA".
2. Change ParentValue from blank to "<> "Yes" ".

ShortName: ClinMAB SeqNo: 580
FieldName: Clinical stage Ma, b Core: Yes
Definition: Indicate for esophagus procedures only the clinical staging of Ma, b. (See Appendix A for full description.) Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ClinNA ParentValue: <> "Yes"

ValidData: M1a; M1b UsualRange:

HarvestCoding: 1 = M1a
2 = M1b

ChangeFromV1_3: 1. Change ParentField from blank to "ClinNA".
2. Change ParentValue from blank to "<> "Yes" ".
3. Changed ValidData from "A; B" to "M1a; M1b".
4. Changed HarvestCoding from "1 = A; 2 = B" to "1 = M1a; 2 = M1b".

ShortName: PFTNA

SeqNo: 590

FieldName: Preop PFTs not done

Core: Yes

Definition: Indicate whether Pulmonary Function Tests (PFT's) were not done prior to this operation. PFT's done > 12 months prior to the primary surgical procedure should be coded as "No". Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: FVCND

SeqNo: 595

FieldName: FVC Test Not Done

Core: Yes

Definition: Indicate whether a Forced Vital Capacity (FVC) test was done. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: PFTNA ParentValue: <> "Yes"

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Add new field

ShortName: FVCAct

SeqNo: 600

FieldName: FVC actual

Core: Yes

Definition: Indicate the actual FVC obtained for the patient. Harvest: Yes

Format: Real number 2.2 digits e.g. 99.99

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: FVCND ParentValue: <> "Yes"

ValidData: 0.00 - 10.00 UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Change ParentField from blank to FVCND
2. Change ParentValue from blank to "<> "Yes" ".
3. Change ValidData from 0 - 100 to 0.00 - 10.00
4. Change Format from Integer to "Real number 2.2 digits e.g. 99.99"

ShortName: FVCPred SeqNo: 610
FieldName: FVC predicted Core: Yes
Definition: Indicate the % predicted FVC obtained for the patient. Harvest: Yes
Format: Integer
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: FVCND **ParentValue:** <> "Yes"
ValidData: 0 - 200 **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Change ParentField from blank to FVCND
2. Change ParentValue from blank to "<> "Yes" ".
3. Changed ValidData from 0 - 100 to 0 - 200.

ShortName: FEVND SeqNo: 615
FieldName: FEV1 Test Not Done Core: Yes
Definition: Indicate whether a Forced Expiratory Volume at 1 second (FEV1) test was not done. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: PFTNA **ParentValue:** <> "Yes"
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3: 1. Add new field

ShortName: FEVAct SeqNo: 620
FieldName: FEV1 actual Core: Yes
Definition: Indicate the actual FEV1 obtained for the patient. Harvest: Yes
Format: Real number 2.2 digits e.g. 99.99
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: FEVND **ParentValue:** <> "Yes"
ValidData: 0.00 - 10.00 **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Change ParentField from blank to FEVND
2. Change ParentValue from blank to "<> "Yes" ".
3. Change ValidData from 0 - 100 to 0.00 - 10.00.
4. Change Format from Integer to "Real number 2.2 digits e.g. 99.99"

ShortName: FEVPred SeqNo: 630
FieldName: FEV1 predicted Core: Yes
Definition: Indicate the % predicted actual FEV1 obtained for the patient. Harvest: Yes
Format: Integer
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: FEVND **ParentValue:** <> "Yes"
ValidData: 0 - 200 **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Change ParentField from blank to FEVND
2. Change ParentValue from blank to "<> "Yes" ".

3. Changed ValidData from 0 - 100 to 0 - 200.

ShortName: DLCOND SeqNo: 635
FieldName: DLCO Test Not Done Core: Yes
Definition: Indicate whether a lung diffusion measured with carbon monoxide (DLCO) test was not done. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: PFTNA ParentValue: <> "Yes"
ValidData: Yes; No UsualRange:
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Add new field

ShortName: DLCOAct	SeqNo: 640
FieldName: DLCO actual	Core: No
Definition: Indicate the actual DLCO value obtained for the patient.	Harvest: No
Format: Integer	
DataSource: User	Default: (Null/blank = missing)
ParentField:	ParentValue:
ValidData: 0 - 100	UsualRange:
HarvestCoding:	
ChangeFromV1_3: 1. Change Core from Yes to No. 2. Change Harvest from Yes to No.	

ShortName: DLCOPred SeqNo: 650
FieldName: DLCO predicted Core: Yes
Definition: Indicate the % predicted DLCO value obtained for the patient. Harvest: Yes
Format: Integer
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: DLCOND ParentValue: <> "Yes"
ValidData: 0 - 200 UsualRange:
HarvestCoding:
ChangeFromV1_3: 1. Change ParentField from blank to DLCOND
 2. Change ParentValue from blank to "<> "Yes" ".
 3. Changed ValidData from 0 - 100 to 0 - 200.

ShortName: ASA SeqNo: 660
FieldName: ASA class 1-5 Core: Yes
Definition: Indicate the patient's American Society of Anesthesiologists Risk Scale for this admissions surgical procedure. This information can be found in the OR Anesthesia Record. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: I; II; III; IV; V UsualRange:

HarvestCoding: 1 = I
2 = II
3 = III
4 = IV
5 = V

ChangeFromV1_3: 1. Changed Definition - Entire definition text replaced.

ShortName: OREntryT SeqNo: 670
FieldName: Time when patient entered Operating Room. Core: Yes
Definition: Indicate to the nearest minute (using 24 hour clock) the time the patient enters the OR. Harvest: Yes
Format: Time in 24 hour hh:mm format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Time of day in 24 hour clock hh:mm format **UsualRange:**
HarvestCoding:
ChangeFromV1_3: 1. Change Definition - Change "surgeon" to "patient".

ShortName: SIStartT SeqNo: 680
FieldName: Time of skin opening Core: Yes
Definition: Indicate to the nearest minute (using 24 hour clock) the time the skin incision was made. Harvest: Yes
Format: Time in 24 hour hh:mm format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Time of day in 24 hour clock hh:mm format **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: SIStopT SeqNo: 690
FieldName: Time of skin closure Core: Yes
Definition: Indicate to the nearest minute (using 24 hour clock) the time the skin incision was closed. If patient leaves the OR with an open incision , collect the time the dressings were applied to the incision. Harvest: Yes
Format: Time in 24 hour hh:mm format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Time of day in 24 hour hh:mm format **UsualRange:**
HarvestCoding:
ChangeFromV1_3:

ShortName: ORExitT SeqNo: 700
FieldName: Time when patient exits Operating Room. Core: Yes
Definition: Indicate to the nearest minute (using 24 hour clock) the time the patient exits the OR. Harvest: Yes
Format: Time in 24 hour hh:mm format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**

ValidData: Time of day in 24 hour hh:mm format UsualRange:
 HarvestCoding:
 ChangeFromV1_3: 1. Change Definition - Change "surgeon" to "patient".

ShortName: MultiDay SeqNo: 710
 FieldName: Did operation go through midnight (24:00) Core: Yes
 Definition: Indicate whether the operation continued through midnight from one day to the next. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: Status SeqNo: 720
 FieldName: Clinical Status of the Patinet Core: Yes
 Definition: Select the status that best describes the clinical status of the patient at the time of the primary surgical procedure. Harvest: Yes
 1. Emergent: The surgical procedure must be performed within 24 hours of presentation.
 2. Urgent: All of the following conditions are met:
 a. Not elective status
 b. Not emergent status.
 c. Procedure required during same hospitalization in order to minimize chance of further clinical deterioration.
 3. Elective: The patient has been stable in the days or weeks prior to the operation. The procedure could be deferred without increased risk of compromise to cardiac outcome.
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Emergent, Urgent, Elective UsualRange:
 HarvestCoding: 1 = Emergent
 2 = Urgent
 3 = Elective
 ChangeFromV1_3:

ShortName: Reop SeqNo: 725
 FieldName: Reoperation Core: Yes
 Definition: Indicate whether this is a general thoracic re-operation:i.e., patient has a history of a general thoracic surgical procedure in the same cavity or organ any time prior to this operation. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes

2 = No

ChangeFromV1_3: 1. Add new field

ShortName: **OrgSys** SeqNo: 730
FieldName: Organ system Core: Yes
Definition: Indicate the organ system on which the surgical procedure is being performed. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Procedures
ParentField: **ParentValue:**
ValidData: Chest Wall; Mediastinum/Neck; Tracheobronchial; Pulmonary; **UsualRange:**
 Esophagogastric; Cardiac/Pericardium/Great Vessels;
 Diaphragm; Pleura; Air Leak Control Measures
HarvestCoding: 1 = Chest Wall
 2 = Mediastinum/Neck
 3 = Tracheobronchial
 4 = Pulmonary
 5 = Esophagogastric
 6 = Cardiac/Pericardium/Great Vessels
 7 = Diaphragm
 8 = Pleura
 9 = Air Leak Control Measures
 ChangeFromV1_3: 1. Change ValidData - Add "Air Leak Control Measures".
 2. Change HarvestCoding - Add "9 = Air Leak Control Measures".

ShortName: **Proc** SeqNo: 740
FieldName: Procedure Core: Yes
Definition: Indicate the general thoracic procedures being performed during this operating room visit. Please note: A separate General Thoracic Database Data Collection Form should be completed for each general thoracic operating room visit. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Procedures
ParentField: **ParentValue:**
ValidData: Chest Wall Biopsy; Rib Resection (single); First/Cervical Rib **UsualRange:**
 Resection; Chest Wall Resection; Chest Wall Reconstruction;
 Thoracoplasty; Pectus Repair; Sternectomy, complete;
 Sternectomy, partial; Muscle Flap; Other Chest Wall Repair;
 Mediastinal LN Biopsy; Mediastinoscopy; Anterior
 Mediastinotomy; Extended Cervical Mediastinoscopy; Mediastinal
 Lymph Node Dissection; Mediastinal Lymph Node Sampling;
 Biopsy, Mediastinal Mass; Resection, Mediastinal Mass;
 Thymectomy; Sympathectomy; Thoracic duct ligation; Other
 Mediastinal/Neck procedure; Flexible Bronchoscopy; Rigid
 Bronchoscopy; Removal of Foreign Body (Tracheobronchial);
 Endobronchial Ablation, Laser / PDT; Endobronchial Ablation,
 Mechanical; Tracheal/Bronchial Stent; Tracheostomy; Tracheal
 Repair; Tracheal Stricture Resection; Tracheal Tumor Resection;
 Carinal Resection (no lung resection); Bronchotomy; Bronchial
 Repair; Bronchoplasty; TE Fistula Repair; Other Tracheobronchial
 procedure; Wedge Resection, single; Wedge Resection, multiple;
 Segmentectomy; Lobectomy; Sleeve Lobectomy; Bilobectomy;
 Pneumonectomy, standard; Pneumonectomy, Carinal;
 Completion pneumonectomy; Extrapleural pneumonectomy;
 Pneumonectomy, intrapericardial; Lung Volume Reduction;
 Bullectomy / repair; Hydatid Cyst Resection; Single Lung
 Transplant; Double Lung Transplant; Lung Donor Harvest; Other
 Lung procedure; Esophagoscopy, flexible; Esophagoscopy,
 rigid; Removal of Foreign Body (Esophagogastric); Dilation of
 Esophagus; Esophageal Tumor Ablation, Laser / PDT; Stent
 Placement; Cervical esophagostomy; Anterior Thoracic

Esophagostomy; Zenker's Diverticulum Repair; Myotomy, cricopharyngeal; Myotomy, esophageal (long); Myotomy, cardia (short); Resection, intrathoracic diverticulum; Resection, esophagus (esophagectomy); Resection, esophageal wall lesion; Fundoplication, circumferential; Fundoplication, partial; Gastropasty; Pyloroplasty; Pyloromyotomy; Gastrectomy; Gastrostomy; Jejunostomy; Conduit, gastric; Conduit, colon; Conduit, jejunum; Conduit, other; Anastomosis, neck; Anastomosis, Chest; Other Esophageal procedure; Other GI procedure; Pericardial Window; Pericardiectomy; Repair Cardiac Laceration; Other Pericardial Procedure; Repair / Reconstruction, thoracic aorta; Repair / Reconstruction, abd aorta; Repair / Reconstruction, SVC; Repair / Reconstruction, IVC; Repair / Reconstruction, pulmonary artery; Repair / Reconstruction, pulmonary vein(s); Repair / Reconstruction, left atrium; Repair / Reconstruction, Subclavian Artery; Cardiopulmonary Bypass; Other Cardiac procedure; Plication of Diaphragm; Diaphragmatic Hernia Repair, acute; Diaphragmatic Hernia Repair, chronic; Resection of Diaphragm; Reconstruction of Diaphragm; Other Diaphragm procedure; Pleural Drainage Procedure - Open; Pleural Drainage Procedure - Closed; Pleural Biopsy; Pleurodesis; Pleurectomy; Decortication; Clagett Procedure; Other Pleural procedure; Fibrin Glue; Pericardial Strips; Lung Sealant; Pleural Tent; Other Air Leak Control Measures

HarvestCoding: 10 = Chest Wall Biopsy
 20 = Rib Resection (single)
 30 = First/Cervical Rib Resection
 40 = Chest Wall Resection
 50 = Chest Wall Reconstruction
 60 = Thoracoplasty
 70 = Pectus Repair
 80 = Sternectomy, complete
 90 = Sternectomy, partial
 95 = Muscle Flap
 100 = Other Chest Wall Repair
 110 = Mediastinal LN Biopsy
 120 = Mediastinoscopy
 130 = Anterior Mediastinotomy
 140 = Extended Cervical Mediastinoscopy
 150 = Mediastinal Lymph Node Dissection
 160 = Mediastinal Lymph Node Sampling
 170 = Biopsy, Mediastinal Mass
 180 = Resection, Mediastinal Mass
 190 = Thymectomy
 200 = Sympathectomy
 210 = Thoracic duct ligation
 220 = Other Mediastinal/Neck procedure
 230 = Flexible Bronchoscopy
 240 = Rigid Bronchoscopy
 250 = Removal of Foreign Body (Tracheobronchial)
 260 = Endobronchial Ablation, Laser / PDT
 265 = Endobronchial Ablation, Mechanical
 270 = Tracheal/Bronchial Stent
 280 = Tracheostomy
 290 = Tracheal Repair
 300 = Tracheal Stricture Resection
 310 = Tracheal Tumor Resection
 320 = Carinal Resection (no lung resection)
 330 = Bronchotomy
 340 = Bronchial Repair
 350 = Bronchoplasty
 370 = TE Fistula Repair
 380 = Other Tracheobronchial procedure
 390 = Wedge Resection, single
 400 = Wedge Resection, multiple
 410 = Segmentectomy
 420 = Lobectomy
 425 = Sleeve Lobectomy
 430 = Bilobectomy
 440 = Pneumonectomy, standard
 445 = Pneumonectomy, Carinal
 450 = Completion pneumonectomy

460 = Extrapleural pneumonectomy
470 = Pneumonectomy, intrapericardial
480 = Lung Volume Reduction
490 = Bullectomy / repair
500 = Hydatid Cyst Resection
510 = Single Lung Transplant
520 = Double Lung Transplant
530 = Lung Donor Harvest
540 = Other Lung procedure
550 = Esophagoscopy, flexible
560 = Esophagoscopy, rigid
570 = Removal of Foreign Body (Esophagogastric)
580 = Dilation of Esophagus
590 = Esophageal Tumor Ablation, Laser / PDT
600 = Stent Placement
610 = Cervical esophagostomy
620 = Anterior Thoracic Esophagostomy
630 = Zenker's Diverticulum Repair
640 = Myotomy, cricopharyngeal
650 = Myotomy, esophageal (long)
660 = Myotomy, cardia (short)
670 = Resection, intrathoracic diverticulum
680 = Resection, esophagus (esophagectomy)
690 = Resection, esophageal wall lesion
695 = Repair, perforation of esophagus - Iatrogenic
696 = Repair, perforation of esophagus - Malignant
697 = Repair, perforation of esophagus - Other
700 = Fundoplication, circumferentia
710 = Fundoplication, partial
720 = Gastroplasty
730 = Pyloroplasty
740 = Pyloromyotomy
750 = Gastrectomy
760 = Gastrostomy
770 = Jejunostomy
780 = Conduit, gastric
790 = Conduit, colon
800 = Conduit, jejunum
810 = Conduit, other
820 = Anastomosis, neck
830 = Anastomosis, Chest
840 = Other Esophageal procedure
850 = Other GI procedure
860 = Pericardial Window
870 = Pericardiectomy
880 = Repair Cardiac Laceration
890 = Other Pericardial Procedure
900 = Repair / Reconstruction, thoracic aorta
910 = Repair / Reconstruction, abd aorta
920 = Repair / Reconstruction, SVC
930 = Repair / Reconstruction, IVC
940 = Repair / Reconstruction, pulmonary artery
950 = Repair / Reconstruction, pulmonary vein(s)
960 = Repair / Reconstruction, left atrium
965 = Repair / Reconstruction, Subclavian Artery
970 = Cardiopulmonary Bypass
980 = Other Cardiac procedure
990 = Plication of Diaphragm
1000 = Diaphragmatic Hernia Repair, acute
1010 = Diaphragmatic Hernia Repair, chronic
1020 = Resection of Diaphragm
1030 = Reconstruction of Diaphragm
1040 = Other Diaphragm procedure
1050 = Pleural Drainage Procedure - Open
1060 = Pleural Drainage Procedure - Closed
1070 = Pleural Biopsy
1080 = Pleurodesis
1090 = Pleurectomy
1100 = Decortication
1110 = Clagett Procedure
1120 = Other Pleural procedure
1130 = Fibrin Glue

- 1140 = Pericardial Strips
- 1150 = Lung Sealant
- 1160 = Pleural Tent
- 1170 = Other Air Leak Control Measures

ChangeFromV1_3: 1. Change ValidData: Remove "Sleeve Bronchial Resection" option; Change "Carinal Resection" to "Carinal Resection (no lung resection)" option; Change "Laser Endobronchial Lesion" to "Endobronchial ablation, Laser / PDT" option; Change " Laser Esophageal Lesion" to "Esophageal Tumor Ablation, Laser / PDT"; Add "Muscle Flap", "Endobronchial Ablation, Mechanical", "Sleeve Lobectomy", "Pneumonectomy, Carinal", "Repair / Reconstruction, Subclavian Artery", "Fibrin Glue", "Pericardial Strips", "Lung Sealant", "Pleural Tent", "Other Air Leak Control Measures", "Repair, perforation of esophagus - Iatrogenic", "Repair, perforation of esophagus - Malignant", "Repair, perforation of esophagus - Other" options.

2. Change HarvestCoding: Remove "360 = Sleeve Bronchial Resection" option; Change "320 = Carinal Resection" to "320 = Carinal Resection (no lung resection)"; Change "260 = Laser Endobronchial Lesion" to "260 = Endobronchial ablation, Laser / PDT" option; Change "590 = Laser Esophageal Lesion" to "590 = Esophageal Tumor Ablation, Laser / PDT"; Add "95 = Muscle Flap", "265 = Endobronchial Ablation, Mechanical", "425 = Sleeve Lobectomy", "445 = Pneumonectomy, Carinal", "695 = Repair, perforation of esophagus - Iatrogenic", "696 = Repair, perforation of esophagus - Malignant", "697 = Repair, perforation of esophagus - Other", "965 = Repair / Reconstruction, Subclavian Artery", "1130 = Fibrin Glue", "1140 = Pericardial Strips", "1150 = Lung Sealant", "1160 = Pleural Tent", "1170 = Other Air Leak Control Measures" options.

3. Changed Definition - Entire definition text replaced.

ShortName: Primary SeqNo: 750

FieldName: Primary Procedure Core: Yes

Definition: Indicate whehter this is the primary surgical procedure. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Procedures

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: ApprThcscopy SeqNo: 751

FieldName: Approach - Thoracoscopy Core: Yes

Definition: Indicate whether a Thoracoscopy approach was used for the primary surgical procedure. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Add new field

ShortName: ApprThctmy SeqNo: 752

FieldName: Approach - Thoracotomy Core: Yes

Definition: Indicate whether a Thoracotomy approach was used for the primary surgical procedure. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Add new field

ShortName: ApprThcabdml SeqNo: 753
FieldName: Approach - Thoracoabdominal Core: Yes
Definition: Indicate whether a Thoracoabdominal approach was used for the primary surgical procedure. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3: 1. Add new field

ShortName: ApprMedStern SeqNo: 754
FieldName: Approach - Median Sternotomy Core: Yes
Definition: Indicate whether a Median Sternotomy approach was used for the primary surgical procedure. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3: 1. Add new field

ShortName: ApprPartStern SeqNo: 755
FieldName: Approach - Partial Sternotomy Core: Yes
Definition: Indicate whether a Partial Sternotomy approach was used for the primary surgical procedure. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3: 1. Add new field

ShortName: ApprTranStern SeqNo: 756
FieldName: Approach - Transverse Sternotomy Core: Yes
Definition: Indicate whether a Transverse Sternotomy approach was used for the primary surgical procedure. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: ApprLptomy SeqNo: 757
 FieldName: Approach - Laparotomy Core: Yes
 Definition: Indicate whether a Laparotomy approach was used for the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: ApprLpscpy SeqNo: 758
 FieldName: Approach - Laparoscopy Core: Yes
 Definition: Indicate whether a Laparoscopy approach was used for the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: ApprCerv SeqNo: 759
 FieldName: Approach - Cervical Core: Yes
 Definition: Indicate whether a Cervical approach was used for the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: ApprSubx SeqNo: 760
 FieldName: Approach - Subxyphoid Core: Yes
 Definition: Indicate whether a Subxyphoid approach was used for the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: ApprOther SeqNo: 761
 FieldName: Approach - Other Approach Core: Yes
 Definition: Indicate whether any other approach was used for the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Add new field

ShortName: Approach SeqNo: 764
 FieldName: Approach Core: No
 Definition: Indicate the approaches used for the associated procedure. Harvest: No
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Right Side; Left Side; Bilateral; Thoracoscopy; Thoracotomy;
 Thoracoabdominal; Median Sternotomy; Partial Sternotomy;
 Transverse Sternotomy; Laparotomy; Laparoscopy; Transhiatal;
 Transcervical; Other Approach UsualRange:
 HarvestCoding: 1 = Right Side
 2 = Left Side
 3 = Bilateral
 4 = Thoracoscopy
 5 = Thoracotomy
 6 = Thoracoabdominal
 7 = Median Sternotomy
 8 = Partial Sternotomy
 9 = Transverse Sternotomy
 10 = Laparotomy
 11 = Laparoscopy
 12 = Transhiatal
 13 = Transcervical
 777 = Other Approach
 ChangeFromV1_3: 1. Change Core from Yes to No.
 2. Change Harvest from Yes to No.

ShortName: Laterality SeqNo: 765
 FieldName: Laterality Core: Yes
 Definition: Indicate the laterality of the primary surgical procedure. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Right; Left; Both UsualRange:

HarvestCoding: 1 = Right
 2 = Left
 3 = Both

ChangeFromV1_3: 1. Add new field

ShortName: NoPostop SeqNo: 770
FieldName: No postop events occurred Core: Yes
Definition: Indicate whether the patient did not experience any postoperative events. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed Definition - Replaced "Indicate if.." with "Indicate whether".

ShortName: AirLeakAny SeqNo: 780
FieldName: Air leak of any duration postop Core: No
Definition: Indicate if the patient experienced an air leak of any duration post op. Harvest: No
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Change Core from Yes to No.
 2. Change Harvest from Yes to No.

ShortName: AirLeak5 SeqNo: 790
FieldName: Air leak with a duration of more than five days postop Core: Yes
Definition: Indicate whether the patient experienced an air leak for more than five days post-operative. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: AirStartDate SeqNo: 800
FieldName: Date of start of air leak Core: No
Definition: Indicate the date the air leak started. Harvest: No
Format: Date in mm/dd/yyyy format
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: ParentValue:

ValidData: UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: SeqNo:

FieldName: Core:

Definition: Harvest:

Format:

DataSource: Default: TableName:

ParentField: ParentValue:

ValidData: UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: SeqNo:

FieldName: Core:

Definition: Harvest:

Format:

DataSource: Default: TableName:

ParentField: ParentValue:

ValidData: UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: SeqNo:

FieldName: Core:

Definition: Harvest:

Format:

DataSource: Default: TableName:

ParentField: ParentValue:

ValidData: UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: SeqNo:

FieldName: Core:

Definition: Harvest:

Format:

DataSource: Default: TableName:

ParentField:	AirLeakAny	ParentValue:	= "Yes"
ValidData:	No Air Leak Control Measures; Additional Sutures; Stapling; Fibrin Glue; Pericardial Strips; FocalSeal-L Lung Sealant; Muscle Flap Transposition; Other Air Leak Control Measures		UsualRange:
HarvestCoding:	10 = No Air Leak Control Measures 20 = Additional Sutures 30 = Stapling 40 = Fibrin Glue 50 = Pericardial Strips 60 = FocalSeal-L Lung Sealant 70 = Muscle Flap Transposition 777 = Other Air Leak Control Measures		
ChangeFromV1_3:	1. Change Core from Yes to No. 2. Change Harvest from Yes to No.		

ShortName: Atelectasis SeqNo: 850
FieldName: Atelectasis requiring bronchoscopy Core: Yes
Definition: Indicate whether the patient experienced atelectasis requiring a bronchoscopy in the post-operative period. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3:

ShortName: Pneumonia SeqNo: 860
FieldName: Patient experienced pneumonia postoperatively. Core: Yes
Definition: Indicate if the patient experienced pneumonia in the post-operative period. Pneumonia is defined as meeting three of five characteristics: fever, leucocytosis, CXR with infiltrate, positive culture from sputum, or treatment with antibiotics. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3:

ShortName: ARDS SeqNo: 870
FieldName: Patient has evidence of Adult Respiratory Distress Syndrome. Core: Yes
Definition: Indicate whether the patient has evidence of ARDS (Adult respiratory distress syndrome). According to the American-European consensus conference, a diagnosis of ARDS is assigned if all of the following criteria are present: Harvest: Yes
 1. Acute onset
 2. Arterial hypoxemia with PaO2/FIO2 lower than 200 (regardless of PEEP level)
 3. Bilateral infiltrates seen on chest radiograph
 4. Pulmonary artery occlusive pressure lower than 18 mm Hg or no clinical evidence of left atrial hypertension
 5. Compatible risk factors
Format: Text (categorical values specified by STS)

ShortName: Reintube SeqNo: 910
FieldName: Reintubate Core: Yes
Definition: Indicate whether the patient was re-intubated during the initial hospital stay after the initial extubation. This may include patients who have been extubated in the OR and require intubation in the postoperative period. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: Yes; No UsualRange:
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3:

ShortName: Trach SeqNo: 920
FieldName: Tracheostomy Core: Yes
Definition: Indicate whether the patient required a tracheostomy in the post-operative period. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: Yes; No UsualRange:
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3:

ShortName: OtherPul SeqNo: 930
FieldName: Other pulmonary event Core: Yes
Definition: Indicate whether another pulmonary event occurred in the post-operative period. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: Yes; No UsualRange:
HarvestCoding: 1 = Yes
2 = No
ChangeFromV1_3:

ShortName: AtrialArryth SeqNo: 940
FieldName: Atrial arrhythmia requiring treatment Core: Yes
Definition: Indicate whether the patient, in the post-operative period, experienced atrial fibrillation and/or atrial flutter that has been clinically documented or treated with any of the following treatment modalities: Harvest: Yes
1. ablation therapy
2. permanent pacemaker
3. pharmacological treatment
4. electrocardioversion
Format: Text (categorical values specified by STS)
DataSource: User Default: (Null/blank = missing) TableName: Operations
ParentField: ParentValue:
ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: VentArryth SeqNo: 950
 FieldName: Ventricular arrhythmia requiring treatment Core: Yes
 Definition: Indicate whether the patient, in the post-operative period, experienced sustained ventricular tachycardia and/or ventricular fibrillation that has been clinically documented or treated with any of the following treatment modalities: Harvest: Yes
 1. ablation therapy
 2. AICD
 3. permanent pacemaker
 4. pharmacologic treatment
 5. electrocardioversion
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: MI SeqNo: 960
 FieldName: Myocardial infarct Core: Yes
 Definition: Indicate if the patient experienced a MI postoperatively as evidenced by: Harvest: Yes
 1. transmural infarction: Defined by the appearance of a new Q wave in two or more contiguous leads on ECG, or
 2. subendocardial infarction: (nonQwave) Infarction, which is considered present in a patient having clinical, angiographic, electrocardiographic, and/or
 3. laboratory isoenzyme evidence of myocardial necrosis with an ECG showing no new Q waves
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: DVT SeqNo: 970
 FieldName: DVT requiring treatment Core: Yes
 Definition: Indicate whether the patient has experienced a deep venous thrombosis confirmed by doppler study, contrast study, or other study in the post-operative period. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Change defintion - Replace "other than physical exam" with "doppler study, contrast study, or other

study".

ShortName: OtherCV SeqNo: 980
 FieldName: Other cardiovascular event Core: Yes
 Definition: Indicate whether any other CV event occurred including distal arterial embolism in the post-operative period. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed definition - Added " including distal arterial embolism"

ShortName: GastricOutlet SeqNo: 990
 FieldName: Gastric outlet obstruction Core: Yes
 Definition: Indicate whether the patient experienced a gastric outlet obstruction requiring intervention, e.g., IV for dehydration, endoscopy and dilation, reoperation, etc., in the post-operative period. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: Ileus SeqNo: 1000
 FieldName: Patient experienced an ileus postoperatively. Core: Yes
 Definition: Indicate whether the patient experienced an ileus lasting greater than three days as defined by limited GI motility requiring treatment e.g. nasogastric tube insertion for decompression, etc., in the post-operative period. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3: 1. Changed definition - Added "greater than three days".

ShortName: AnastoMed SeqNo: 1010
 FieldName: Anastomosis requiring medical treatment only Core: Yes
 Definition: Indicate whether the patient in the post-operative period experienced an esophageal anastomosis leak or abnormality that required medical management only, i.e., NPO, antibiotics, etc. If a leak or an abnormality occurs on Barium Swallow only and does not require surgical intervention /drainage, i.e., treated with NPO and delay in oral intake, then code this element as "yes". Harvest: Yes
 Format: Text (categorical values specified by STS)

ShortName: **BleedOperate** SeqNo: 1050
FieldName: Bleeding requiring reoperation Core: Yes
Definition: Indicate whether an operative reintervention was required for bleeding. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Changed Defintion - Replaced entire defintion text.

ShortName: **Transfusion** SeqNo: 1060
FieldName: Blood transfusion intraop or postop Core: No
Definition: Indicate if the patient required a blood transfusion in the intraoperative or postoperative period. A blood transfusion is considered a transfusion of any component of blood e.g. packed red blood cells, fresh frozen plasma, cryoprecipitate, or platelets. Harvest: No
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Changed Core from Yes to No.
 2. Changed Harvest from Yes to No.

ShortName: **TransIntraop** SeqNo: 1066
FieldName: Blood transfusion - Intraop Core: Yes
Definition: Indicate whether the patient received a blood transfusion intraoperatively. Intraop is defined as any blood started inside of the OR. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Add new field

ShortName: **TransPostop** SeqNo: 1067
FieldName: Blood transfusion - Postop Core: Yes
Definition: Indicate whether the patient received a blood transfusion postoperatively. Postop is defined as any blood started after the initial surgery, including blood transfused after the initial surgery and any blood transfused during a reoperative surgery. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Add new field

ShortName: OtherHema SeqNo: 1070

FieldName: Other hematology or bleeding event requiring treatment Core: Yes

Definition: Indicate if any other hematology/bleeding event requiring treatment occurred in the post-operative period such as Heparin Induced Thrombocytopenia. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Changed Definition - Added "such as Heparin Induced Thrombocytopenia".

ShortName: UTI SeqNo: 1080

FieldName: Urinary tract infection Core: Yes

Definition: Indicate if the patient experienced a urinary tract infection (with Positive Urine Cultures postoperatively) requiring treatment. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Changed Definition - Removed "(> 105 colonies / ml)"; Added "(with Positive Urine Cultures postoperatively)"

ShortName: Empyema SeqNo: 1090

FieldName: Patient experienced empyema requiring treatment. Core: Yes

Definition: Indicate whether the patient experienced an empyema requiring treatment in the post-operative period, i.e., chest tube drainage by interventional radiology, etc. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: WoundInfect SeqNo: 1100

FieldName: Wound infection Core: Yes

Definition: Indicate whether the patient experienced a wound infection in the post-operative period as evidenced by meeting two of the following criteria: Harvest: Yes

1. Wound opened with excision of tissue (I&D)
2. Positive culture
3. Treatment with antibiotics

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Changed Definition - changed "one of the following" to "two of the following".

ShortName: Sepsis SeqNo: 1110

FieldName: Patient experienced sepsis (septicemia). Core: Yes

Definition: Indicate whether the patient experienced septicemia requiring positive blood cultures in the post-operative period. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: OtherInfect SeqNo: 1120

FieldName: Other infection requiring treatment Core: No

Definition: Indicate if any other infection requiring treatment occurred. Harvest: No

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Change Core from Yes to No.
2. Change Harvest from Yes to No.

ShortName: CentNeuroEvt SeqNo: 1130

FieldName: New central neurological event Core: Yes

Definition: Indicate whether the patient experienced any of the following neurological events in the post-operative period that was not present pre-operatively:
 1. A central neurologic deficit persisting postoperatively for > 72 hours.
 2. A postoperatively transient neurologic deficit (TIA recovery within 24 hours; RIND recovery within 72 hours).
 3. New postoperative coma that persists for at least 24 hours secondary to anoxic/ischemic and/or metabolic encephalopathy, thromboembolic event or cerebral bleed. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Changed Definition - Changed examples to be more explicit.

ShortName: RecLarynParesis SeqNo: 1140
FieldName: Recurrent laryngeal nerve paresis Core: Yes
Definition: Indicate whether the patient experienced in the postoperative period a recurrent laryngeal nerve paresis or paralysis that was not identified during the pre-operative evaluation. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3:

ShortName: OtherNeuro SeqNo: 1150
FieldName: Other neurological event Core: Yes
Definition: Indicate whether the patient experienced any other neurologic event in the post-operative period. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3:

ShortName: NewRenalFail SeqNo: 1160
FieldName: New renal failure Core: Yes
Definition: Indicate whether the patient experienced renal failure in the post-operative period as documented by acute or worsening renal failure resulting in one or more of the following: Harvest: Yes
 1. increase of serum creatinine to > 2.0 and 2x most recent preoperative creatinine level
 2. a new requirement for dialysis postoperatively
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations
ParentField: **ParentValue:**
ValidData: Yes; No **UsualRange:**
HarvestCoding: 1 = Yes
 2 = No
ChangeFromV1_3: 1. Change Defintion - Entire defintion text replaced

ShortName: ChyloMed SeqNo: 1170
FieldName: Chylothorax requiring drainage/medical treatment only Core: Yes
Definition: Indicate whether the patient experienced a chylothorax in the post-operative period that required drainage and medical intervention, i.e., NPO, TPN, etc., only. Chylothorax requiring surgical intervention, i.e., thoracotomy, laparotomy, thoracoscopy, etc., should not be captured here. Harvest: Yes
Format: Text (categorical values specified by STS)
DataSource: User **Default:** (Null/blank = missing) **TableName:** Operations

ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: ChyloSurg SeqNo: 1180
 FieldName: Chylothorax requiring surgical intervention Core: Yes
 Definition: Indicate whether the patient experienced a chylothorax in the post-operative period requiring surgical intervention, i.e., thoracotomy, laparotomy, thoracoscopy, etc. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: Delirium SeqNo: 1190
 FieldName: Delirium tremens Core: Yes
 Definition: Indicate whether the patient experienced delirium tremens in the post-operative period marked by illusions, confusion, cerebral excitement, and having a comparatively short course. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: OtherMed SeqNo: 1200
 FieldName: Other events requiring medical treatment Core: Yes
 Definition: Indicate whether the patient experienced any other medical events in the post-operative period requiring medical treatment, including endoscopy. Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: ParentValue:
 ValidData: Yes; No UsualRange:
 HarvestCoding: 1 = Yes
 2 = No
 ChangeFromV1_3:

ShortName: OtherSurg SeqNo: 1210
 FieldName: Other events requiring OR with general anesthesia Core: Yes
 Definition: Indicate whether the patient experienced any other surgical events in the post-operative period requiring a procedure with general anesthesia. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: DischDt SeqNo: 1220

FieldName: Discharge date Core: Yes

Definition: Indicate the date the patient was discharged from the hospital (acute care). If the patient expired in the hospital, the discharge date is the date of death. Harvest: Yes

Format: Date in mm/dd/yyyy format

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Date value in mm/dd/yyyy format UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: MtDCStat SeqNo: 1230

FieldName: Discharge status - alive or dead Core: Yes

Definition: Indicate whether the patient was alive or dead at discharge from the hospitalization in which the primary surgery procedure occurred. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Alive; Dead UsualRange:

HarvestCoding: 1 = Alive
2 = Dead

ChangeFromV1_3:

ShortName: MtDate SeqNo: 1240

FieldName: Date of death if death occurs after discharge Core: Yes

Definition: Indicate the date the patient was diagnosed clinically dead. Harvest: Yes

Format: Date in mm/dd/yyyy format

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Date value in mm/dd/yyyy format UsualRange:

HarvestCoding:

ChangeFromV1_3:

ShortName: Mt30Stat SeqNo: 1250

FieldName: Status 30 days after surgery - alive or dead Core: Yes

Definition: Indicate whether the patient was alive or dead at 30 days post surgery (whether in the hospital or not). Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: MtDCStat ParentValue: = "Alive"

ValidData: Alive; Dead UsualRange:

HarvestCoding: 1 = Alive
2 = Dead

ChangeFromV1_3:

ShortName: CTubeInDate SeqNo: 1260

FieldName: Date chest tube was inserted Core: No

Definition: Indicate the date the chest tube was inserted. Harvest: No

Format: Date in mm/dd/yyyy format

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Date value in mm/dd/yyyy format UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Change Core from Yes to No.
2. Change Harvest from Yes to No.

ShortName: CTubeInTime SeqNo: 1270

FieldName: Time chest tube was inserted Core: No

Definition: Indicate the time when the chest tube was inserted. Harvest: No

Format: Time in 24 hour hh:mm format

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Time of day in 24 hour hh:mm format UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Change Core from Yes to No.
2. Change Harvest from Yes to No.

ShortName: CTubeDis SeqNo: 1275

FieldName: Patient Discharged with Chest Tube Core: Yes

Definition: Indicate whether the patient was discharged with a chest tube. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3: 1. Add new field

ShortName: CTubeOutDate SeqNo: 1280

FieldName: Date chest tube was removed Core: Yes

Definition: Indicate the date the last chest tube was removed prior to discharge. Harvest: Yes

Format: Date in mm/dd/yyyy format

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: CTubeDis ParentValue: = "No"

ValidData: Date value in mm/dd/yyyy format UsualRange:

HarvestCoding:

ChangeFromV1_3: 1. Changed Defintion - Entire definition text replaced.

ShortName: CTubeOutTime	SeqNo:	1290			
FieldName:	Time chest tube was removed	Core:	No		
Definition:	Indicate the time when the chest tube was removed.	Harvest:	No		
Format:	Time in 24 hour hh:mm format				
DataSource:	User	Default:	(Null/blank = missing)	TableName:	Operations
ParentField:		ParentValue:			
ValidData:	Time of day in 24 hour hh:mm format	UsualRange:			
HarvestCoding:					
ChangeFromV1_3:	1. Change Core from Yes to No. 2. Change Harvest from Yes to No.				

ShortName: PathNA SeqNo: 1300

FieldName: Pathological stage n/a Core: Yes

Definition: Indicate if path staging is not applicable. For benign disease or pulmonary metastases of any type, pathological staging is not applicable. Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: ParentValue:

ValidData: Yes; No UsualRange:

HarvestCoding: 1 = Yes
2 = No

ChangeFromV1_3:

ShortName: PathT SeqNo: 1310

FieldName: Pathological stage T Core: Yes

Definition: Indicate the appropriate descriptor for tumor based on the pathological staging characteristics of the tumor. (See Appendix A for full description.) Harvest: Yes

Format: Text (categorical values specified by STS)

DataSource: User Default: (Null/blank = missing) TableName: Operations

ParentField: PathNA ParentValue: <> "Yes"

ValidData: X; O; S; 1; 2; 3; 4 UsualRange:

HarvestCoding: 1 = 1
2 = 2
3 = 3
4 = 4
5 = X
6 = O
7 = S

ChangeFromV1_3: 1. Changed ParentField from blank to "PathNA".
2. Changed ParentValue from blank to '<> "Yes"'.

ShortName: PathN SeqNo: 1320
 FieldName: Pathological stage N Core: Yes
 Definition: Indicate the appropriate descriptor for nodes based on the pathological staging characteristics of the lymph nodes. (See Apendix A for full description.) Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: PathNA ParentValue: <> "Yes"
 ValidData: X; O; 1; 2; 3 UsualRange:
 HarvestCoding: 1 = 1
 2 = 2
 3 = 3
 4 = X
 5 = 0
 ChangeFromV1_3: 1. Changed ParentField from blank to "PathNA".
 2. Changed ParentValue from blank to '<> "Yes"'.

ShortName: PathM SeqNo: 1330
 FieldName: Pathological stage M Core: Yes
 Definition: Indicate the appropriate descriptor for metastasis based on the pathological staging characteristics of the metastasis(es). (See Apendix A for full description.) Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: PathNA ParentValue: <> "Yes"
 ValidData: X; O; 1 UsualRange:
 HarvestCoding: 1 = 1
 2 = X
 3 = O
 ChangeFromV1_3: 1. Changed ParentField from blank to "PathNA".
 2. Changed ParentValue from blank to '<> "Yes"'.

ShortName: PathMAB SeqNo: 1340
 FieldName: Pathological stage Ma, b Core: Yes
 Definition: For esophageal carcinoma patients only. Please indicate the appropriate Metastasis descriptor based on the pathological staging of the metastasis(es). (See Apendix A for full description.) Harvest: Yes
 Format: Text (categorical values specified by STS)
 DataSource: User Default: (Null/blank = missing) TableName: Operations
 ParentField: PathNA ParentValue: <> "Yes"
 ValidData: M1a; M1b UsualRange:
 HarvestCoding: 1 = M1a
 2 = M1b
 ChangeFromV1_3: 1. Change ParentField from blank to "PathNA".
 2. Change ParentValue from blank to "<> "Yes" ".
 3. Changed ValidData from "A; B" to "M1a; M1b".
 4. Changed HarvestCoding from "1 = A; 2 = B" to "1 = M1a; 2 = M1b".

ShortName: DataEntry SeqNo: 1350
 FieldName: Who entered the data Core: No
 Definition: Identifier of person who entered the data. Harvest: No

Format:	Text length 50	
DataSource:	User	Default: (Null/blank = missing)
ParentField:		ParentValue:
ValidData:		UsualRange:
HarvestCoding:		
ChangeFromV1_3:	1. Change Core from Yes to No.	

ShortName:	Notes	SeqNo: 1360
FieldName:	General Notes	Core: No
Definition:	General notes, up to 255 characters.	Harvest: No
Format:	Memo	
DataSource:	User	Default: (Null/blank = missing)
ParentField:		ParentValue:
ValidData:		UsualRange:
HarvestCoding:		
ChangeFromV1_3:	1. Change Core from Yes to No.	

Appendix A: Clinical and Pathological Staging Descriptions

LUNG CANCER TNM DESCRIPTORS

Clinical staging of lung carcinoma may include history, physical examination, biopsy, routine laboratory studies, bronchoscopy, mediastinoscopy, diagnostic imaging, bone scan, computed tomography, positron emission tomography, and magnetic resonance imaging. Lymph nodes ≥ 1 cm should be considered clinically positive. Lymph nodes, which are less than 1 cm, should have biopsy proof before being designated as "positive".

TUMOR DESCRIPTORS

- TX Primary tumor cannot be assessed, or tumor proven by the presence of malignant cells in sputum or bronchial washings but not visualized by imaging studies, roentgenographically or bronchoscopically, or any tumor that cannot be assessed, as in a retreatment staging.
- T0 No evidence of primary tumor.
- Tis[S] Carcinoma *in situ*.
- T1 A tumor that is 3.0 cm or less in greatest dimension, surrounded by lung or visceral pleura, and without bronchoscopic evidence of invasion more proximal to a lobar bronchus at bronchoscopy, * (i.e., not in the main bronchus)
- T2 A tumor with any of the following features of size or extent:
 - More than 3.0 cm in greatest dimension
 - A tumor of any size that invades the visceral pleura
 - Associated with atelectasis or obstructive pneumonitis extending to the hilar region but does not involve the entire lung.

At bronchoscopy, the proximal extent of demonstrable tumor must be within a lobar bronchus or at least 2.0 cm distal to the carina. Any associated atelectasis or obstructive pneumonitis must involve less than an entire lung.

- T3 A tumor of any size that directly involves any of the following:
 - Chest wall (including superior sulcus tumors)
 - Diaphragm
 - Mediastinal pleura
 - Parietal pericardium without involving the heart, great vessels, trachea, esophagus or vertebral body
 - Or a tumor in the main bronchus less than 2 cm distal to be carina, but without involving the carina; or associated atelectasis or obstructive pneumonitis of the entire lung.
- T4 A tumor of any size that invades any of the following:
 - Mediastinum
 - Heart
 - Great vessels
 - Trachea
 - Esophagus
 - Vertebral body
 - Carina
 - Or presence of malignant pleural or pericardial effusion, **
 - Or with satellite tumor nodules within the ipsilateral, primary tumor lobe of the lung.

*T1: The uncommon superficial tumor of any size with its invasive component limited to the bronchial wall which may extend proximal to the main bronchus is classified as T1.

**T4: Most pleural effusions associated with lung cancer are due to tumor. There are, however, some few patients in whom cytopathological examination of pleural fluid (on more than one specimen) is negative for tumor, the fluid is non-bloody and is not an exudate. In such cases where these elements and clinical judgment dictate that the effusion is not related to the tumor, the patients should be staged T1, T2, or T3, excluding effusion as a staging element.

NODAL DESCRIPTORS

- NX Regional lymph nodes cannot be assessed
- N0 No demonstrable metastasis to regional lymph nodes.
- N1 Metastasis to lymph nodes in the peribronchial or the ipsilateral hilar region, or both, including direct extension of the primary tumor.
- N2 Metastasis to ipsilateral mediastinal and/or subcarinal lymph node(s).
- N3 Metastasis to contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene or supraclavicular lymph node(s).

METASTASIS DESCRIPTORS

- MX Distant metastasis cannot be assessed
- M0 No (known) distant metastasis
- M1 Distant metastasis present ***.

***M1: Separate metastatic tumor nodules in ipsilateral nonprimary tumor lobe(s) of the lung also are classified M1.

ESOPHAGEAL CARCINOMA STAGING

Clinical staging of esophageal carcinoma may include history, physical examination, biopsy, routine laboratory studies, esophagoscopy, diagnostic imaging, computed tomography, and esophageal ultrasound. Esophageal ultrasound may be used for identifying tumor location, depth of invasion of the esophageal wall, and enlarged lymph nodes. Lymph nodes ≥ 1 cm should be considered clinically positive. Lymph nodes, which are less than 1 cm, should have biopsy proof before being designated as "positive".

Primary Tumor (T)

- TX Primary tumor cannot be assessed
- T0 No evidence of primary tumor
- Tis Carcinoma in situ or high-grade [severe] dysplasia in Barretts' esophagus
- T1 Tumor invades lamina propria or submucosa
- T2 Tumor invades into muscularis propria
- T3 Tumor invades into adventitia
- T4 Tumor invades adjacent structures

Regional Lymph Nodes (N)

- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1 Regional lymph node metastasis

Distant Metastasis (M)

- MX Distant metastasis cannot be assessed
- M0 No evidence of distant metastasis
- M1 Distant metastasis present:
 - Tumors of the lower thoracic esophagus:
 - M1a metastasis to celiac lymph nodes
 - M1b other distant metastasis
 - Tumors of the mid thoracic esophagus
 - M1a [not applicable]
 - M1b nonregional lymph nodes and/or other distant metastasis
 - Tumors of the upper thoracic esophagus
 - M1a metastasis to cervical nodes
 - M1b other distant metastasis

¹ Bernard GR, Artigas A, Brigham KL, et al. Report of the American-European Consensus Conference on Acute Respiratory Distress Syndrome: Definitions, Mechanisms, Relevant Outcomes, and Clinical Trial Coordination. Consensus Committee. *Amer. J. Respir. Crit. Care Med.* (1994) 149:818-824