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   Harvest: Yes
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
conjuction 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.

Format: Integer

DataSource: Automatic   Default: (unique value)   TableName: Operations

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
"Operations" table.

Format: Integer

DataSource: Automatic   Default: (database assigned value)   TableName: Procedures

ParentField: ParentValue:

ValidData:

HarvestCoding:

ChangeFromV2_06:

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

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
record. Vendor controls the value in this field. Version passing certificiation/harvest
testing will be noted at warehouse.

Format: Text length 20

DataSource: Automatic   Default: (assigned value)   TableName: Operations

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
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.

Format: Text length 8

DataSource: Automatic   Default: (assigned value)   TableName: Operations

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding: 2.07

ChangeFromV2_06:   1. Changed HarvestCoding from blank to 2.07.

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   Harvest: No
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.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
             2 = No

ChangeFromV2_06:

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   Harvest: Yes
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.

Format: Text length 5

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

ParentField: ParentValue:

ValidData: Value assigned by the STS

HarvestCoding:

ChangeFromV2_06:

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 "Demographics"   Harvest: Yes
table.

Format: Integer

DataSource: Automatic   Default: (database assigned value)   TableName: Operations

---

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition: Replaced "PatientInfo" with "Demographics".

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   Harvest: Yes
primary key that links this record with the associated records in the "Operations" 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.

Format: Integer

DataSource: Automatic   Default: (unique value)   TableName: Demographics

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding:

ChangeFromV2_06:   1. Changed Defininition: Replaced "STSData" with "Operations".

ShortName: DemogDataVrsn   SeqNo: 95

FieldName: Demographics Table Data Version   Core: Yes

Definition: Version number of the STS Data Specifications/Dictionary, to which the Demographics   Harvest: Yes
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. Note that the data version of the demographics record does not necessarily
need to match the data version ofall of the associated operation records for that patient.
This is because new data versions might be implemented in the software and used for
the creation of operation records after a demographics record has been created for a
patient.

Format: Text length 8

DataSource: Automatic   Default: (assigned value)   TableName: Demographics

ParentField: ParentValue:

ValidData: Assigned value, automatically inserted by software

HarvestCoding: 2.07

ChangeFromV2_06:   1. Add new field.

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:

HarvestCoding:

ChangeFromV2_06:

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:

HarvestCoding:

ChangeFromV2_06:

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:

HarvestCoding:

ChangeFromV2_06:

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:

HarvestCoding:

ChangeFromV2_06:

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   Harvest: No
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.

Format: Text length 11

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

ParentField: ParentValue:

ValidData:

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Optional
confidentiality issues at facilities. Participant will choose whether Harvest=Yes or
Harvest=No.

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

HarvestCoding:

ChangeFromV2_06:

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:

HarvestCoding:

ChangeFromV2_06:

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

HarvestCoding: 1 = Male
2 = Female

ChangeFromV2_06:

ShortName: **Race**   SeqNo: 180

FieldName: Patient's race   Core: No

Definition: Indicate the patient's race as determined by the patient or family.   Harvest: No

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

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

ChangeFromV2_06: 1. Changed Core from Yes to No.
2. Changed Harvest from Yes to No.

ShortName: **RaceCaucasian**   SeqNo: 181

FieldName: Patient's race includes Caucasian   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                2 = No

ChangeFromV2_06:   1. Add new field.

ShortName:	**RaceBlack**	SeqNo: 182

FieldName: Patient's race includes Black		Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                2 = No

ChangeFromV2_06:   1. Add new field.

ShortName:	**RaceHispanic**	SeqNo: 183

FieldName: Patient's race includes Hispanic		Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                2 = No

ChangeFromV2_06:   1. Add new field.

ShortName:	**RaceAsian**	SeqNo: 184

FieldName: Patient's race includes Asian		Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                2 = No

ChangeFromV2_06:   1. Add new field.

ShortName:	**RaceNativeAm**	SeqNo: 185

FieldName: Patient's race includes Native American		Core: Yes

Definition: Indicate whether the patient's race, as determined by the patient or family, includes Native American		Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Add new field.

ShortName: RaceOther   SeqNo: 186

FieldName: Patient's race includes any other race   Core: Yes

Definition: Indicate whether the patient's race, as determined by the patient or family, includes any   Harvest: Yes
              other race.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Add new field.

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   Harvest: Yes
              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). If patient is less than
              one year old, enter the value 1.

Format: Integer

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

ParentField: ParentValue:

ValidData: 1 - 110

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition. Added sentence "If patient is less than one year old, enter the value 1".

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   Harvest: Yes
              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.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Normal activity, no sysmptoms; 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

HarvestCoding: 0 = Normal activity, no sysmptoms
                 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

ChangeFromV2_06:

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   Harvest: Yes
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.

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.

HarvestCoding:

ChangeFromV2_06:   1. Changed Harvest from "No" to "Yes".

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   Harvest: Yes
user selects the surgeon. The list of surgeons and associated UPIN values are
maintained by the user.

Format: Text length 9 (categorical values specified by User)

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

ParentField: ParentValue:

ValidData:

HarvestCoding:

ChangeFromV2_06:

ShortName: HospName   SeqNo: 230

FieldName: Hospital Name   Core: Yes

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

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.

HarvestCoding:

ChangeFromV2_06:   1. Changed Harvest from "No" to "Yes"

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   Harvest: Yes
record when the user selects the hospital name. The list of hospital names and
associated hospital codes are maintained by the user.

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

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

ParentField: ParentValue:

ValidData:

HarvestCoding:

ChangeFromV2_06:   1. Changed DataSource from "User" to "User or Automatic".

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   Harvest: Yes
               names such as "Postal Code".

Format: Text length 10

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

ParentField: ParentValue:

ValidData:

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
               out-patient capacity (i.e. catheterization), the admit date is the date the patient's status
               changes to in-patient.

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

HarvestCoding:

ChangeFromV2_06:

ShortName: **SurgDt**   SeqNo: 260

FieldName: Date of surgery   Core: Yes

Definition: Indicate the date of surgery, which equals the date the patient enters the operating room.   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

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

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

HarvestCoding:

ChangeFromV2_06:

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: 3.9 - 98.4

HarvestCoding:

ChangeFromV2_06:   1. Changed ValidData from blank to "3.9 - 98.4".

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

HarvestCoding:

ChangeFromV2_06:

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: 2.2 - 551.2

HarvestCoding:

ChangeFromV2_06:   1. Changed ValidData from blank to "2.2 - 551.2".

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   Harvest: Yes
               loss in the last three months. Enter "0" if answer is "none".

Format: Real number 3.1 digits e.g. 999.9

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

ParentField: ParentValue:

ValidData: 0 - 250

HarvestCoding:

ChangeFromV2_06:

ShortName: **Category**   SeqNo: 310

FieldName: Category of disease	Core: Yes

Definition: Indicate to which disease category the patient's primary disease process belongs. Indicate the disease category if known preoperatively, if unknown preoperatively, may enter postoperatively.

Harvest: Yes

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

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

ChangeFromV2_06:

- -

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 (-)

HarvestCoding: 1 = Gram-(+) bacteria
2 = Gram-(-) bacteria
3 = Fungal
4 = Mycobacterium Tuberculosis
5 = Multi-drug resistant tuberculosis
6 = Mycobacterium other than tuberculosis
7 = Culture (-)

ChangeFromV2_06:

- -

ShortName: TraumaOR	SeqNo: 322

FieldName: Trauma Requiring OR Intervention   Core: Yes

Definition: Indicate whether a recent trauma resulted in a primary diagnosis that required operating room 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

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

ShortName:	**TraumaTy**	SeqNo: 325

FieldName: Trauma Type   Core: Yes

Definition: Indicate the type of trauma that resulted in a primary diagnosis that required operating   Harvest: Yes
                    room intervention during this hospitalization.

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)

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

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

ShortName:	**NoComorb**	SeqNo: 330

FieldName: No comorbidities   Core: No

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
                                  2. Changed Harvest from "Yes" to "No".

ShortName:	**Comorb**	SeqNo: 335

FieldName: Comorbidities   Core: Yes

Definition: Indicate whether the patient has comorbid factors.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Add new field.

ShortName:	**Hypertn**	SeqNo: 340

FieldName: Hypertension   Core: Yes

Definition: Indicate whether the patient has a diagnosis of hypertension, documented by one of the   Harvest: Yes
                    following:
                      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: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **Steroid**	SeqNo: 350
FieldName: Steroids	Core: Yes

Definition: Indicate whether the patient was taking steroids within 24 hours of surgery and does not   Harvest: Yes
              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).

Format: Text (categorical values specified by STS)

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

ParentField: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
              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:
                 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: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
              by one of the following:
                 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: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes

2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: PVD   SeqNo: 380

FieldName: Peripheral vascular disease   Core: Yes

Definition: Indicate whether the patient has Peripheral Vascular Disease, as indicated by   Harvest: Yes
              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.

Format: Text (categorical values specified by STS)

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

ParentField: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: PreopChemo   SeqNo: 390

FieldName: Preoperative chemotherapy   Core: Yes

Definition: Indicate if the patient has received preoperative chemotherapy for any reason prior to this   Harvest: Yes
              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.

Format: Text (categorical values specified by STS)

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

ParentField: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

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 occurance or
                       any previous occurance 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

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

----

ChangeFromV2_06:

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   Harvest: Yes
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.

Format: Text (categorical values specified by STS)

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

ParentField: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

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 occurance or
                       any previous occurance 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
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

ChangeFromV2_06:

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: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                   2. Changed ParentValue from blank to '= "Yes" '.

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 history of more than one prior cardiac and/or general thoracic surgery, indicate the time frame for the most recent procedure.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: PriorCTS   ParentValue: = "Yes"

ValidData: Prior admission; Current admission

HarvestCoding: 1 = Prior admission
                     2 = Current admission

ChangeFromV2_06:   1. Changed ParentField from blank to "PriorCTS".
                              2. Changed ParentValue from blank to '= "Yes" '.

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: Comorb   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                     2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "Comorb".
                              2. Changed ParentValue from blank to '= "Yes" '.

ShortName:	**TobNone**	SeqNo: 440

FieldName: Tobacco use - None   Core: No

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                     2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
                              2. Changed Harvest from "Yes" to "No".

ShortName:	**Tobacco**	SeqNo: 445

FieldName: Tobacco Use   Core: Yes

Definition: Indicate whether the patient has used any form of tobacco at any time in the past.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                     2 = No

ChangeFromV2_06:   1. Add new field.

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: Tobacco   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from "TobNone" to "Comorb".
                   2. Changed ParentValue from '<> "Yes" ' 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: Tobacco   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from "TobNone" to "Comorb".
                   2. Changed ParentValue from '<> "Yes" ' 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   Harvest: Yes
             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.

Format: Integer

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

ParentField: TobCig   ParentValue: = "Yes"

ValidData: 1 - 210

HarvestCoding:

ChangeFromV2_06:   1. Changed ParentField from "TobNone" to "TobCig".
                   2. Changed ParentValue from '<> "Yes"" 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: Tobacco   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from "TobNone" to "Comorb".

---

2. Changed ParentValue from '<> "Yes" ' 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   Harvest: Yes
use.

Format: Text (categorical values specified by STS)

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

ParentField: Tobacco   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06:   1. Changed ParentField from "TobNone" to "Comorb".
2. Changed ParentValue from '<> "Yes" ' 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   Harvest: Yes
days pre-op" of the patient is a current smoker.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Never smoked (<100 cigarettes/lifetime); 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

HarvestCoding: 1 = Never smoked (<100 cigarettes/lifetime)
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

ChangeFromV2_06:   1. Changed ValidData - Added the text " (<100 cigarettes/lifetime)" to the opion "Never smoked".
2. Changed HarvestCoding - Added the text " (<100 cigarettes/lifetime)" to the option "1 = Never
smoked".

ShortName:	**CerebroHx**	SeqNo: 510

FieldName: Cerebrovascular history   Core: Yes

Definition: Indicate whether the patient has a history of Cerebro-Vascular Disease, documented by   Harvest: Yes
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.

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

HarvestCoding: 1 = No CVD history
2 = Any reversible event
3 = Any irreversible event

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

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 : None = No treatment for diabetes Diet = Diet treatment only Oral = Oral agent treatment only Insulin = Insulin treatment (includes any combination with insulin)	Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: Diabetes	ParentValue: = "Yes"

ValidData: None; Diet; Oral; Insulin

HarvestCoding: 1 = None
                 2 = Diet
                 3 = Oral
                 4 = Insulin

ChangeFromV2_06:

ShortName: **RenalHx**	SeqNo: 530

FieldName: Renal insufficiency history	Core: Yes

Definition:	Indicate whether the patient has:
	  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.
		Harvest: Yes

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

HarvestCoding: 1 = No renal insufficiency
                 2 = Creatinine >= 2
                 3 = Dialysis of any type

ChangeFromV2_06:

ShortName: **ClinNA**	SeqNo: 540

FieldName: Clinical stage n/a	Core: No

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: No

Format: Text (categorical values specified by STS)

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

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
2. Changed Harvest from "Yes" to "No".

ShortName: ClinStage   SeqNo: 545

FieldName: Clinical Staging   Core: Yes

Definition: Indicate whether clinical staging is applicable.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: Category   ParentValue: = "Trachea - Malignant", "Lung -
Primary", "Mediastinum",
"Metasteses - Lung", "Metastases -
Other", "Pleura - Neoplastic",
"Pleura - Other", "Esophagus -
Primary", "Primary Chest Wall", or
"Other"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06:   1. Add new field.

ShortName: ClinT   SeqNo: 550

FieldName: Clinical stage T   Core: Yes

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

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

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

ChangeFromV2_06:

ShortName: ClinN   SeqNo: 560

FieldName: Clinical stage N   Core: Yes

Definition: Indicate the appropriate descriptor for nodes based on all the clinical staging   Harvest: Yes
characteristics of the lymph nodes. (See Apendix A for full description.)

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

HarvestCoding: 1 = 1
2 = 2

---

            3 = 3
            4 = X
            5 = O

ChangeFromV2_06:

ShortName: **ClinM**   SeqNo: 570

FieldName: Clinical stage M   Core: Yes

Definition: Indicate the appropriate descriptor for metastases based upon all the clinical staging   Harvest: Yes
             characteristics of the metastases. (See Apendix A for full description.)

Format: Text (categorical values specified by STS)

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

ParentField: ClinNA   ParentValue: <> "Yes"

ValidData: X; O; 1

HarvestCoding: 1 = 1
                 2 = X
                 3 = O

ChangeFromV2_06:

ShortName: **ClinMAB**   SeqNo: 580

FieldName: Clinical stage Ma, b   Core: Yes

Definition: Indicate for esophagus procedures only the clinical staging of Ma, b. (See Apendix A for   Harvest: Yes
             full description.)

Format: Text (categorical values specified by STS)

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

ParentField: ClinNA   ParentValue: <> "Yes"

ValidData: M1a; M1b

HarvestCoding: 1 = M1a
                 2 = M1b

ChangeFromV2_06:

ShortName: **PFTNA**   SeqNo: 590

FieldName: Preop PFTs not done   Core: No

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
                  2. Changed Harvest from "Yes" to "No".

ShortName: **PFT**   SeqNo: 592

FieldName: Pulmonary Function Tests Done   Core: Yes

Definition: Indicate whether pulmonary function tests (PFT's) were done prior to this operation.   Harvest: Yes
             PFT's done more than 12 months prior to the primary surgical procedure should not be
             included here.

Format: Text (categorical values specified by STS)

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

ValidData: Yes; No

HarvestCoding: 1 = Yes
       2 = No

ChangeFromV2_06: 1. Add new field.

ShortName: **FVCND**		SeqNo: 595
FieldName: FVC Test Not Done		Core: No
Definition: Indicate whether a Forced Vital Capacity (FVC) test was done.		Harvest: No
Format: Text (categorical values specified by STS)		
DataSource: User	Default: (Null/blank = missing)	TableName: Operations
ParentField: PFTNA	ParentValue: <> "Yes"	

ValidData: Yes; No

HarvestCoding: 1 = Yes
       2 = No

ChangeFromV2_06: 1. Changed Core from "Yes" to "No".
          2. Changed Harvest from "Yes" to "No".

ShortName: **FVC**		SeqNo: 596
FieldName: Forced Vital Capacity Test 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:	ParentValue:	

ValidData: Yes; No

HarvestCoding: 1 = Yes
       2 = No

ChangeFromV2_06: 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

HarvestCoding:

ChangeFromV2_06:

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

HarvestCoding:

ChangeFromV2_06:

ShortName:	**FEVND**	SeqNo: 615
FieldName:	FEV1 Test Not Done	Core: No
Definition:	Indicate whether a Forced Expiratory Volume at 1 second (FEV1) test was not done.	Harvest: No
Format:	Text (categorical values specified by STS)	

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

ParentField: PFTNA   ParentValue: <> "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
2. Changed Harvest from "Yes" to "No".

ShortName: FEV   SeqNo: 616

FieldName: Forced Expiratory Volume Test Done   Core: Yes

Definition: Indicate whether a Forced Expiratory Volume at 1 second (FEV1) test was done.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   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

HarvestCoding:

ChangeFromV2_06:

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

HarvestCoding:

ChangeFromV2_06:

ShortName: **DLCOND**		SeqNo: 635
FieldName: DLCO Test Not Done		Core: No
Definition: Indicate whether a lung diffusion measured with carbon monoxide (DLCO) test was not done.		Harvest: No
Format: Text (categorical values specified by STS)		
DataSource: User	Default: (Null/blank = missing)	TableName: Operations
ParentField: PFTNA	ParentValue: <> "Yes"	
ValidData: Yes; No		
HarvestCoding: 1 = Yes 2 = No		
ChangeFromV2_06: 1. Changed Core from "Yes" to "No". 2. Changed Harvest from "Yes" to "No".		

ShortName: **DLCO**		SeqNo: 636
FieldName: Lung Diffusion Measured With Carbon Monoxide		Core: Yes
Definition: Indicate whether a lung diffusion measured with carbon monoxide (DLCO) test was done.		Harvest: Yes
Format: Text (categorical values specified by STS)		
DataSource: User	Default: (Null/blank = missing)	TableName: Operations
ParentField:	ParentValue:	
ValidData: Yes; No		
HarvestCoding: 1 = Yes 2 = No		
ChangeFromV2_06: 1. Add new field.		

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		
HarvestCoding:		
ChangeFromV2_06:		

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

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

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   Harvest: Yes
                operating room.

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

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

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

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
                closed. If patient leaves the operating room with an open incision , collect the time the
                dressings were applied to the incision.

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

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

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   Harvest: Yes
                operating room.

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

HarvestCoding:

ChangeFromV2_06:   1. Changed Definition - Changed "OR" to "operating room".

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

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

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   Harvest: Yes
primary surgical procedure.

   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

HarvestCoding: 1 = Emergent
                 2 = Urgent
                 3 = Elective

ChangeFromV2_06:

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   Harvest: Yes
general thoracic surgical procedure in the same cavity or organ any time prior to this
operation.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

ShortName: **TransIntraop**   SeqNo: 728

FieldName: Blood transfusion - Intraop   Core: Yes

Definition: Indicate whether the patient received a blood transfusion intraoperatively. Intraop is   Harvest: Yes

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defined as any blood started inside of the operating room.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed SeqNo from 1066 to 728.
                   2. Changed DCFSection from "Post-Operative Events" to "Procedures".
                   3. Changed Definition - Changed "OR" to "operating room".

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;
             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

ChangeFromV2_06:

ShortName: Proc   SeqNo: 740

FieldName: Procedure   Core: Yes

Definition: Indicate the general thoracic procedures being performed during this operating room   Harvest: Yes
             visit. Please note: A separate General Thoracic Database Data Collection Form should
             be completed for each general thoracic operating room or endoscopy suite visit.

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
             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 Tracheobroncial
             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; Myotocomy, cricopharyngeal; Myotomy, esophageal (long); Myotomy, cardia (short); Resection, intrathoracic diverticulum; Resection, esophagus (esophagectomy); Resection, esophageal wall leasion; Fundoplication, circumferentia; Fundoplication, partial; Gastroplasty; 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 Mediastinotom
                  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 Tracheobroncial 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 = Myotocomy, cricopharyngeal
650 = Myotomy, esophageal (long)
660 = Myotomy, cardia (short)
670 = Resection, intrathoracic diverticulum
680 = Resection, esophagus (esophagectomy)
690 = Resection, esophageal wall leasion
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

ChangeFromV2_06:   1. Changed Definition - Added the text " or endoscopy suite ".

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

HarvestCoding: 1 = Yes
               2 = No

ChangeFromV2_06:

ShortName: **ApprThcscpy**   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

HarvestCoding: 1 = Yes
               2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
               2 = No

ChangeFromV2_06:

ShortName: **ApprThcabdml**   SeqNo: 753

FieldName: Approach - Thoracoabdominal   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

ShortName: **ApprMedStern**   SeqNo: 754

FieldName: Approach - Median Sternotomy   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

ShortName: **ApprPartStern**   SeqNo: 755

FieldName: Approach - Partial Sternotomy   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

ShortName: **ApprTranStern**   SeqNo: 756

FieldName: Approach - Transverse Sternotomy   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
           2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
           2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
           2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
           2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:

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

HarvestCoding: 1 = Right
                  2 = Left
                  3 = Both

ChangeFromV2_06:

ShortName: NoPostop   SeqNo: 770

FieldName: No postop events occurred   Core: No

Definition: Indicate whether the patient did not experience any postoperative events.   Harvest: No

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed Core from "Yes" to "No".
                    2. Changed Harvest from "Yes" to "No".

ShortName: POEvents   SeqNo: 775

FieldName: Postoperative Events Occurred   Core: Yes

Definition: Indicate whether the patient experienced 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

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Add new field.

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-   Harvest: Yes
               operative.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Atelectasis   SeqNo: 850

FieldName: Atelectasis requiring bronchoscopy   Core: Yes

Definition: Indicate whether the patient experienced atelectasis requiring a bronchoscopy in the post-   Harvest: Yes
              operative period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
              defined as meeting three of five characteristics: fever, leucocytosis, CXR with infiltrate,
              positive culture from sputum, or treatment with antibiotics.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
              syndrome). According to the American-European consensus conference, a diagnosis of
              ARDS is assigned if all of the following criteria are present:
                  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)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Bronchopleural   SeqNo: 880

FieldName: Bronchopleural fistula   Core: Yes

Definition: Indicate if the patient experienced a documented bronchopleural fistula in the post-   Harvest: Yes
             operative period. Bronchopleural fistula is defined as a major bronchial air leak requiring
             intervention such as a chest tube, operation, or other procedure.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: PE   SeqNo: 890

FieldName: Pulmonary embolus   Core: Yes

Definition: Indicate whether the patient experienced a Pulmonary Embolus in the post-operative   Harvest: Yes
             period as experienced by a V/Q scan, angiogram or spiral CT.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Vent   SeqNo: 900

FieldName: Initial vent support >48 hours   Core: Yes

Definition: Indicate if the patient initially was ventilated greater than 48 hours in the post-operative   Harvest: Yes
             period. If the patient is extubated prior to 48 hours, this item would not be selected. If
             the patient is reintubated, please select the postoperative event "reintubation" and do not
             select this element even if the reintubation ventilator support is > 48 hours. Ventilator
             support ends with the removal of the endotracheal tube or if the patient has a
             tracheostomy tube, until no longer ventilator dependent.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Reintube   SeqNo: 910

FieldName: Reintubate   Core: Yes

Definition: Indicate whether the patient was re-intubated during the initial hospital stay after the initial   Harvest: Yes
             extubation. This may include patients who have been extubated in the operating room
             and require intubation in the postoperative period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                         2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                                 2. Changed ParentValue from blank to '= "Yes" '.

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                         2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                                 2. Changed ParentValue from blank to '= "Yes" '.

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                         2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                                 2. Changed ParentValue from blank to '= "Yes" '.

ShortName: AtrialArryth   SeqNo: 940

FieldName: Atrial arrhythmia requiring treatment   Core: Yes

Definition: Indicate whether the patient, in the post-operative period, experienced atrial fibrillation   Harvest: Yes
                  and/or atrial flutter that has been clinically documented or treated with any of the
                  following treatment modalities:
                     1. ablation therapy
                     2. permanent pacemaker
                     3. pharmachological treatment
                     4. electrocardioversion
                  Note: If patient has a preoperative history of atrial arrhythmia, then atrial arrhythmia
                  would not be considered a postoperative event.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                         2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                                 2. Changed ParentValue from blank to '= "Yes" '.
                                 3. Changed Definition: Added the sentence "Note: If patient has a preoperative history of atrial
                                 arrhythmia, then atrial arrhythmia would not be considered a postoperative event.".

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. pharmachologic treatment
    5. electrocardioversion

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
                  2. Changed ParentValue from blank to '= "Yes" '.

- -

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
                  2. Changed ParentValue from blank to '= "Yes" '.

- -

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
                  2. Changed ParentValue from blank to '= "Yes" '.

- -

ShortName: **OtherCV**		SeqNo: 980
FieldName: Other cardiovascular event		Core: Yes

Definition: Indicate whether any other CV event occurred including distal arterial embolism in the   Harvest: Yes
post-operative period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
2. Changed ParentValue from blank to '= "Yes" '.

ShortName: GastricOutlet   SeqNo: 990

FieldName: Gastric outlet obstruction   Core: Yes

Definition: Indicate whether the patient experienced a gastric outlet obstruction requiring   Harvest: Yes
intervention, e.g., IV for dehydration, endoscopy and dilation, reoperation, etc., in the
post-operative period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
defined by limited GI motility requiring treatment e.g. nasogastric tube insertion for
decompression, etc., in the post-operative period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06: 1. Changed ParentField from blank to "POEvents".
2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
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".

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                        2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **AnastoSurg**   SeqNo: 1020

FieldName: Anastomosis requiring surgical treatment   Core: Yes

Definition: Indicate whether the patient in the post-operative period experienced an esophageal   Harvest: Yes
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".
Indicate whether the patient in the post-operative period experienced an esophageal
anastomosis leak that required surgical intervention or manipulation, i.e., reoperation (in
the operating room or requiring general anesthesia, repeat thoracotomy for drainage and
control of the leak) for the esophageal anastomotic leak. Opening the neck incision for
drainage at the bedside would be included here.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                    2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                        2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **DilationEsoph**   SeqNo: 1030

FieldName: Dilation of the esophagus prior to discharge   Core: Yes

Definition: Indicate whether the patient required dilation of the esophagus within the post-operative   Harvest: Yes
period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                    2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                        2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **OtherGI**   SeqNo: 1040

FieldName: Any other GI event occurred.   Core: Yes

Definition: Indicate if the patient experienced any other GI events in the post-operative period.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                    2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                        2. Changed ParentValue from blank to '= "Yes" '.

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                    2. Changed ParentValue from blank to '= "Yes" '.

ShortName: TransPostop   SeqNo: 1067

FieldName: Blood transfusion - Postop   Core: Yes

Definition: Indicate whether the patient received a blood transfusion postoperatively.   Postop is   Harvest: Yes
               defined as any blood started after the initial surgery, including blood transfused after the
               initial surgery and any blood transfused during a reoperative surgery.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                    2. Changed ParentValue from blank to '= "Yes" '.

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-   Harvest: Yes
               operative period such as Heparin Induced Thrombocytopenia.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                    2. Changed ParentValue from blank to '= "Yes" '.

ShortName: UTI   SeqNo: 1080

FieldName: Urinary tract infection   Core: Yes

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

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                    2. Changed ParentValue from blank to '= "Yes" '.

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: WoundInfect   SeqNo: 1100

FieldName: Wound infection   Core: Yes

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

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Sepsis   SeqNo: 1110

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

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

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
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.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **RecLarynParesis**   SeqNo: 1140

FieldName: Recurrent laryngeal nerve paresis   Core: Yes

Definition: Indicate whether the patient experienced in the postoperative period a recurrent laryngeal   Harvest: Yes
              nerve paresis or paralysis that was not identified during the pre-operative evaluation.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **OtherNeuro**   SeqNo: 1150

FieldName: Other neurological event   Core: Yes

Definition: Indicate whether the patient experienced any other neurologic event in the post-operative   Harvest: Yes
              period.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

ShortName: **NewRenalFail**   SeqNo: 1160

FieldName: New renal failure   Core: Yes

Definition: Indicate whether the patient experienced renal failure in the post-operative period as   Harvest: Yes
              documented by acute or worsening renal failure resulting in one or more of the following:
              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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                 2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                   2. Changed ParentValue from blank to '= "Yes" '.

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: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                              2. Changed ParentValue from blank to '= "Yes" '.

ShortName: ChyloSurg   SeqNo: 1180

FieldName: Chylothorax requiring surgical intervention   Core: Yes

Definition: Indicate whether the patient experienced a chylothoraxin the post-operative period   Harvest: Yes
              requiring surgical intervention, i.e., thoracotomy, laparotomy, thoracoscopy, etc.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                              2. Changed ParentValue from blank to '= "Yes" '.

ShortName: Delirium   SeqNo: 1190

FieldName: Delirium tremens   Core: Yes

Definition: Indicate whether the patient experienced delirium tremens in the post-operative period   Harvest: Yes
              marked by illusions, confusion, cerebral excitement, and having a comparatively short
              course.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                              2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
              period requiring medical treatment, including endoscopy.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                          2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".

2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
period requiring a procedure with general anesthesia.

Format: Text (categorical values specified by STS)

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

ParentField: POEvents   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "POEvents".
                    2. Changed ParentValue from blank to '= "Yes" '.

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   Harvest: Yes
expired in the hospital, the discharge date is the date of death.

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

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
which the primary surgery procedure occurred.

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Alive; Dead

HarvestCoding: 1 = Alive
                  2 = Dead

ChangeFromV2_06:

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

HarvestCoding:

ChangeFromV2_06:

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   Harvest: Yes
              hospital or not).

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Alive; Dead; Unknown

HarvestCoding: 1 = Alive
                  2 = Dead
                  3 = Unknown

ChangeFromV2_06:   1. Changed ParentField from "MtDCStat" to blank.
                    2. Changed ParentValue from '= "Alive"' to blank.
                    3. Changed ValidData - Added "Unknown" option.
                    4. Changed HarvestCoding - Added "3 = Unknown" option.

- -

ShortName: **CTubeUse**   SeqNo: 1270

FieldName: Chest tube use   Core: Yes

Definition: Indicate whether the patient had one or more chest tubes in place during this admission.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Add new field.

- -

ShortName: **CTubeDis**   SeqNo: 1275

FieldName: Patient Discharged with Chest Tube   Core: Yes

Definition: Indicate whether the patient was discharged with a chest tube. If patient expired during   Harvest: Yes
              this hospitalization with chest tube(s) in place, this field would appropriately be answered
              Yes.

Format: Text (categorical values specified by STS)

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

ParentField: CTubeUse   ParentValue: = "Yes"

ValidData: Yes; No

HarvestCoding: 1 = Yes
                  2 = No

ChangeFromV2_06:   1. Changed ParentField from blank to "CTubeUse".
                    2. Changed ParentValue from blank to '= "Yes" '.

- -

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

HarvestCoding:

ChangeFromV2_06:

ShortName: **PathNA**	SeqNo:	1300
FieldName: Pathological stage n/a	Core:	No
Definition: Indicate if path staging is not applicable. For benign disease or pulmonary metastases of any type, pathological staging is not applicable.	Harvest:	No

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06: 1. Changed Core from "Yes" to "No".
2. Changed Harvest from "Yes" to "No".

ShortName: **PathStage**   SeqNo: 1305

FieldName: Pathological Staging Applicable   Core: Yes

Definition: Indicate whether pathological staging is applicable.   Harvest: Yes

Format: Text (categorical values specified by STS)

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

ParentField: ParentValue:

ValidData: Yes; No

HarvestCoding: 1 = Yes
2 = No

ChangeFromV2_06: 1. Add new field.

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 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; S; 1; 2; 3; 4

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

ChangeFromV2_06:

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

HarvestCoding: 1 = 1
                     2 = 2
                     3 = 3
                     4 = X
                     5 = 0

ChangeFromV2_06:

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

HarvestCoding: 1 = 1
                     2 = X
                     3 = O

ChangeFromV2_06:

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

HarvestCoding: 1 = M1a
                     2 = M1b

ChangeFromV2_06:

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
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