

STS General Thoracic Surgery Database Data Specifications

Version 2.3

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Note: - ALL fields defined in these specifications with "Core: Yes" are to be collected by all sites.

- A data record must be created for each time the patient enters the Operating Room.

- Fields indicated with a gray background are no longer being collected.

STS General Thoracic Surgery Database

Version 2.3

Long Name: Operations Table Record Identifier

SeqNo: 10

Short Name: **RecordID**

Core: Yes

Section Name: Database Administration

Harvest: Yes

DBTableName Operations

Definition: An arbitrary, unique value generated by the software that permanently identifies each record in the participant's database (note that unlike the PatID value, this does not identify the individual patient). The value of the identifier is a combination of a code assigned to the software developer by the STS, and a value generated by the software to create a unique value. Once assigned to a record, this value can never be changed or reused. The data warehouse will use this value to communicate issues about individual records with the participant. It may also be used by the data warehouse to link this record to other clinical data.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name:

Format: Text

ParentShortName:

DataLength:

ParentValue:

Data Source: Automatic

ParentHarvestCodes:

Long Name: Procedures Table Record Identifier

SeqNo: 20

Short Name: **RecordID**

Core: Yes

Section Name: Database Administration

Harvest: Yes

DBTableName Procedures

Definition: This field is the foreign key that links this record with the associated records in the "Operations" table.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name:

Format: Text

ParentShortName:

DataLength:

ParentValue:

Data Source: Automatic

ParentHarvestCodes:

Long Name: Software Vendor's Identification *SeqNo:* 30
Short Name: **VendorID** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes
DBTableName Operations
Definition: Software vendor's identification assigned by the STS.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Vendor's Software Version Number *SeqNo:* 40
Short Name: **SoftVrsn** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes
DBTableName Operations
Definition: Vendor's software product version number identifying the software which created this record.
 Vendor controls the value in this field. Version passing certification/harvest testing will be noted at the data warehouse.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Version Of STS Data Specification *SeqNo:* 50
Short Name: **DataVrsn** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes

DBTableName Operations

Definition: Version number of the STS Data Specifications/Dictionary, to which the record conforms. The value will identify which fields should have data, and what are the valid data values 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.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Participant ID *SeqNo:* 60
Short Name: **ParticID** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes

DBTableName Operations

Definition: Participant ID is a unique number assigned to each database Participant by the STS. A database Participant is defined as one entity that signs a Participation Agreement with the STS, submits one data file to the harvest, and gets back one report on their data. The ParticipantID must be entered into each record.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text length 5
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic or User
ParentHarvestCodes:

Long Name: Operations Table Patient Identifier *SeqNo:* 70
Short Name: **PatID** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes
DBTableName Operations
Definition: The foreign key that links this record with the associated records in the "Demographics" table.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Demographics Table Patient Identifier *SeqNo:* 80
Short Name: **PatID** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes
DBTableName Demographics
Definition: An arbitrary value that uniquely and permanently identifies each patient. The value of the identifier is a combination of a code assigned to the software developer by the STS, and a value generated by the software to create a unique value. 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 has been assigned to a patient, it can never be changed or reused. This field is the primary key that links this record with the associated records in the "Operations" table.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Demographics Table Data Version *SeqNo:* 90
Short Name: **DemogDataVrsn** *Core:* Yes
Section Name: Database Administration *Harvest:* Yes

DBTableName Demographics

Definition: Version number of the STS Data Specifications/Dictionary, to which the Demographics 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 of all 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.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic
ParentHarvestCodes:

Long Name: Medical Record # *SeqNo:* 100
Short Name: **MedRecN** *Core:* Yes
Section Name: Demographics *Harvest:* Optional

DBTableName Demographics

Definition: Indicate the patient's medical record number at the hospital where surgery occurred. This field should be collected in compliance with state/local privacy laws.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Patient's First Name *SeqNo:* 110
Short Name: **PatFName** *Core:* Yes
Section Name: Demographics *Harvest:* Optional
DBTableName Demographics
Definition: Indicate the patient's first name documented in the medical record. This field should be collected in compliance with state/local privacy laws.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Patient's Middle Initial *SeqNo:* 120
Short Name: **PatMInit** *Core:* No
Section Name: Demographics *Harvest:* No
DBTableName Demographics
Definition: Indicate the patient's middle initial documented in the medical record. Leave "blank" if no middle name. This field should be collected in compliance with state/local privacy laws.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text length 1
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Patient Middle Name *SeqNo:* 121
Short Name: **PatMName** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate the patient's middle name as documented in the medical record.
 Leave "blank" if no middle name. This field should be collected in compliance with state/local privacy laws.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Patient's Last Name *SeqNo:* 130
Short Name: **PatLName** *Core:* Yes
Section Name: Demographics *Harvest:* Optional

DBTableName Demographics

Definition: Indicate the patient's last name documented in the medical record. This field should be collected in compliance with state/local privacy laws.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Social Security Number *SeqNo:* 140
Short Name: **SSN** *Core:* Yes
Section Name: Demographics *Harvest:* Optional
DBTableName Demographics
Definition: Indicate the patient’s Social Security Number (SSN). Although this is the Social Security Number in the USA, other countries may have a different National Patient Identifier Number. For example in Canada, this would be the Social Insurance Number. This field should be collected in compliance with state/local privacy laws.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: STS Trial Link Number *SeqNo:* 150
Short Name: **STSTLink** *Core:* No
Section Name: Demographics *Harvest:* No
DBTableName Demographics
Definition: The unique identification number assigned by the STS indicating the clinical trial in which this patient is participating. This field should be left blank if the patient is not participating in a clinical trial associated with the STS.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Patient Participating In STS-Related Clinical Trial *SeqNo:* 151
Short Name: **ClinTrial** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate which, if any, STS-related clinical trial in which the patient is participating. The STS will assign a code to each clinical trial as they begin collecting data.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 None
- 2 Trial 1
- 3 Trial 2
- 4 Trial 3
- 5 Trial 4
- 6 Trial 5
- 7 Trial 6

Long Name: Patient Participating In STS-Related Clinical Trial - Patient ID *SeqNo:* 152
Short Name: **ClinTrialPatID** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate the patient identifier used to identify the patient in the clinical trial.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Patient Participating In STS-Related Clinical Trial *Format:* Text

ParentShortName: ClinTrial *DataLength:*

ParentValue: Is Not "None" And Is Not Missing *Data Source:* User

ParentHarvestCodes: <>1 And Is Not Missing

Long Name: Date Of Birth *SeqNo:* 160
Short Name: **DOB** *Core:* Yes
Section Name: Demographics *Harvest:* Optional
DBTableName Demographics
Definition: Indicate the patient's date of birth using 4-digit format for year. This field should be collected in compliance with state/local privacy laws.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Date in mm/dd/yyyy format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Age At Time Of Surgery *SeqNo:* 170
Short Name: **Age** *Core:* Yes
Section Name: Demographics *Harvest:* Yes
DBTableName Operations
Definition: Indicate the patient's age in years, at time of surgery. This should be calculated from the date of birth and the date of surgery, according to the convention used in the USA (the number of birth date anniversaries reached by the date of surgery). If patient is less than one year old, enter the value 1.
LowValue: 1 *UsualRangeLow:*
HighValue: 110 *UsualRangeHigh:*
Parent Long Name: *Format:* Integer
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic or User
ParentHarvestCodes:

Long Name: Postal Code *SeqNo:* 180
Short Name: **PostalCode** *Core:* Yes
Section Name: Demographics *Harvest:* Optional

DBTableName Demographics

Definition: Indicate the ZIP Code of the patient's residence. Outside the USA, this data may be known by other names such as Postal Code (needing 6 characters). Software should allow sites to collect at least up to 10 characters to allow for Zip+4 values.

This field should be collected in compliance with state/local privacy laws.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Gender *SeqNo:* 190
Short Name: **Gender** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

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

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Male |
| 2 | Female |

Long Name: Race Documented *SeqNo:* 191
Short Name: **RaceDocumented** *Core:* Yes
Section Name: Demographics *Harvest:* Yes
DBTableName Demographics
Definition: Indicate whether race is documented
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|------------------------------|
| 1 | Yes |
| 2 | No |
| 3 | Patient declined to disclose |

Long Name: Race - Caucasian *SeqNo:* 200
Short Name: **RaceCaucasian** *Core:* Yes
Section Name: Demographics *Harvest:* Yes
DBTableName Demographics
Definition: Indicate whether the patient's race, as determined by the patient or family, includes Caucasian. This includes a person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

 Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting. (www.whitehouse.gov/omb/fedreg/1997standards.html)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Race Documented *Format:* Text (categorical values specified by STS)
ParentShortName: RaceDocumented *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: Race - Black / African American *SeqNo:* 210
Short Name: **RaceBlack** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate whether the patient's race, as determined by the patient or family, includes Black / African American. This includes a person having origins in any of the black racial groups of Africa. Terms such as "Haitian" or "Negro" can be used in addition to "Black or African American."

Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting.
 (www.whitehouse.gov/omb/fedreg/1997standards.html)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Race Documented *Format:* Text (categorical values specified by STS)
ParentShortName: RaceDocumented *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

<i>Long Name:</i> Race - Asian	<i>SeqNo:</i> 220
<i>Short Name:</i> RaceAsian	<i>Core:</i> Yes
<i>Section Name:</i> Demographics	<i>Harvest:</i> Yes

DBTableName Demographics

Definition: Indicate whether the patient's race, as determined by the patient or family, includes Asian. This includes a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting.
 (www.whitehouse.gov/omb/fedreg/1997standards.html)

<i>LowValue:</i>	<i>UsualRangeLow:</i>	
<i>HighValue:</i>	<i>UsualRangeHigh:</i>	
<i>Parent Long Name:</i> Race Documented	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i> RaceDocumented	<i>DataLength:</i>	
<i>ParentValue:</i> = "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i> 1		

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Race - American Indian / Alaskan Native *SeqNo:* 230
Short Name: **RaceNativeAm** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate whether the patient's race, as determined by the patient or family, includes American Indian / Alaskan Native. This includes a person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting.
 (www.whitehouse.gov/omb/fedreg/1997standards.html)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Race Documented *Format:* Text (categorical values specified by STS)
ParentShortName: RaceDocumented *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Race - Native Hawaiian / Pacific Islander *SeqNo:* 240
Short Name: **RacNativePacific** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate whether the patient's race, as determined by the patient or family, includes Native Hawaiian / Pacific Islander. This includes a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting.
 (www.whitehouse.gov/omb/fedreg/1997standards.html)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Race Documented *Format:* Text (categorical values specified by STS)
ParentShortName: RaceDocumented *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Race Other *SeqNo:* 250
Short Name: **RaceOther** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate whether the patient's race, as determined by the patient or family, includes some other race or mixture of races not otherwise indicated.

Definition source: Standards for Maintaining, Collecting, and Presenting Federal Data on Race and Ethnicity : The minimum categories for data on race and ethnicity for Federal statistics, program administrative reporting, and civil rights compliance reporting.
 (www.whitehouse.gov/omb/fedreg/1997standards.html)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Race Documented *Format:* Text (categorical values specified by STS)
ParentShortName: RaceDocumented *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Race Unknown *SeqNo:* 260
Short Name: **RaceUnk** *Core:* No
Section Name: Demographics *Harvest:* No

DBTableName Demographics

Definition: Indicate whether the patient's race is unknown.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Hispanic Or Latino Ethnicity *SeqNo:* 270
Short Name: **Ethnicity** *Core:* Yes
Section Name: Demographics *Harvest:* Yes

DBTableName Demographics

Definition: Indicate if the patient is of Hispanic or Latino ethnicity as determined by the patient / family. Hispanic or Latino ethnicity includes patient report of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

3 Not documented

Long Name: Date of Last Follow-Up *SeqNo:* 271
Short Name: **LFUDate** *Core:* Yes
Section Name: Follow-Up *Harvest:* Yes

DBTableName Demographics

Definition: Indicate the date on which the last follow-up was made. If patient dies in the hospital, this value will be the same as the date of death. If no follow-up is made after patient is discharged, this value will be the same as the discharge date.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Date in mm/dd/yyyy format

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: Mortality Status At Last Follow-Up *SeqNo:* 272
Short Name: **LFUMortStat** *Core:* Yes
Section Name: Follow-Up *Harvest:* Yes

DBTableName Demographics

Definition: Indicate the mortality status of the patient at the time of the last follow-up. If no follow-up is made after patient is discharged, this value will be the same as the Mortality Status At Hospital Discharge.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Alive

2 Dead

Long Name: Mortality Date *SeqNo:* 273
Short Name: **MortDate** *Core:* Yes
Section Name: Follow-Up *Harvest:* Yes

DBTableName Demographics

Definition: Indicate the patient's date of death (even if after discharge).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Date in mm/dd/yyyy format

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: Admission Status *SeqNo:* 280
Short Name: **AdmissionStat** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the procedure was an Inpatient or Outpatient / Observation procedure.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 Inpatient
- 2 Outpatient / Observation

Long Name: Admission Date *SeqNo:* 290
Short Name: **AdmitDt** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate the date of admission. For those patients who originally enter the hospital in an out-patient capacity, the admit date is the date the patient's status changes to in-patient.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Admission Status *Format:* Date in mm/dd/yyyy format

ParentShortName: AdmissionStat *DataLength:*

ParentValue: = "Inpatient" *Data Source:* User

ParentHarvestCodes: 1

<i>Long Name:</i>	Payor - Government Health Insurance	<i>SeqNo:</i>	300
<i>Short Name:</i>	PayorGov	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether government insurance was used by the patient to pay for part or all of this admission. Government insurance refers to patients who are covered by government-reimbursed care. This includes Medicare, Medicaid, Military Health Care (e.g., TriCare), State-Specific Plan, and Indian Health Service.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>			
	Harvest Codes:		
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	
<i>Long Name:</i>	Payor - Government Health Insurance - Medicare	<i>SeqNo:</i>	310
<i>Short Name:</i>	PayorGovMcare	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicare.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGov	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
	Harvest Codes:		
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Medicare Fee For Service	<i>SeqNo:</i>	320
<i>Short Name:</i>	MedicareFFS	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the patient is a Medicare Fee For Service (FFS) patient.		
	Medicare FFS = Medicare Part B.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance - Medicare	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGovMcare	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
	Harvest Codes:		
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Medicare Health Insurance Claim Number	<i>SeqNo:</i>	331
<i>Short Name:</i>	MHICNumber	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate the Health Insurance Claim (HIC) number of the primary beneficiary. The HIC number consists of the Social Security number and an alpha-numeric identifier (usually one digit but may be two digits). It is the number found on a patient's Medicare card.		
	This field should be collected in compliance with state/local privacy laws.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance - Medicare	<i>Format:</i>	Text
<i>ParentShortName:</i>	PayorGovMcare	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		

<i>Long Name:</i>	Payor - Government Health Insurance - Medicaid	<i>SeqNo:</i>	340
<i>Short Name:</i>	PayorGovMcaid	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicaid		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGov	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Government Health Insurance - Military Health Care	<i>SeqNo:</i>	350
<i>Short Name:</i>	PayorGovMil	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the government insurance used by the patient to pay for part or all of this admission included Military Health Care.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGov	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Government Health Insurance - State-Specific Plan	<i>SeqNo:</i>	360
<i>Short Name:</i>	PayorGovState	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the government insurance used by the patient to pay for part or all of this admission included State-Specific Plan.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGov	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Government Health Insurance - Indian Health Service	<i>SeqNo:</i>	370
<i>Short Name:</i>	PayorGovIHS	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the government insurance used by the patient to pay for part or all of this admission included Indian Health Service.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Payor - Government Health Insurance	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	PayorGov	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>	1		
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Commercial Health Insurance	<i>SeqNo:</i>	380
<i>Short Name:</i>	PayorCom	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether commercial insurance was used by the patient to pay for part or all of this admission. Commercial insurance refers to all indemnity (fee-for-service) carriers and Preferred Provider Organizations (PPOs), (e.g., Blue Cross and Blue Shield).		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>			
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Health Maintenance Organization	<i>SeqNo:</i>	390
<i>Short Name:</i>	PayorHMO	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether a Health Maintenance Organization (HMO) insurance was used by the patient to pay for part or all of this admission. HMO refers to a Health Maintenance Organization characterized by coverage that provides health care services for members on a pre-paid basis.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>			
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - Non-U.S. Insurance	<i>SeqNo:</i>	400
<i>Short Name:</i>	PayorNonUS	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether any non-U.S. insurance was used by the patient to pay for part or all of this admission.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>			
	Harvest Codes:		
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Payor - None / Self	<i>SeqNo:</i>	410
<i>Short Name:</i>	PayorNS	<i>Core:</i>	No
<i>Section Name:</i>	Admission	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether no insurance was used by the patient to pay for this admission. None refers to individuals with no or limited health insurance; thus, the individual is the payor regardless of ability to pay. Only mark "None" when "self" or "none" is denoted as the first insurance in the medical record.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	User
<i>ParentHarvestCodes:</i>			
	Harvest Codes:		
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i> Primary Payor	<i>SeqNo:</i> 411
<i>Short Name:</i> PayorPrim	<i>Core:</i> Yes
<i>Section Name:</i> Admission	<i>Harvest:</i> Yes

DBTableName Operations

Definition: Indicate the primary insurance payor for this admission.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 None / self
- 2 Medicare
- 3 Medicaid
- 4 Military Health
- 5 Indian Health Service
- 6 Correctional Facility
- 7 State Specific Plan
- 8 Other Government Insurance
- 9 Commercial Health Insurance
- 10 Health Maintenance Organization
- 11 Non-U.S. Plan

Long Name: Primary Payor Medicare Fee For Service *SeqNo:* 412
Short Name: **PrimMCareFFS** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient is covered by Medicare Fee For Service (Part B).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Primary Payor *Format:* Text (categorical values specified by STS)

ParentShortName: PayorPrim *DataLength:*

ParentValue: = "Medicare" *Data Source:* User

ParentHarvestCodes: 2

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Secondary (Supplemental) Payor *SeqNo:* 413
Short Name: **PayorSecond** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate which if any secondary insurance payor was used for this admission.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Primary Payor *Format:* Text (categorical values specified by STS)

ParentShortName: PayorPrim *DataLength:*

ParentValue: Is Not "None / self" And Is Not Missing *Data Source:* User

ParentHarvestCodes: <>1 And Is Not Missing

Harvest Codes:

Code: Value:

1 None / self

2 Medicare

3 Medicaid

4 Military Health

5 Indian Health Service

6 Correctional Facility

7 State Specific Plan

8 Other Government Insurance

- 9 Commercial Health Insurance
- 10 Health Maintenance Organization
- 11 Non-U.S. Plan

Long Name: Secondary Payor Medicare Fee For Service *SeqNo:* 414
Short Name: **SecondMCareFFS** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient is covered by Medicare Fee For Service (Part B).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Secondary (Supplemental) Payor *Format:* Text (categorical values specified by STS)

ParentShortName: PayorSecond *DataLength:*

ParentValue: = "Medicare" *Data Source:* User

ParentHarvestCodes: 2

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Surgeon's Name *SeqNo:* 420
Short Name: **Surgeon** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate the name of the surgeon responsible for the patient's care.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by user)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: Surgeon's National Provider Identifier *SeqNo:* 430
Short Name: **SurgNPI** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate the individual-level National Provider Identifier of the surgeon performing the procedure. For Non-US surgeons a unique identifier will be assigned by STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by User)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Taxpayer Identification Number *SeqNo:* 440
Short Name: **TIN** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

Definition: Indicate the Taxpayer Identification Number for the Taxpayer holder of record for the Surgeon's National Provider Identifier that performed the procedure. This may be an individual TIN or a group TIN depending on billing. This information is vital for PQRS reporting. This field will be blank for Non-US participants

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by User)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Lookup
ParentHarvestCodes:

Long Name: Hospital Name *SeqNo:* 450
Short Name: **HospName** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by user)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Hospital Postal Code *SeqNo:* 460
Short Name: **HospZIP** *Core:* Yes
Section Name: Admission *Harvest:* Yes

DBTableName Operations

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

Software should allow sites to collect up to 10 characters to allow for Zip+4 values.

This field should be collected in compliance with state/local privacy laws.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Automatic or User
ParentHarvestCodes:

Long Name: Hospital Region *SeqNo:* 470
Short Name: **HospStat** *Core:* Yes
Section Name: Admission *Harvest:* Yes
DBTableName Operations
Definition: Indicate the region of the country (i.e., state or province) in which the hospital is located.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Lookup
ParentHarvestCodes:

Long Name: Hospital National Provider Identifier *SeqNo:* 480
Short Name: **HospNPI** *Core:* Yes
Section Name: Admission *Harvest:* Yes
DBTableName Operations
Definition: Indicate the hospital's National Provider Identifier (NPI). This number, assigned by the Center for Medicare and Medicaid Services (CMS), is used to uniquely identify facilities for Medicare billing purposes.
 Non-US participants will have a unique hospital ID number assigned by STS.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by User)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* Lookup
ParentHarvestCodes:

Long Name: Height In Centimeters *SeqNo:* 490
Short Name: **HeightCm** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate the height of the patient in centimeters.
LowValue: 10.0 *UsualRangeLow:*
HighValue: 250.0 *UsualRangeHigh:*
Parent Long Name: *Format:* Real
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Weight In Kilograms *SeqNo:* 500
Short Name: **WeightKg** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate the weight of the patient in kilograms.
LowValue: 1.0 *UsualRangeLow:*
HighValue: 300.0 *UsualRangeHigh:*
Parent Long Name: *Format:* Real
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Weight Loss In Past Three Months *SeqNo:* 510
Short Name: **WtLoss3Kg** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate by the number of kilograms lost in the last three months. Enter "0" if there was no weight loss.
LowValue: 0.0 *UsualRangeLow:*
HighValue: 250.0 *UsualRangeHigh:*
Parent Long Name: *Format:* Real
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Hypertension *SeqNo:* 520
Short Name: **Hypertn** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate if the patient has a current diagnosis of hypertension defined by any 1 of the following:
 - History of hypertension diagnosed and treated with medication, diet, and/or exercise
 - Prior documentation of blood pressure >140 mm Hg systolic and/or 90 mm Hg diastolic for patients without diabetes or chronic kidney disease, or prior documentation of blood pressure >130 mm Hg systolic or 80 mm Hg diastolic on at least 2 occasions for patients with diabetes or chronic kidney disease
 - Currently undergoing pharmacological therapy for treatment of hypertension
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LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Steroids *SeqNo:* 530
Short Name: **Steroid** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was taking oral or IV steroids within 24 hours of surgery. This does not include a one-time dose related to prophylaxis therapy (i.e., IV dye exposure for cath procedure or surgery pre-induction), or non-systemic medications (i.e., nasal sprays, inhalers, topical creams).

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Congestive Heart Failure *SeqNo:* 540
Short Name: **CHF** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate if there is physician documentation or report that the patient has been in a state of heart failure within the past 2 weeks.
 Heart failure is defined as physician documentation or report of any of the following clinical symptoms of heart failure described as unusual dyspnea on light exertion, recurrent dyspnea occurring in the supine position, fluid retention; or the description of rales, jugular venous distension, pulmonary edema on physical exam, or pulmonary edema on chest x-ray presumed to be cardiac dysfunction.
 A low ejection fraction alone, without clinical evidence of heart failure does not qualify as heart failure.
 An elevated BNP without other supporting documentation should not be coded as CHF.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes

2 No

Long Name: Coronary Artery Disease *SeqNo:* 550
Short Name: **CAD** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has a history of coronary artery disease (CAD) as evidenced 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

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Peripheral Vascular Disease *SeqNo:* 560
Short Name: **PVD** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has Peripheral Arterial Vascular Disease, as indicated by:
 - claudication either with exertion or rest;
 - amputation for arterial insufficiency;
 - aorto-iliac occlusive disease reconstruction;
 - peripheral vascular bypass surgery, angioplasty, or stent;
 - documented AAA, AAA repair, or stent;
 - non-invasive/invasive carotid test with greater than 79% occlusion;
 - previous carotid artery surgery/intervention for carotid artery stenosis.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Prior Cardiothoracic Surgery *SeqNo:* 570
Short Name: **PriorCTS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has undergone any prior cardiac and/or general thoracic 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.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes

2 No

Long Name: Preoperative Chemo - Current Malignancy *SeqNo:* 580
Short Name: **PreopChemoCur** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient received preoperative chemotherapy for the current thoracic malignancy. Do not report treatment for prior cancers.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Preoperative Chemo - Current Malignancy - When *SeqNo:* 590
Short Name: **PreopChemoCurWhen** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate when the patient received preoperative chemotherapy for the current thoracic malignancy.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*

Parent Long Name: Preoperative Chemo - Current Malignancy *Format:* Text (categorical values specified by STS)

ParentShortName: PreopChemoCur *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	<= 6 Months
2	> 6 Months

Long Name: Preoperative Thoracic Radiation Therapy *SeqNo:* 600
Short Name: **PreopXRT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient has received preoperative radiation therapy to the chest for any reason prior to this operation. May be included as a component of a chemotherapy radiation induction therapy. This item should also be selected if the radiation oncologist gave the patient radiation therapy prior to sending the patient for any surgical evaluation, if the intent of the radiation oncologist was to "shrink the tumor" prior to surgical intervention.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: Preoperative Thoracic Radiation Therapy - Disease And When Treated *SeqNo:* 610
Short Name: **PreopXRTDisWhen** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate when the patient received preoperative thoracic radiation therapy and for what disease.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Preoperative Thoracic Radiation Therapy *Format:* Text (categorical values specified by STS)
ParentShortName: PreopXRT *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|--------------------------------|
| 1 | Same disease, <= 6 months |
| 2 | Same disease, > 6 months |
| 3 | Unrelated disease, <= 6 months |
| 4 | Unrelated disease, > 6 months |

Long Name: Cerebrovascular History *SeqNo:* 620
Short Name: **CerebroHx** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient has a history of cerebrovascular disease, documented by any one of the following:

- Cerebrovascular Accident (CVA): Patient has a history of stroke, i.e., loss of neurological function with residual symptoms at least 24 hours after onset, presumed to be from vascular etiology.
- Transient Ischemic Attack (TIA): Patient has a history of loss of neurological function that was abrupt in onset but with complete return of function within 24 hours, presumed to be due to vascular etiology
- Non-invasive/invasive carotid test with greater than 79% occlusion.
- Previous carotid artery surgery/ intervention for carotid artery stenosis.

This does not include neurological disease processes such as metabolic and/or anoxic ischemic encephalopathy.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	No CVD history
2	Transient Ischemic Attack - TIA
3	Cerebrovascular Accident - CVA

<i>Long Name:</i>	Pulmonary Hypertension	<i>SeqNo:</i>	630
<i>Short Name:</i>	PulmHypertn	<i>Core:</i>	Yes
<i>Section Name:</i>	Pre-Operative Evaluation	<i>Harvest:</i>	Yes

DBTableName Operations

Definition: Indicate whether there is physician documentation of Pulmonary Hypertension as documented by:
 - Right heart catheterization: mean pulmonary arterial pressure (PAP) > 25 mmHg at rest
 or
 - Echocardiographic diagnosis: PA systolic pressure >50 mmHg

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- | | |
|---|---------------------------------|
| 1 | Yes |
| 2 | No |
| 3 | Not applicable (not documented) |
-

<i>Long Name:</i>	Diabetes	<i>SeqNo:</i>	640
<i>Short Name:</i>	Diabetes	<i>Core:</i>	Yes
<i>Section Name:</i>	Pre-Operative Evaluation	<i>Harvest:</i>	Yes

DBTableName Operations

Definition: History of diabetes diagnosed and/or treated by a healthcare provider. The American Diabetes Association criteria include documentation of the following:

1. Hemoglobin A1c $\geq 6.5\%$; or
2. Fasting plasma glucose ≥ 126 mg/dL (7.0 mmol/L); or
3. 2-h Plasma glucose ≥ 200 mg/dL (11.1 mmol/L) during an oral glucose tolerance test; or
4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose ≥ 200 mg/dL (11.1 mmol/L)

This does not include gestational diabetes.
 2013 ACCF/AHA Data Standards
 Cannon et al. JACC Vol. 61, No. 9, 2013

<i>LowValue:</i>	<i>UsualRangeLow:</i>	<i>Format:</i>	Text (categorical values specified by STS)
<i>HighValue:</i>	<i>UsualRangeHigh:</i>	<i>DataLength:</i>	
<i>Parent Long Name:</i>		<i>Data Source:</i>	User
<i>ParentShortName:</i>			
<i>ParentValue:</i>			
<i>ParentHarvestCodes:</i>			

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Diabetes Therapy *SeqNo:* 650
Short Name: **DiabCtrl** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the diabetes therapy method. Patients placed on a preoperative diabetic pathway of insulin drip, then 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 or other non-insulin treatment only
 - Insulin = Insulin treatment (includes any combination with insulin)

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Diabetes *Format:* Text (categorical values specified by STS)
ParentShortName: Diabetes *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	None	No treatment for diabetes.
2	Diet only	Treatment with diet only
8	Oral	Treatment with oral agent (includes oral agent with or without diet treatment)
4	Insulin	Insulin treatment (includes any combination with insulin)
6	Other subcutaneous medication	Other subcutaneous medications (such as GLP-1 agonists; Byetta,Bydureon,Victoza,Symlin)
5	Other	Other adjunctive treatment, non-oral/insulin/diet
7	Unknown	

Long Name: Currently On Dialysis *SeqNo:* 660
Short Name: **Dialysis** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient is currently undergoing dialysis. This includes hemodialysis, peritoneal dialysis or CRRT. Does not include ultrafiltration.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Creatinine Level Measured *SeqNo:* 670
Short Name: **CreatMeasured** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the creatinine level was measured within one month prior to the surgical procedure and prior to anesthetic management (induction area or operating room).

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Last Creatinine Level *SeqNo:* 680
Short Name: **CreatLst** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate the creatinine level closest to the date and time prior surgery.
LowValue: 0.1 *UsualRangeLow:* 0.1
HighValue: 30.0 *UsualRangeHigh:* 9.0
Parent Long Name: Creatinine Level Measured *Format:* Real
ParentShortName: CreatMeasured *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: Hemoglobin Level Measured *SeqNo:* 690
Short Name: **HemoglobinMeasured** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate whether the patient's hemoglobin level was measured within one month prior to this surgical procedure.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Last Hemoglobin Level *SeqNo:* 700
Short Name: **HemoglobinLst** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate the hemoglobin level closest to the date and time prior to surgery and prior to anesthetic management (induction area or operating room).
LowValue: 3.00 *UsualRangeLow:* 8.00
HighValue: 50.00 *UsualRangeHigh:* 16.00
Parent Long Name: Hemoglobin Level Measured *Format:* Real
ParentShortName: HemoglobinMeasured *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: COPD *SeqNo:* 710
Short Name: **COPD** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate whether the patient has a history of chronic obstructive pulmonary disease (COPD) as evidenced by previous diagnosis, treatment, and/or spirometric evidence.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Interstitial Fibrosis *SeqNo:* 720
Short Name: **InterstitialFib** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has a diagnosis of interstitial fibrosis based on clinical and radiological or pathological evidences.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Cigarette Smoking *SeqNo:* 730
Short Name: **CigSmoking** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the patient's history of smoking cigarettes.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Never smoked

2 Past smoker (stopped more than 1 month prior to operation)

3 Current smoker

4 Unknown

Long Name: Pack Years Known or can be estimated *SeqNo:* 740
Short Name: **PackYearKnown** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the number of pack years is known or can be estimated.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Cigarette Smoking *Format:* Text (categorical values specified by STS)

ParentShortName: CigSmoking *DataLength:*

ParentValue: = "Past smoker (stopped more than 1 month prior to operation)" or "Current smoker" *Data Source:* User

ParentHarvestCodes: 2|3

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Pack-Years Of Cigarette Use *SeqNo:* 750
Short Name: **PackYear** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

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

LowValue: 1 *UsualRangeLow:*

HighValue: 210 *UsualRangeHigh:*

Parent Long Name: Pack Years Known or can be estimated *Format:* Integer

ParentShortName: PackYearKnown *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Long Name: Pulmonary Function Tests Performed *SeqNo:* 760
Short Name: **PFT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

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

PFTs are part of the NQF measure set and are required before any major anatomic lung resection, unless valid exclusion criteria are met.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: PFT Not Performed Reason *SeqNo:* 770
Short Name: **PFTNotPerReas** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the reason why pulmonary function testing was not done.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Pulmonary Function Tests Performed *Format:* Text (categorical values specified by STS)
ParentShortName: PFT *DataLength:*
ParentValue: = "No" *Data Source:* User
ParentHarvestCodes: 2

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|-------------------------------|
| 1 | Not Major Lung Resection |
| 2 | Never smoked, no lung disease |
| 3 | Patient unable to perform |
| 4 | Tracheostomy or ventilator |

dependent

5 Urgent or emergent status

Long Name: Forced Expiratory Volume Test Performed *SeqNo:* 780
Short Name: **FEV** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a Forced Expiratory Volume at 1 second (FEV1) test was performed. FEV1 test should be performed for a major lung resection (e.g., wedge resection, segmentectomy, lobectomy, sleeve lobectomy, bilobectomy, or pneumonectomy). Select "Not applicable" ONLY if none of these procedures was performed.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Pulmonary Function Tests Performed *Format:* Text (categorical values specified by STS)

ParentShortName: PFT *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

3 Not applicable

Long Name: FEV1 Predicted *SeqNo:* 790
Short Name: **FEVPred** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the % predicted FEV1 obtained for the patient.

LowValue: 10 *UsualRangeLow:*

HighValue: 200 *UsualRangeHigh:*

Parent Long Name: Forced Expiratory Volume Test Performed *Format:* Integer

ParentShortName: FEV *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Long Name: DLCO Test Performed *SeqNo:* 800
Short Name: **DLCO** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a lung diffusion test (DLCO) was performed. DLCO test should be collected for a major lung resection (e.g., wedge resection, segmentectomy, lobectomy, sleeve lobectomy, bilobectomy, or pneumonectomy). Select "Not applicable" ONLY if none of these procedures was collected.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Pulmonary Function Tests Performed *Format:* Text (categorical values specified by STS)
ParentShortName: PFT *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No
3	Not applicable

Long Name: DLCO Predicted *SeqNo:* 810
Short Name: **DLCOPred** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the % predicted DLCO value obtained for the patient.

LowValue: 10 *UsualRangeLow:*
HighValue: 200 *UsualRangeHigh:*
Parent Long Name: DLCO Test Performed *Format:* Integer
ParentShortName: DLCO *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

<i>Long Name:</i> Zubrod Score	<i>SeqNo:</i> 820
<i>Short Name:</i> Zubrod	<i>Core:</i> Yes
<i>Section Name:</i> Pre-Operative Evaluation	<i>Harvest:</i> Yes

DBTableName Operations

Definition: The Zubrod performance scale should be marked to indicate the level of the patient's performance measured within two weeks of the surgery date. The Zubrod performance scale is a measure of the patients function. Select the one description that best fits the patient.

<i>LowValue:</i>	<i>UsualRangeLow:</i>	
<i>HighValue:</i>	<i>UsualRangeHigh:</i>	
<i>Parent Long Name:</i>	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	<i>DataLength:</i>	
<i>ParentValue:</i>	<i>Data Source:</i>	Automatic or User
<i>ParentHarvestCodes:</i>		

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|--|
| 0 | Normal activity, no symptoms |
| 1 | Symptoms, fully ambulatory |
| 2 | Symptoms, in bed <= 50% of time |
| 3 | Symptoms, in bed >50% but less than 100% of time |
| 4 | Bedridden |
| 5 | Moribund |

Long Name: Lung Cancer *SeqNo:* 830
Short Name: **LungCancer** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a major lung resection was performed for lung cancer (e.g. wedge, segment, lobe, pneumonectomy), open or VATS.

If yes complete clinical and pathological staging.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Performed For Lung Cancer *SeqNo:* 840
Short Name: **ClinStagDoneLung** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether clinical staging was performed on this patient related to this procedure.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: LungCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Preoperative Postive Tissue Diagnosis Obtained *SeqNo:* 841
Short Name: **PreopPosTisOb** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a positive tissue diagnosis was obtained prior to this operation.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Bronchoscopy *SeqNo:* 850
Short Name: **ClinStagLungBronc** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was bronchoscopy used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - EBUS *SeqNo:* 860
Short Name: **ClinStagLungEBUS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Endobronchial Ultrasound used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - EUS *SeqNo:* 870
Short Name: **ClinStagLungEUS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Endoscopic Ultrasound used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Mediastinoscopy/Chamberlain *SeqNo:* 880
Short Name: **ClinStagLungMedia** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Mediastinoscopy or Chamberlain procedure used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - PET or PET/CT *SeqNo:* 890
Short Name: **ClinStagLungPET** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was PET scan or PET/CT used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Laparoscopy *SeqNo:* 920
Short Name: **ClinStagLungLap** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was a laparoscopy used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Brain MRI *SeqNo:* 921
Short Name: **ClinStagLungBMRI** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was a brain MRI used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Brain CT Scan *SeqNo:* 922
Short Name: **ClinStagLungBrainCT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was a brain CT scan used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung - Needle Biopsy *SeqNo:* 923
Short Name: **ClinStagLungNeedle** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was a needle biopsy done for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Lung-Other *SeqNo:* 929
Short Name: **ClinStagLungOth** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate if method/technology other than those listed was used for clinical staging.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No

Long Name: Lung CA Tumor size - T *SeqNo:* 930
Short Name: **ClinStageLungT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Choose the largest tumor size from list. If more than one tumor is present, choose the largest.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

Code: Value:

Definition:

- 1 Tumor <= 2cm
- 2 Tumor >2cm, <= 3cm
- 3 Tumor > 3cm, <= 5 cm
- 4 Tumor > 5 cm, <=7 cm
- 5 Tumor > 7 cm
- 6 Unknown Tx - primary tumor cannot be assessed.

Long Name: Lung Cancer- Invasion of Adjacent Structures *SeqNo:* 940
Short Name: **LCInvAdjStr** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate that the tumor invades adjacent structure(s)?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneLung *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Pleura *SeqNo:* 950
Short Name: **ClinStageLungTInvPl** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate tumor invasion of the pleura?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Chest Wall *SeqNo:* 960
Short Name: **ClinStageLungTInvC** *Core:* Yes
W
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate tumor invasion of the chest wall?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Invasive Diaphragm *SeqNo:* 970
Short Name: **ClinStageLungTInvDi** *Core:* Yes
a
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate tumor invasion of the diaphragm?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Invasive Phrenic Nerve *SeqNo:* 980
Short Name: **ClinStageLungTInvPN** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate tumor invasion of the phrenic nerve?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Pericardium *SeqNo:* 990
Short Name: **ClinStageLungTInvPer** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate tumor invasion of the pericardium?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Main Bronchus *SeqNo:* 1000
Short Name: **ClinStageLungTInvM** *Core:* Yes
B
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate tumor invasion of the main bronchus?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Obstructive *SeqNo:* 1010
Short Name: **ClinStageLungTInvOb** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate that the tumor is associated with atelectasis or obstructive pneumonitis of the entire lung?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Invasive Nodule(s) *SeqNo:* 1020
Short Name: **ClinStageLungTInvNo** *Core:* Yes
d
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate separate tumor nodule(s) in the same lobe?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Invasive Mediastinum *SeqNo:* 1030
Short Name: **ClinStageLungTInvM** *Core:* Yes
ed
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Does imaging indicate lung tumor invasion in mediastinum?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Lung Cancer- Invasion of *Format:* Text (categorical values specified by STS)
Adjacent Structures
ParentShortName: LCInvAdjStr *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Lung Tumor Invasive Heart *SeqNo:* 1040
Short Name: **ClinStageLungTInvHt** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into heart?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasion Great Vessels *SeqNo:* 1050
Short Name: **ClinStageLungTInvGr
 Ves** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into the great vessels?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasion Trachea *SeqNo:* 1060
Short Name: **ClinStageLungTInvTr** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into the trachea?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Recurrent Laryngeal Nerve *SeqNo:* 1070
Short Name: **ClinStageLungTInvRLN** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into the recurrent laryngeal nerve?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Esophagus *SeqNo:* 1080
Short Name: **ClinStageLungTInvEo** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into the esophagus?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Vertebral Body *SeqNo:* 1090
Short Name: **ClinStageLungTInvVB** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into a vertebral body?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Carina *SeqNo:* 1100
Short Name: **ClinStageLungTInvC** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor invasion into the carina?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Lung Tumor Invasive Nodule(s) Diff Lobe *SeqNo:* 1110
Short Name: **ClinStageLungTInvN
DL** *Core:* Yes

Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Does imaging indicate lung tumor nodule(s) in a different ipsilateral lobe?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer- Invasion of Adjacent Structures *Format:* Text (categorical values specified by STS)

ParentShortName: LCInvAdjStr *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Lung Cancer Nodes - N *SeqNo:* 1120
Short Name: **ClinStageLungN** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer nodal metastases. All nodes > 1cm on CT or PET/CT are considered positive. All PET positive nodes are considered positive. Results of previous invasive staging (EBUS, Mediastinoscopy) should be included here.

Clinical staging is based on the PRE-TREATMENT ESTIMATED staging workup which may include CT scan, PET scan, endoscopic ultrasound, etc.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed For Lung Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: ClinStagDoneLung *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	N0	No regional lymph node metastasis
2	N1	Metastasis in ipsilateral peribronchial or hilar and intrapulmonary nodes. Includes direct extension
3	N2	Metastasis in ipsilateral mediastinal and/or subcarinal lymph nodes
4	N3	Metastasis in contralateral mediastinal or contralateral hilar nodes, ipsilateral or contralateral scalene or supraclavicular nodes

Long Name: Lung Cancer Metastasis - M *SeqNo:* 1130
Short Name: **ClinStageLungM** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer distant metastases.

Clinical staging is based on the PRE- TREATMENT ESTIMATED staging workup which may include CT scan, PET scan, endoscopic ultrasound, etc.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed *Format:* Text (categorical values specified by STS)
 For Lung Cancer
ParentShortName: ClinStagDoneLung *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	M0	No distant metastasis
4	M1	Distant Metastasis

Long Name: Esophageal Cancer *SeqNo:* 1140
Short Name: **EsophCancer** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether an esophagectomy was performed for esophageal cancer.

If yes complete clinical and pathological staging.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Clinical Staging Performed For Esophageal Cancer *SeqNo:* 1150
Short Name: **ClinStagDoneEsoph** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether clinical staging was performed on this patient related to this procedure.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: EsophCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - Bronchoscopy *SeqNo:* 1160
Short Name: **ClinStagEsophBronc** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was bronchoscopy used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - EBUS *SeqNo:* 1170
Short Name: **ClinStagEsophEBUS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Endobronchial Ultrasound used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - EUS *SeqNo:* 1180
Short Name: **ClinStagEsophEUS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Endoscopic Ultrasound used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - Mediastinoscopy/Chamberlain *SeqNo:* 1190
Short Name: **ClinStagEsophMedia** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was Mediastinoscopy or Chamberlain procedure used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - PET or PET/CT *SeqNo:* 1200
Short Name: **ClinStagEsophPET** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was PET scan or PET/CT used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - CT *SeqNo:* 1210
Short Name: **ClinStagEsophCT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was CT scan used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - VATS *SeqNo:* 1220
Short Name: **ClinStagEsophVATS** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was a Video Assisted Thoracoscopic procedure used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - EGD *SeqNo:* 1230
Short Name: **ClinStagEsophEGD** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Was Esophagogastroduodenoscopy used for clinical staging?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed *Format:* Text (categorical values specified by STS)
For Esophageal Cancer
ParentShortName: ClinStagDoneEsoph *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |

Long Name: Clinical Staging Method - Esophageal - Laparoscopy *SeqNo:* 1240
Short Name: **ClinStagEsophLap** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Was a laparoscopy used for clinical staging?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed *Format:* Text (categorical values specified by STS)
For Esophageal Cancer
ParentShortName: ClinStagDoneEsoph *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- | | |
|---|-----|
| 1 | Yes |
| 2 | No |
-

Long Name: Clinical Staging Method - Esophageal - Endoscopic Mucosal Resection *SeqNo:* 1241
Short Name: **ClinStagEsophEMR** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Was an endoscopic mucosal resection used for clinical staging?

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clinical Staging Method - Esophageal - Other *SeqNo:* 1245
Short Name: **ClinStagEsophOth** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate if method/technology other than those listed was used for clinical staging.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Esophageal Cancer Tumor - T *SeqNo:* 1250
Short Name: **ClinStageEsophT** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Record T status based on EUS report. If EUS not done, estimate T based on CT or PET/CT. No esophageal thickening = T1. If esophageal thickening is present, use T2. If CT or PET/CT indicated invasion of adjacent structures, use T4.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	T0	No evidence of primary tumor
2	Tis	High grade dysplasia
9	T1	Tumor invades lamina propria, mucosa or submucosa
5	T2	Tumor invades muscularis propria
6	T3	Tumor invades adventitia
10	T4	Tumor invades adjacent structures

Long Name: Clinical Diagnosis of Nodal Involvement *SeqNo:* 1251
Short Name: **ClinStageEsophNode** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether there was a clinical diagnosis of N1, N2 or N3 nodal involvement.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: ClinStagDoneEsoph *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Esophageal Cancer Nodes - N *SeqNo:* 1260
Short Name: **ClinStageEsophN** *Core:* No
Section Name: Pre-Operative Evaluation *Harvest:* No
DBTableName Operations
Definition: Indicate nodal involvement. All paraesophageal and/or mediastinal nodes >1cm on CT or PET/CT are considered positive. All PET positive nodes are considered positive regardless of size. If EUS done, all suspicious nodes >1 cm are considered positive. Any positive biopsied node is counted as positive.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: ClinStagDoneEsoph *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	N0	No regional lymph node metastasis
6	N1	One or more lymph nodes involved
7	NX	Regional lymph nodes cannot be assessed

Long Name: Esophageal Cancer Metastasis - M *SeqNo:* 1270
Short Name: **ClinStageEsophM** *Core:* Yes
Section Name: Pre-Operative Evaluation *Harvest:* Yes
DBTableName Operations
Definition: Indicate the appropriate descriptor for the esophageal cancer distant metastasis.

Clinical staging is based on the PRE-TREATMENT ESTIMATED staging workup which may include CT scan, PET scan, endoscopic ultrasound, etc.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Clinical Staging Performed For Esophageal Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: ClinStagDoneEsoph *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	M0	No Distant Metastasis

2 M1

Distant Metastasis

Long Name: Category Of Disease - Primary *SeqNo:* 1300
Short Name: **CategoryPrim** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations

Definition: Indicate the PRIMARY diagnosis (category of disease) for which the procedure was performed.

For the majority of cases, there will be only one condition treated (i.e., lung cancer treated by lobectomy and lymph node dissection). Rarely, there will be cases where two unrelated conditions are treated at one time (i.e., a thymoma and a lung cancer). In these rare cases, indicate the primary or most important diagnosis in this "Category of Disease - Primary" field, followed by the secondary or lesser diagnosis treated in the "Category of Disease - Secondary". For example, in the case of lung cancer with incidental thymoma, the primary category of disease = lung cancer, and the secondary category of disease = thymoma.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1300	Dysphagia, unspecified (787.2, R13.10)
10	Tracheomalacia-congenital (748.3, Q32.0)
20	Tracheomalacia-acquired (519.1, J39.8)
30	Tracheostenosis-congenital (748.3, Q32.1)
40	Tracheostenosis-acquired (post intubation) (519.1, J39.8)
50	Tracheostomy-hemorrhage (519.09, J95.01)
60	Tracheostomy related stenosis (519.02, J95.03)
70	Tracheal tumor, malignant (162.0, C33)
80	Tracheal tumor, benign (212.2, D14.2)
90	Tracheal tumor, metastatic

- (197.3, C78.30)
- 100 Subglottic stenosis-congenital (748.3, Q31.1)
 - 110 Subglottic stenosis-acquired (post intubation) (478.74, J38.6)
 - 120 Vocal cord paralysis unspecified (478.3, J38.00)
 - 1040 Vocal cord paralysis , unilateral (478.31, J38.01)
 - 1050 Vocal cord paralysis, bilateral (478.33, J38.02)
 - 1060 Acute respiratory failure (518.81, J96.00)
 - 1310 Aspergillosis (117.3, B44.9)
 - 220 Bronchiectasis (494.0, J47.9)
 - 1320 Carcinoid tumor of bronchus and lung; benign, typical (209.61., D34.090)
 - 1330 Carcinoid tumor of the bronchus and lung; malignant, atypical (209.21, C7A.090)
 - 1340 Cystic fibrosis with pulmonary manifestations (277.02, E84.0)
 - 250 Emphysema (492.8, J43.8)
 - 260 Emphysematous bleb (492.0, J43.9)
 - 230 Empyema with fistula (510.0, J86.0)
 - 240 Empyema without fistula (510.9, J86.9)
 - 1080 Gangrene and necrosis of lung (513.0, J85.0)
 - 300 Hemothorax (511.8, J94.2)
 - 270 Interstitial lung disease/fibrosis (516.3, J84.1)
 - 200 Lung abscess (513.0, J85.2)
 - 150 Lung cancer, main bronchus, carina (162.2, C34.00)
 - 160 Lung cancer, upper lobe (162.3, C34.10)
 - 170 Lung cancer, middle lobe

- (162.4, C34.2)
- 180 Lung cancer, lower lobe
(162.5, C34.30)
- 190 Lung cancer, location
unspecified (162.9, C34.90)
- 310 Solitary pulmonary nodule
(not a tumor, e.g., granuloma,
subpleural lymph node,
pulmonary infarct) (793.11,
R91.1)
- 140 Lung tumor, benign (212.3,
D14.30)
- 130 Lung tumor, metastatic
(197.0, C78.00)
- 1350 Malignant neoplasm other
parts of bronchus or lung
(162.8, C34.8)
- 1360 Neoplasm of uncertain
behavior of trachea, bronchus
and lung (235.7, DM38.1)
- 1370 Personal history of malignant
neoplasm of bronchus and
lung (V10.11, Z85.118)
- 280 Pneumonia (486.0, J18.9)
- 210 Pneumothorax (512.8, J93.1)
- 1380 Post inflammatory pulmonary
fibrosis (515, J84.89)
- 1390 Primary Pulmonary
Hypertension (416.0, I27.0)
- 290 Pulmonary insufficiency
following surgery/trauma
(ARDS) (518.5, J95.82)
- 1070 Pulmonary sequestration
(748.5, Q33.2)
- 1400 Transplanted lung
complication(s) (996.84,
T86.8XX)
- 350 Anterior mediastinal tumor
primary(germ cell cancer,
seminoma) (164.2, C38.1)
- 370 Anterior mediastinal tumor-
benign-(e.g., teratoma)
(212.5, D15.2)
- 360 Anterior mediastinal tumor-
metastatic (197.1, C78.1)
- 380 Anterior mediastinal tumor-

- thymus tumor (thymoma, thymic carcinoma) (164.0, C37)
- 1410 Benign neoplasm of thymus (212.6, D15.0)
- 390 Lymphoma, intrathoracic (202.82, C85.92)
- 1090 Mediastinal abscess (513.1, J85.3)
- 440 Mediastinal cyst, Bronchogenic (519.3, J98.5)
- 450 Mediastinal cyst, Foregut duplication (519.3, J98.5)
- 460 Mediastinal cyst, Pericardial (519.3, J98.5)
- 470 Mediastinal cyst, Thymic (519.3, J98.5)
- 340 Mediastinal nodes, benign (229.0, D36.0)
- 330 Mediastinal nodes, metastatic (196.1, C77.1)
- 320 Mediastinitis (519.2, J98.5)
- 430 Myasthenia gravis (358.0, G70.00)
- 1420 Neoplasm of uncertain behavior of pleura, thymus, mediastinum (235.8, D38.2-D38.4)
- 400 Posterior mediastinal malignant tumor- primary (164.3, C38.2)
- 420 Posterior mediastinal tumor-benign(neurogenic)(212.5,D15.2)
- 410 Posterior mediastinal tumor-metastatic (197.1, C78.1)
- 1430 Unspecified disease of thymus gland (254.9, E32.9)
- 830 Goiter, nodular (241.9, E04.9)
- 850 Thyroid neoplasm, benign (226.0, D34)
- 840 Thyroid neoplasm, malignant (193.0, C73)
- 490 Pleural effusion, infected- (empyema) (511.1, J86.9)

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- 500 Pleural effusion, malignant
(197.2, C78.2)
 - 480 Pleural effusion sterile
(511.9, J90)
 - 1440 Pleural effusion, other
specified, except TB (511.89,
J90)
 - 540 Pleural thickening (511.0,
J94.9)
 - 530 Pleural tumor, benign (212.4,
D19.0)
 - 520 Pleural tumor, metastatic
(197.2, C78.2)
 - 1450 Malignant neoplasm other
specified sites of pleura
(163.8, C38.4)
 - 510 Malignant tumor of pleura,
unspecified (e.g.,
mesothelioma) (163.9, C38.4)
 - 560 Pectus carinatum (754.82,
Q67.7)
 - 550 Pectus excavatum (754.81,
Q67.6)
 - 620 Rib tumor, benign-(e.g.,
fibrous dysplasia) (213.3,
D16.7)
 - 600 Rib tumor, malignant-(e.g.,
osteosarcoma,
chondrosarcoma) (170.3,
C41.3)
 - 610 Rib tumor, metastatic (198.5,
C79.51)
 - 590 Sternal tumor, benign (213.3,
D16.7)
 - 570 Sternal tumor, malignant
(170.3, C41.3)
 - 580 Sternal tumor, metastatic
(198.5, C79.51)
 - 630 Thoracic outlet syndrome
(353.0, G54.0)
 - 670 Diaphragm tumor, benign
(215.4, D21.3)
 - 650 Diaphragm tumor, malignant
(171.4, C49.3)
 - 660 Diaphragm tumor, metastatic

- (198.89, C79.89)
- 1120 Diaphragmatic hernia with obstruction, without gangrene (552.3, K44.0)
- 1110 Diaphragmatic hernia with gangrene (551.3, K44.1)
- 1100 Diaphragmatic hernia without obstruction or gangrene (553.3, K44.9)
- 640 Diaphragmatic paralysis (519.4, J98.6)
- 750 Achalasia of esophagus (530.0, K22.0)
- 820 Acquired absence of esophagus (post esophagectomy) (V45.79, Z90.89)
- 740 Barrett's esophagus (530.85, K22.70)
- 1150 Barrett's esophagus with High Grade Dysplasia (530.85, K22.711)
- 1190 Dyskinesia/spasm of esophagus (530.5, K22.4)
- 780 Epiphrenic diverticulum (530.6, K22.5)
- 710 Esophageal cancer, esophagogastric junction (cardia) (151.0, C16.0)
- 690 Esophageal cancer, middle third (150.4, C15.4)
- 700 Esophageal cancer, upper third (150.3, C15.3)
- 680 Esophageal cancer-lower third (150.5, C15.5)
- 760 Esophageal perforation (530.4, K22.3)
- 790 Esophageal reflux (GERD) (530.81, K21.9)
- 730 Esophageal stricture (530.3, K22.2)
- 720 Esophageal tumor-benign (i.e., leiomyoma) (211.0, D13.0)
- 1160 Esophagitis (530.1, K20.9)

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- 1210 Foreign body esophagus (935.1, T18.108a)
 - 810 Gastric outlet obstruction, pyloric stenosis, acquired (537.0, K31.1)
 - 1140 Malignant neo stomach unspecified (151.9, C16.9)
 - 1460 Malignant neoplasm of the esophagus, unspecified (150.9, C15.9)
 - 1130 Malignant other part esophagus, specified (150.8, C15.8)
 - 1200 Mallory Weiss tear (530.7, K22.6)
 - 1170 Reflux esophagitis (530.11, K21.0)
 - 1180 Stricture and stenosis of esophagus (530.3, K22.2)
 - 800 Tracheoesophageal fistula (530.84, J86.0)
 - 1230 Ulcer esophagus with bleeding (530.21, K22.11)
 - 1220 Ulcer esophagus without bleeding (530.2, K22.10)
 - 770 Zenkers diverticulum (530.6, K22.5)
 - 1470 Other digestive system complication (997.49, K91.XX)
 - 1480 Other disease of the esophagus (530.89, K22.8)
 - 880 Flail chest (807.4, S22.5xxa)
 - 860 Rib fracture (807.0, S22.39xa)
 - 1240 Rib fractures, multiple (807.0, S22.49xa)
 - 870 Sternal fracture (807.2, S22.20xa)
 - 890 Tracheal injury (807.5, S12.8xxa)
 - 900 Traumatic pneumothorax (860.0, S27.0xxa)
 - 1490 Abdominal aneurysm without rupture (441.4, I171.4)
 - 1500 Cardiac tamponade (423.3,

- I31.4)
- 990 Pericardial effusion, malignant (198.89, C79.89)
 - 980 Pericarditis with effusion (420.9, I30.9)
 - 1510 Pericarditis, constrictive (432.2, I31.1)
 - 1000 SVC Syndrome (459.2, I87.1)
 - 1520 Unspecified disease of the pericardium (423.9, I31.9)
 - 1030 Abnormal radiologic finding (793.1, R91)
 - 1530 Chronic airway obstruction not elsewhere classified (496, J44.9)
 - 1290 Chylothorax (457.8, I89.8)
 - 1540 Disruption of internal operation, surgical wound (998.31, T81.32XA)
 - 1550 Hemorrhage complicating a procedure (998.11, multiple codes)
 - 1560 Hematoma complicating a procedure (998.12, multiple codes)
 - 1570 Hemoptysis unspecified (786.3, R04.2)
 - 1250 Hyperhidrosis, focal axilla (705.21, L74.510)
 - 1260 Hyperhidrosis, focal, face (705.21, L74.511)
 - 1270 Hyperhidrosis, focal, palms (705.21, L74.512)
 - 1020 Lymphadenopathy (785.6, R59.9)
 - 1580 Other non-infectious disorders of lymphatic channels (457.8, I89.8)
 - 1590 Malignant neoplasm of connective tissue and other soft tissue of the thorax (171.4, C49.3)
 - 1600 Malignant poorly differentiated neuroendocrine carcinoma, any site (209.3,

- C74.1)
- 1610 Non-healing surgical wound (998.83, T81.89XA)
 - 1620 Other post- op infection (998.59, T81.4XXA)
 - 1630 Persistent post-op fistula not otherwise classified (998.6, T81.83XA)
 - 1640 Post-operative air leak (512.2, J95.812)
 - 1650 Secondary malignant neoplasm of other specified sites (198.89, C79.89)
 - 1660 Shortness of breath (786.05, R06.02)
 - 1670 Swelling, mass or lump in chest (786.6, R22.2)
 - 1280 Other unlisted category of disease

Long Name: Category Of Disease - Primary - Other Specify *SeqNo:* 1310
Short Name: **CategoryPrimOth** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the PRIMARY diagnosis (category of disease) not listed for which the procedure was performed.
 Choose from the list when possible, if the category of disease is not listed, enter free text.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Category Of Disease - Primary *Format:* Text
ParentShortName: CategoryPrim *DataLength:*
ParentValue: = "Other unlisted category of disease" *Data Source:* User
ParentHarvestCodes: 1280

Long Name: Category Of Disease - Primary - Other ICD *SeqNo:* 1311
Short Name: **CategoryPrimOthICD** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Enter ICD-9 or ICD-10 code, if known, of other primary diagnosis (category of disease) not listed.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Category Of Disease - Primary *Format:* Text
ParentShortName: CategoryPrim *DataLength:*
ParentValue: = "Other unlisted category of disease" *Data Source:* User
ParentHarvestCodes: 1280

Long Name: Category Of Disease - Secondary *SeqNo:* 1320
Short Name: **CategorySecond** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the SECONDARY diagnosis (category of disease) for which the procedure was performed.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Category Of Disease - Primary *Format:* Text (categorical values specified by STS)
ParentShortName: CategoryPrim *DataLength:*
ParentValue: Is Not Missing *Data Source:* User
ParentHarvestCodes: Is Not Missing

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1300	Dysphagia, unspecified (787.2, R13.10)
10	Tracheomalacia-congenital (748.3, Q32.0)
20	Tracheomalacia-acquired (519.1, J39.8)
30	Tracheostenosis-congenital (748.3, Q32.1)
40	Tracheostenosis-acquired (post intubation) (519.1, J39.8)
50	Tracheostomy-hemorrhage (519.09, J95.01)

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- 60 Tracheostomy related stenosis
(519.02, J95.03)
 - 70 Tracheal tumor, malignant
(162.0, C33)
 - 80 Tracheal tumor, benign
(212.2, D14.2)
 - 90 Tracheal tumor, metastatic
(197.3, C78.30)
 - 100 Subglottic stenosis-congenital
(748.3, Q31.1)
 - 110 Subglottic stenosis-acquired
(post intubation) (478.74,
J38.6)
 - 120 Vocal cord paralysis
unspecified (478.3, J38.00)
 - 1040 Vocal cord paralysis ,
unilateral (478.31, J38.01)
 - 1050 Vocal cord paralysis,
bilateral (478.33, J38.02)
 - 1060 Acute respiratory failure
(518.81, J96.00)
 - 1310 Aspergillosis (117.3, B44.9)
 - 220 Bronchiectasis (494.0, J47.9)
 - 1320 Carcinoid tumor of bronchus
and lung; benign, typical
(209.61., D34.090)
 - 1330 Carcinoid tumor of the
bronchus and lung;
malignant, atypical (209.21,
C7A.090)
 - 1340 Cystic fibrosis with
pulmonary manifestations
(277.02, E84.0)
 - 250 Emphysema (492.8, J43.8)
 - 260 Emphysematous bleb (492.0,
J43.9)
 - 230 Empyema with fistula (510.0,
J86.0)
 - 240 Empyema without fistula
(510.9, J86.9)
 - 1080 Gangrene and necrosis of
lung (513.0, J85.0)
 - 300 Hemothorax (511.8, J94.2)
 - 270 Interstitial lung
disease/fibrosis (516.3, J84.1)

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- 200 Lung abscess (513.0, J85.2)
 - 150 Lung cancer, main bronchus, carina (162.2, C34.00)
 - 160 Lung cancer, upper lobe (162.3, C34.10)
 - 170 Lung cancer, middle lobe (162.4, C34.2)
 - 180 Lung cancer, lower lobe (162.5, C34.30)
 - 190 Lung cancer, location unspecified (162.9, C34.90)
 - 310 Solitary pulmonary nodule (not a tumor, e.g., granuloma, subpleural lymph node, pulmonary infarct) (793.11, R91.1)
 - 140 Lung tumor, benign (212.3, D14.30)
 - 130 Lung tumor, metastatic (197.0, C78.00)
 - 1350 Malignant neoplasm other parts of bronchus or lung (162.8, C34.8)
 - 1360 Neoplasm of uncertain behavior of trachea, bronchus and lung (235.7, DM38.1)
 - 1370 Personal history of malignant neoplasm of bronchus and lung (V10.11, Z85.118)
 - 280 Pneumonia (486.0, J18.9)
 - 210 Pneumothorax (512.8, J93.1)
 - 1380 Post inflammatory pulmonary fibrosis (515, J84.89)
 - 1390 Primary Pulmonary Hypertension (416.0, I27.0)
 - 290 Pulmonary insufficiency following surgery/trauma (ARDS) (518.5, J95.82)
 - 1070 Pulmonary sequestration (748.5, Q33.2)
 - 1400 Transplanted lung complication(s) (996.84, T86.8XX)
 - 350 Anterior mediastinal tumor primary(germ cell cancer,

- seminoma) (164.2, C38.1)
- 370 Anterior mediastinal tumor-
benign-(e.g., teratoma)
(212.5, D15.2)
- 360 Anterior mediastinal tumor-
metastatic (197.1, C78.1)
- 380 Anterior mediastinal tumor-
thymus tumor (thymoma,
thymic carcinoma) (164.0,
C37)
- 1410 Benign neoplasm of thymus
(212.6, D15.0)
- 390 Lymphoma, intrathoracic
(202.82, C85.92)
- 1090 Mediastinal abscess (513.1,
J85.3)
- 440 Mediastinal cyst,
Bronchogenic (519.3, J98.5)
- 450 Mediastinal cyst, Foregut
duplication (519.3, J98.5)
- 460 Mediastinal cyst, Pericardial
(519.3, J98.5)
- 470 Mediastinal cyst, Thymic
(519.3, J98.5)
- 340 Mediastinal nodes, benign
(229.0, D36.0)
- 330 Mediastinal nodes, metastatic
(196.1, C77.1)
- 320 Mediastinitis (519.2, J98.5)
- 430 Myasthenia gravis (358.0,
G70.00)
- 1420 Neoplasm of uncertain
behavior of pleura, thymus,
mediastinum (235.8, D38.2-
D38.4)
- 400 Posterior mediastinal
malignant tumor- primary
(164.3, C38.2)
- 420 Posterior mediastinal tumor-
benign(neurogenic)(212.5,D1
5.2)
- 410 Posterior mediastinal tumor-
metastatic (197.1, C78.1)
- 1430 Unspecified disease of
thymus gland (254.9, E32.9)

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- 830 Goiter, nodular (241.9, E04.9)
 - 850 Thyroid neoplasm, benign
(226.0, D34)
 - 840 Thyroid neoplasm, malignant
(193.0, C73)
 - 490 Pleural effusion, infected-
(empyema) (511.1, J86.9)
 - 500 Pleural effusion, malignant
(197.2, C78.2)
 - 480 Pleural effusion sterile
(511.9, J90)
 - 1440 Pleural effusion, other
specified, except TB (511.89,
J90)
 - 540 Pleural thickening (511.0,
J94.9)
 - 530 Pleural tumor, benign (212.4,
D19.0)
 - 520 Pleural tumor, metastatic
(197.2, C78.2)
 - 1450 Malignant neoplasm other
specified sites of pleura
(163.8, C38.4)
 - 510 Malignant tumor of pleura,
unspecified (e.g.,
mesothelioma) (163.9, C38.4)
 - 560 Pectus carinatum (754.82,
Q67.7)
 - 550 Pectus excavatum (754.81,
Q67.6)
 - 620 Rib tumor, benign-(e.g.,
fibrous dysplasia) (213.3,
D16.7)
 - 600 Rib tumor, malignant-(e.g.,
osteosarcoma,
chondrosarcoma) (170.3,
C41.3)
 - 610 Rib tumor, metastatic (198.5,
C79.51)
 - 590 Sternal tumor, benign (213.3,
D16.7)
 - 570 Sternal tumor, malignant
(170.3, C41.3)
 - 580 Sternal tumor, metastatic
(198.5, C79.51)

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- 630 Thoracic outlet syndrome
(353.0, G54.0)
 - 670 Diaphragm tumor, benign
(215.4, D21.3)
 - 650 Diaphragm tumor, malignant
(171.4, C49.3)
 - 660 Diaphragm tumor, metastatic
(198.89, C79.89)
 - 1120 Diaphragmatic hernia with
obstruction, without gangrene
(552.3, K44.0)
 - 1110 Diaphragmatic hernia with
gangrene (551.3, K44.1)
 - 1100 Diaphragmatic hernia without
obstruction or gangrene
(553.3, K44.9)
 - 640 Diaphragmatic paralysis
(519.4, J98.6)
 - 750 Achalasia of esophagus
(530.0, K22.0)
 - 820 Acquired absence of
esophagus (post
esophagectomy) (V45.79,
Z90.89)
 - 740 Barrett's esophagus (530.85,
K22.70)
 - 1150 Barrett's esophagus with
High Grade Dysplasia
(530.85, K22.711)
 - 1190 Dyskinesia/spasm of
esophagus (530.5, K22.4)
 - 780 Epiphrenic diverticulum
(530.6, K22.5)
 - 710 Esophageal cancer,
esophagogastric junction
(cardia) (151.0, C16.0)
 - 690 Esophageal cancer, middle
third (150.4, C15.4)
 - 700 Esophageal cancer, upper
third (150.3, C15.3)
 - 680 Esophageal cancer-lower
third (150.5, C15.5)
 - 760 Esophageal perforation
(530.4, K22.3)
 - 790 Esophageal reflux (GERD)

- (530.81, K21.9)
- 730 Esophageal stricture (530.3, K22.2)
- 720 Esophageal tumor-benign (i.e., leiomyoma) (211.0, D13.0)
- 1160 Esophagitis (530.1, K20.9)
- 1210 Foreign body esophagus (935.1, T18.108a)
- 810 Gastric outlet obstruction, pyloric stenosis, acquired (537.0, K31.1)
- 1140 Malignant neo stomach unspecified (151.9, C16.9)
- 1460 Malignant neoplasm of the esophagus, unspecified (150.9, C15.9)
- 1130 Malignant other part esophagus, specified (150.8, C15.8)
- 1200 Mallory Weiss tear (530.7, K22.6)
- 1170 Reflux esophagitis (530.11, K21.0)
- 1180 Stricture and stenosis of esophagus (530.3, K22.2)
- 800 Tracheoesophageal fistula (530.84, J86.0)
- 1230 Ulcer esophagus with bleeding (530.21, K22.11)
- 1220 Ulcer esophagus without bleeding (530.2, K22.10)
- 770 Zenkers diverticulum (530.6, K22.5)
- 1470 Other digestive system complication (997.49, K91.XX)
- 1480 Other disease of the esophagus (530.89, K22.8)
- 880 Flail chest (807.4, S22.5xxa)
- 860 Rib fracture (807.0, S22.39xa)
- 1240 Rib fractures, multiple (807.0, S22.49xa)
- 870 Sternal fracture (807.2, S22.20xa)

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- 890 Tracheal injury (807.5, S12.8xxa)
 - 900 Traumatic pneumothorax (860.0, S27.0xxa)
 - 1490 Abdominal aneurysm without rupture (441.4, I171.4)
 - 1500 Cardiac tamponade (423.3, I31.4)
 - 990 Pericardial effusion, malignant (198.89, C79.89)
 - 980 Pericarditis with effusion (420.9, I30.9)
 - 1510 Pericarditis, constrictive (432.2, I31.1)
 - 1000 SVC Syndrome (459.2, I87.1)
 - 1520 Unspecified disease of the pericardium (423.9, I31.9)
 - 1030 Abnormal radiologic finding (793.1, R91)
 - 1530 Chronic airway obstruction not elsewhere classified (496, J44.9)
 - 1290 Chylothorax (457.8, I89.8)
 - 1540 Disruption of internal operation, surgical wound (998.31, T81.32XA)
 - 1550 Hemorrhage complicating a procedure (998.11, multiple codes)
 - 1560 Hematoma complicating a procedure (998.12, multiple codes)
 - 1570 Hemoptysis unspecified (786.3, R04.2)
 - 1250 Hyperhidrosis, focal axilla (705.21, L74.510)
 - 1260 Hyperhidrosis, focal, face (705.21, L74.511)
 - 1270 Hyperhidrosis, focal, palms (705.21, L74.512)
 - 1020 Lymphadenopathy (785.6, R59.9)
 - 1580 Other non-infectious disorders of lymphatic channels (457.8, I89.8)

- 1590 Malignant neoplasm of connective tissue and other soft tissue of the thorax (171.4, C49.3)
- 1600 Malignant poorly differentiated neuroendocrine carcinoma, any site (209.3, C74.1)
- 1610 Non-healing surgical wound (998.83, T81.89XA)
- 1620 Other post- op infection (998.59, T81.4XXA)
- 1630 Persistent post-op fistula not otherwise classified (998.6, T81.83XA)
- 1640 Post-operative air leak (512.2, J95.812)
- 1650 Secondary malignant neoplasm of other specified sites (198.89, C79.89)
- 1660 Shortness of breath (786.05, R06.02)
- 1670 Swelling, mass or lump in chest (786.6, R22.2)
- 1280 Other unlisted category of disease

Long Name: Category Of Disease - Secondary - Other Specify *SeqNo:* 1330
Short Name: **CategorySecondOth** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the SECONDARY Diagnosis (category of disease) for which the procedure was performed if not listed.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Category Of Disease - Secondary *Format:* Text

ParentShortName: CategorySecond *DataLength:*

ParentValue: = "Other unlisted category of disease" *Data Source:* User

ParentHarvestCodes: 1280

Long Name: Category Of Disease - Secondary - Other ICD *SeqNo:* 1331
Short Name: **CategorySecondOthIC** *Core:* Yes
D
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Enter ICD-9 or ICD-10 code, if known, of secondary diagnosis (category of disease) not listed.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Category Of Disease - *Format:* Text
Secondary
ParentShortName: CategorySecond *DataLength:*
ParentValue: = "Other unlisted category of *Data Source:* User
disease"
ParentHarvestCodes: 1280

Long Name: Date Of Surgery *SeqNo:* 1340
Short Name: **SurgDt** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the date of surgery, which equals the date the patient enters the operating room.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Date in mm/dd/yyyy format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: OR Entry Time *SeqNo:* 1350
Short Name: **OREntryT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate to the nearest minute (using 24 hour clock) the time the patient enters the operating room.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Time in 24-hour hh:mm format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: OR Exit Time *SeqNo:* 1360
Short Name: **ORExitT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate to the nearest minute (using 24 hour clock) the time the patient exits the operating room.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Time in 24-hour hh:mm format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Anesthesia Start Time *SeqNo:* 1370
Short Name: **AnesthStartT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the time of anesthesia induction.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Time in 24-hour hh:mm format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Anesthesia End Time *SeqNo:* 1380
Short Name: **AnesthEndT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the anesthesia end time documented in the medical record. The definition of anesthesia end time is when the anesthesiologist is no longer in personal attendance, that is, when the patient is safely placed under post-anesthesia supervision.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Time in 24-hour hh:mm format

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: Procedure Start Time *SeqNo:* 1390
Short Name: **ProcStartT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the time the procedure started.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Time in 24-hour hh:mm format

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: Procedure End Time *SeqNo:* 1400
Short Name: **ProcEndT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the time the procedure ended.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Time in 24-hour hh:mm format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Multi-Day Operation *SeqNo:* 1410
Short Name: **MultiDay** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate whether the operation continued through midnight from one day to the next.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

<i>Long Name:</i>	Status	<i>SeqNo:</i>	1420
<i>Short Name:</i>	Status	<i>Core:</i>	Yes
<i>Section Name:</i>	Diagnosis (Category of Disease) and Procedures	<i>Harvest:</i>	Yes

DBTableName Operations

Definition: Indicate the status that best describes the clinical status of the patient at the time of the 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.
4. Palliative: procedure intended to provide comfort or relief.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name:

Format: Text (categorical values specified by STS)

ParentShortName:

DataLength:

ParentValue:

Data Source: User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- | | |
|---|------------|
| 1 | Emergent |
| 2 | Urgent |
| 3 | Elective |
| 4 | Palliative |
-

Long Name: Reoperation *SeqNo:* 1430
Short Name: **Reop** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether this is a cardiac or thoracic re-operation that affects this operative field (i.e., patient has had a previous surgical procedure in the same cavity or organ).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Robotic Technology Assisted *SeqNo:* 1440
Short Name: **Robotic** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the thoracic surgery was assisted by robotic technology.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Unanticipated Surgical Approach Conversion *SeqNo:* 1441
Short Name: **UnanticConv** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether or not there was an unanticipated conversion of the surgical approach.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 VATS to open
- 2 Robotic to VATS
- 3 Robotic to open
- 4 No

Long Name: Unanticipated Surgical Approach Conversion Type *SeqNo:* 1442
Short Name: **UnanticConvTy** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the type of surgical approach conversion.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Unanticipated Surgical Approach Conversion *Format:* Text (categorical values specified by STS)

ParentShortName: UnanticConv *DataLength:*

ParentValue: = "VATS to open", "Robotic to VATS" or "Robotic to open" *Data Source:* User

ParentHarvestCodes: 1|2|3

Harvest Codes:

Code: Value:

- 1 Elective
- 2 Emergent

Long Name: Unanticipated Surgical Approach Conversion Reason *SeqNo:* 1443
Short Name: **UnanticConvRsn** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the reason for the surgical approach conversion.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Unanticipated Surgical Approach Conversion *Format:* Text (categorical values specified by STS)

ParentShortName: UnanticConv *DataLength:*

ParentValue: = "VATS to open", "Robotic to VATS" or "Robotic to open" *Data Source:* User

ParentHarvestCodes: 1|2|3

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Vascular
2	Anatomy
3	Lymph nodes
4	Technical

Long Name: Intraoperative Packed Red Blood Cells *SeqNo:* 1450
Short Name: **IntraopPRBC** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient received packed Red Blood Cells intraoperatively.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Intraoperative Packed Red Blood Cells - Number *SeqNo:* 1460
Short Name: **IntraopPRBCNum** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the number of units of packed Red Blood Cells the patient received intraoperatively.
LowValue: 1 *UsualRangeLow:* 1
HighValue: 50 *UsualRangeHigh:* 10
Parent Long Name: Intraoperative Packed Red Blood Cells *Format:* Integer
ParentShortName: IntraopPRBC *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: ASA Classification *SeqNo:* 1470
Short Name: **ASA** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the patient's American Society of Anesthesiologists Risk Scale for this surgical procedure. This information can be found in the operating room Anesthesia Record.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	I	A normal healthy patient
2	II	A patient with mild systemic disease
3	III	A patient with severe systemic disease
4	IV	A patient with severe systemic disease that is a constant threat to life
5	V	A moribund patient who is not expected to survive without the operation
6	VI	A declared brain-dead patient whose organs are being removed for donor purposes

Long Name: Procedure *SeqNo:* 1480
Short Name: **Proc** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Procedures

Definition: Indicate the general thoracic procedures being performed during this operating room visit. Please note: A separate data collection form should be completed for each general thoracic operating room or endoscopy suite visit that involves a "major" procedure.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---|
| 3980 | Tracheostomy, planned (31600) |
| 4410 | Tracheostomy replacement, trach tube change prior to establishment of fistula tract (31502) |
| 4420 | Tracheostomy revision, simple without flap (31613) |
| 4430 | Rigid stent removal |
| 2300 | Unlisted procedure, trachea, bronchi (31899) |
| 4440 | Bronchogenic cyst removal |
| 4450 | Bronchial laceration suture |
| 4460 | Bronchial sleeve resection |
| 4470 | Bronchoplasty, graft repair (31770) |
| 2230 | Bronchoplasty; excision stenosis and anastomosis (31775) |
| 4480 | Bronchopleural fistula closure (32906) |
| 2220 | Carinal reconstruction (31766) |
| 3880 | Laryngectomy, partial (31370) |
| 2240 | Tracheal stenosis excision and anastomosis; cervical (31780) |
| 2250 | Tracheal stenosis excision |

- and anastomosis;
cervicothoracic (31781)
- 2260 Tracheal tumor or carcinoma
excision; cervical (31785)
- 2270 Tracheal tumor or carcinoma
excision; thoracic (31786)
- 2280 Tracheal wound or injury
suture repair; cervical (31800)
- 2290 Tracheal wound or injury
suture repair; intrathoracic
(31805)
- 2200 Tracheoplasty; cervical
(31750)
- 2210 Tracheoplasty; intrathoracic
(31760)
- 4510 Tracheostoma revision,
complex with flap (31614)
- 4520 Tracheostomy, mediastinal
- 2980 Bronchoscopy, diagnostic,
with or without cell washing
(31622)
- 3100 Bronchoscopy, each
additional major bronchus
stented (31637)
- 4000 Bronchoscopy, navigational
(31627)
- 3000 Bronchoscopy, with bronchial
alveolar lavage (BAL)
(31624)
- 3010 Bronchoscopy, with bronchial
or endobronchial biopsy(s),
single or multiple sites
(31625)
- 2990 Bronchoscopy, with brushing
or protected brushings
(31623)
- 3130 Bronchoscopy, with
destruction of tumor or relief
of stenosis by any method
other than excision (e.g., laser
therapy) (31641)
- 3120 Bronchoscopy, with excision
of tumor (31640)
- 3090 Bronchoscopy, with
placement of bronchial
stent(s) (includes

- tracheal/bronchial dilation as required), initial bronchus (31636)
- 3140 Bronchoscopy, with placement of catheter(s) for intracavitary radioelement application (31643)
- 3990 Bronchoscopy, with placement of Fiducial markers (31626)
- 3050 Bronchoscopy, with placement of tracheal stent(s) (includes tracheal/bronchial dilation as required) (31631)
- 3080 Bronchoscopy, with removal of foreign body (31635)
- 3110 Bronchoscopy, with revision of tracheal or bronchial stent inserted at previous session (31638)
- 3150 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, initial (drainage of lung abscess) (31645)
- 3160 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, subsequent (31646)
- 3040 Bronchoscopy, with tracheal/bronchial dilation or closed reduction of fracture (31630)
- 3060 Bronchoscopy, with transbronchial lung biopsy(s), each additional lobe (31632)
- 3020 Bronchoscopy, with transbronchial lung biopsy(s), single lobe (31628)
- 3030 Bronchoscopy, with transbronchial needle aspiration biopsy(s) (31629)
- 3070 Bronchoscopy, with transbronchial needle aspiration biopsy(s), each additional lobe (31633)
- 2970 Endobronchial ultrasound (EBUS) during bronchoscopy

- diagnostic or therapeutic intervention(s) (31620)
- 2960 Tracheobronchoscopy through established tracheostomy incision (31615)
- 2610 Thoracoscopy, diagnostic lungs and pleural space, without biopsy (32601)
- 2670 Thoracoscopy, surgical; with pleurodesis (e.g., mechanical or chemical) (32650)
- 2700 Thoracoscopy, surgical; with removal of intrapleural foreign body or fibrin deposit (32653)
- 4010 Thoracoscopy, diagnostic; with biopsy(ies) of lung infiltrate(s) (eg wedge), unilateral (32607)
- 4020 Thoracoscopy, diagnostic; with biopsy(ies) of lung nodule(s) or mass(es) (eg incisional), unilateral (32608)
- 4030 Thoracoscopy, diagnostic; with biopsy(ies) of pleura (32609)
- 2310 Thoracostomy; with rib resection for empyema (32035)
- 2320 Thoracostomy; with open flap drainage for empyema (32036)
- 4040 Thoracotomy with biopsy(ies) lung infiltrate(s) (eg wedge), unilateral (32096)
- 4050 Thoracotomy with biopsy(ies) lung nodule(s) or masses (eg incisional), unilateral (32097)
- 4060 Thoracotomy with biopsy(ies) of pleura (32098)
- 2400 Thoracotomy with cardiac massage (32160)
- 2410 Pleural scarification for repeat pneumothorax (32215)
- 2830 Insertion indwelling tunneled pleural catheter (32550)
- 2840 Repair lung hernia through

- chest wall (32800)
- 2850 Closure of chest wall following open flap drainage for empyema (Clagett type procedure) (32810)
- 2890 Total lung lavage (for alveolar proteinosis) (32997)
- 2900 Radio-frequency ablation (RFA) lung tumor (32998)
- 2950 Unlisted procedure, lung (32999)
- 2680 Thoracoscopy, surgical; with partial pulmonary decortication (32651)
- 2690 Thoracoscopy, surgical; with total pulmonary decortication (32652)
- 2710 Thoracoscopy, surgical; with control of traumatic hemorrhage (32654)
- 2720 Thoracoscopy, surgical; with excision-plication of bullae, including any pleural procedure (32655)
- 2730 Thoracoscopy, surgical; with parietal pleurectomy (32656)
- 2800 Thoracoscopy, surgical; with lobectomy (32663)
- 4070 Thoracoscopy with therapeutic wedge resection (eg mass or nodule, initial, unilateral) (32666)
- 4080 Thoracoscopy with therapeutic wedge resection(eg mass or nodule) each additional resection, ipsilateral (32667)
- 4090 Thoracoscopy with diagnostic wedge resection followed by anatomic lung resection (32668), List separately in addition to primary proc code
- 4100 Thoracoscopy with removal of a single lung segment (segmentectomy) (32669)
- 4110 Thoracoscopy with removal of two lobes (bilobectomy)

- (32670)
- 4120 Thoracoscopy with removal of lung, pneumonectomy (32671)
- 4130 Thoracoscopy with resection-plication for emphysematous lung (bullous or non-bullous) for lung volume reduction-LVRS, unilateral including any pleural procedure (32672)
- 4140 Thoracotomy with therapeutic wedge resection (eg mass nodule) initial (32505)
- 4150 Thoracotomy with therapeutic wedge resection (eg mass nodule) each additional resection, ipsilateral (+32506), List separately in addition to primary proc code
- 4160 Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (+32507), List separately in addition to primary proc code
- 2340 Thoracotomy, with exploration (32100)
- 2350 Thoracotomy, major; with control of traumatic hemorrhage and/or repair of lung tear (32110)
- 2360 Thoracotomy, major; for postoperative complications (32120)
- 2370 Thoracotomy, major; with cyst(s) removal, with or without a pleural procedure (32140)
- 2380 Thoracotomy, major; with excision-plication of bullae, with or without any pleural procedure (32141)
- 2390 Thoracotomy, major; with removal of intrapleural foreign body or hematoma (32150)
- 4530 Thoracotomy with open intrapleural pneumolysis (32124)

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- 2420 Decortication, pulmonary, total (32220)
 - 2430 Decortication, pulmonary, partial (32225)
 - 2440 Pleurectomy, parietal (32310)
 - 2450 Decortication and parietal pleurectomy (32320)
 - 2470 Removal of lung, total pneumonectomy; (32440)
 - 2480 Removal of lung, sleeve (carinal) pneumonectomy (32442)
 - 2490 Removal of lung, total pneumonectomy; extrapleural (32445)
 - 2500 Removal of lung, single lobe (lobectomy) (32480)
 - 2510 Removal of lung, two lobes (bilobectomy) (32482)
 - 2520 Removal of lung, single segment (segmentectomy) (32484)
 - 2530 Removal of lung, sleeve lobectomy (32486)
 - 2540 Removal of lung, completion pneumonectomy (32488)
 - 2550 Removal of lung, excision-plication of emphysematous lung(s) for lung volume reduction (LVRS) (32491)
 - 2570 Resection and repair of portion of bronchus (bronchoplasty) when performed at time of lobectomy or segmentectomy (32501)
 - 2580 Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, without chest wall reconstruction(s) (32503)
 - 2590 Resection of apical lung tumor (e.g., Pancoast tumor), including chest wall resection, with chest wall reconstruction (32504)
 - 2860 Open closure of major

-
- bronchial fistula (32815)
 - 2880 Thoracoplasty with closure of bronchopleural fistula (32906)
 - 2910 Single lung transplant (32851)
 - 2920 Single lung transplant with CPB (32852)
 - 2930 Double lung transplant (32853)
 - 2940 Double lung transplant with CPB (32854)
 - 2660 Thoracoscopy, diagnostic; mediastinal space, with biopsy (32606)
 - 3180 Mediastinotomy with exploration or biopsy; cervical approach (39000)
 - 3190 Mediastinotomy with exploration or biopsy; transthoracic approach (39010)
 - 3220 Mediastinoscopy, with or without biopsy (39400)
 - 3230 Unlisted procedure, mediastinum (39499)
 - 3310 Unlisted procedure, diaphragm (39599)
 - 2790 Thoracoscopy, surgical; with excision of mediastinal cyst, tumor, or mass (32662)
 - 4170 Thoracoscopy with mediastinal and regional lymphadenectomy (+32674)
List separately in addition to primary proc code
 - 3170 Thoracic lymphadenectomy, regional, including mediastinal and peritracheal nodes (38746)
 - 3200 Mediastinal cyst, excision, open, Transthoracic approach (39200)
 - 3210 Mediastinal tumor, excision, open, Transthoracic approach (39220)
 - 4180 Thymus, resection via Thoracoscopy unilateral or

-
- bilateral (32673)
 - 3840 Thymectomy, transcervical approach (60520)
 - 3850 Thymectomy, transthoracic approach (60521)
 - 3860 Thymectomy, transthoracic approach, with radical mediastinal dissection (60522)
 - 3240 Diaphragm, laceration repair, any approach (39501)
 - 3260 Diaphragmatic hernia repair (other than neonatal), traumatic; acute (39540)
 - 3270 Diaphragmatic hernia repair (other than neonatal), traumatic; chronic (39541)
 - 3280 Diaphragm imbrication (i.e., plication) of (39545)
 - 3290 Diaphragm; resection with simple repair (e.g., primary suture) (39560)
 - 3300 Diaphragm; resection with complex repair (e.g., prosthetic material, local muscle flap) (39561)
 - 3640 Esophagoscopy (43200)
 - 3650 Esophagoscopy with biopsy (43202)
 - 3660 Esophagoscopy with removal of foreign body (43215)
 - 3670 Esophagoscopy with insertion of stent (43219)
 - 3680 Esophagoscopy with balloon dilation (43220)
 - 3690 Esophagoscopy with insertion of guide wire followed by dilation over guide wire (43226)
 - 3700 Esophagoscopy with ablation of tumor (43228)
 - 3710 Esophagoscopy with endoscopic ultrasound examination (EUS) (43231)
 - 3720 Esophagoscopy with transendoscopic ultrasound-guided fine needle aspiration

- (43232)
- 3730 Upper gastrointestinal endoscopy, diagnostic (43235)
- 3740 Upper gastrointestinal endoscopy with endoscopic ultrasound examination limited to the esophagus (43237)
- 3750 Upper gastrointestinal endoscopy with transendoscopic ultrasound-guided FNA (43238)
- 3760 Upper gastrointestinal endoscopy with biopsy (43239)
- 3770 Upper gastrointestinal endoscopy with dilation of gastric outlet for obstruction (43245)
- 3780 Upper gastrointestinal endoscopy with directed placement of percutaneous gastrostomy tube (43246)
- 3790 Upper gastrointestinal endoscopy with removal of foreign body (43247)
- 3800 Upper gastrointestinal endoscopy with insertion of guide wire followed by dilation of esophagus (43248)
- 3810 Upper gastrointestinal endoscopy with balloon dilation of esophagus (43249)
- 3820 Upper gastrointestinal endoscopy with transendoscopic stent placement (43256)
- 3830 Upper gastrointestinal endoscopy with ablation of tumor (43258)
- 3320 Transhiatal-Total esophagectomy, without thoracotomy, with cervical esophagogastronomy
- 3330 Three hole-Total esophagectomy with thoracotomy; with cervical

-
- esophagogastrostomy (43112)
 - 3340 Ivor Lewis-Partial esophagectomy, distal two-thirds, with thoracotomy and separate abdominal incision (43117)
 - 3350 Thoracoabdominal-Partial esophagectomy, thoracoabdominal approach (43122)
 - 4190 Minimally invasive three hole esophagectomy
 - 3360 Minimally invasive esophagectomy, Ivor Lewis approach
 - 3370 Minimally invasive esophagectomy, Abdominal and neck approach
 - 3380 Total esophagectomy without thoracotomy; with colon interposition or small intestine reconstruction (43108)
 - 3390 Total esophagectomy with thoracotomy; with colon interposition or small intestine reconstruction (43113)
 - 3400 Partial esophagectomy, cervical, with free intestinal graft, including microvascular anastomosis (43116)
 - 3410 Partial esophagectomy, with thoracotomy and separate abdominal incision with colon interposition or small intestine (43118)
 - 3420 Partial esophagectomy, distal two-thirds, with thoracotomy only (43121)
 - 3430 Partial esophagectomy, thoracoabdominal with colon interposition or small intestine (43123)
 - 3440 Total or partial esophagectomy, without reconstruction with cervical esophagostomy (43124)

-
- 4540 Conduit revision s/p esophagectomy
 - 3450 Cricopharyngeal myotomy (43030)
 - 3460 Diverticulectomy of hypopharynx or esophagus, with or without myotomy; cervical approach (43130)
 - 3530 Esophagostomy, fistulization of esophagus, external; cervical approach (43352)
 - 3590 Closure of esophagostomy or fistula; cervical approach (43420)
 - 4200 Excision esophageal lesion with primary repair, cervical approach (43100)
 - 4550 Transoral fundoplication
 - 4210 Unlisted laparoscopy, esophagus (43289)
 - 3630 Unlisted procedure, esophagus (43499)
 - 4560 Per oral endoscopic myotomy (POEM)
 - 4220 Laparoscopy, surgical with repair of paraesophageal hernia (fundoplasty) without mesh (43281)
 - 4230 Laparoscopy, surgical with repair of paraesophageal hernia (fundoplasty) with mesh (43282)
 - 4240 Laparoscopy, surgical, esophageal lengthening procedure (Collis) (43283)
Secondary Procedure code
 - 3480 Laparoscopy, surgical, esophagogastric fundoplasty (e.g., Nissen, Toupet procedures) (43280)
 - 3490 Laparoscopic esophageal myotomy (Heller Myotomy, with or without fundoplication) (43279)
 - 2820 Thoracoscopy, surgical; with esophagomyotomy (Heller type) (32665)

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- 4250 Nissen fundoplasty-laparotomy (includes partial fundoplication/wrap) (43327)
 - 4260 Transthoracic Fundoplication- open thoracotomy (includes Belsey/Nissen) (43328)
 - 4270 Repair, paraesophageal hiatal hernia via laparotomy without mesh (43332)
 - 4280 Repair, paraesophageal hiatal hernia via laparotomy with mesh (43333)
 - 4290 Repair, paraesophageal hiatal hernia via thoracotomy without mesh (43334)
 - 4300 Repair, paraesophageal hiatal hernia via thoracotomy with mesh (43335)
 - 4310 Repair, paraesophageal hiatal hernia via thoracoabdominal approach without mesh (43336)
 - 4320 Repair, paraesophageal hiatal hernia via thoracoabdominal approach with mesh (43337)
 - 4330 Esophageal lengthening procedure - open (Collis) Secondary Procedure code (43338)
 - 3470 Diverticulectomy of esophagus, with or without myotomy; thoracic approach (43135)
 - 4340 Excision Esophageal lesion with primary repair, thoracic approach (eg: leiomyoma) (43101)
 - 4350 Esophagoplasty with repair of TEF, cervical approach (43305)
 - 4360 Esophagoplasty with repair TEF, thoracic approach (43312)
 - 4370 Esophagomyotomy (Heller type); thoracic approach (43331)
 - 3540 Gastrointestinal

-
- reconstruction for previous esophagectomy with stomach (43360)
 - 3550 Gastrointestinal reconstruction for previous esophagectomy with colon interposition or small intestine (43361)
 - 3560 Ligation or stapling at gastroesophageal junction for esophageal perforation (43405)
 - 3570 Suture of esophageal wound or injury; cervical approach (43410)
 - 3580 Suture of esophageal wound or injury; transthoracic or transabdominal approach (43415)
 - 3600 Free jejunum transfer with microvascular anastomosis (43496)
 - 3610 Total gastrectomy with esophagoenterostomy (43620)
 - 3620 Total gastrectomy with Roux-en-Y reconstruction (43621)
 - 2040 Excision tumor, soft tissue of neck or thorax; subcutaneous (21555)
 - 2050 Excision tumor, soft tissue of neck or thorax; deep, subfascial, intramuscular (21556)
 - 2070 Excision of rib, partial (21600)
 - 2080 Excision first and/or cervical rib (21615)
 - 2090 Excision first and/or cervical rib; with sympathectomy (21616)
 - 2130 Division of scalenus anticus; without resection of cervical rib (21700)
 - 2140 Division of scalenus anticus; with resection of cervical rib (21705)
 - 2180 Open treatment of sternum

-
- fracture with or without skeletal fixation (21825)
- 2120 Hyoid myotomy and suspension (21685)
secondary procedure code
- 4570 Removal of sternal wire(s)
- 2190 Unlisted procedure, neck or thorax (21899)
- 2870 Major reconstruction, chest wall (posttraumatic) (32820)
- 2000 Muscle flap, neck (15732)
- 2010 Muscle flap; trunk (i.e., intercostal, pectoralis or serratus muscle) (15734)
- 2020 Excision of chest wall tumor including ribs (19260)
- 2030 Excision of chest wall tumor involving ribs, with reconstruction (19271)
- 2060 Radical resection of tumor (e.g., malignant neoplasm), soft tissue of neck or thorax (21557)
- 2100 Radical resection of sternum (21630)
- 2110 Radical resection of sternum; with mediastinal lymphadenectomy (21632)
- 2150 Reconstructive repair of pectus excavatum or carinatum; open (21740)
- 2160 Reconstructive repair of pectus, minimally invasive approach (Nuss procedure), without thoracoscopy (21742)
- 2170 Reconstructive repair of pectus, minimally invasive approach (Nuss procedure), with thoracoscopy (21743)
- 2640 Thoracoscopy, diagnostic pericardial sac, with biopsy (32604)
- 2750 Thoracoscopy, surgical; with removal of clot or foreign body from pericardial sac (32658)

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- 2760 Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage (32659)
 - 3940 Tube pericardiostomy (33015)
 - 3950 Pericardial window (33025)
 - 2810 Thoracoscopy, surgical; with thoracic sympathectomy (32664)
 - 3930 Removal substernal thyroid, cervical approach (60271)
 - 4380 Application of wound vac (97605, 97606)
 - 4390 Stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT), surgeon participation (32701)
 - 4400 Other Minor Procedure
 - 2770 Thoracoscopy, surgical; with total pericardiectomy (32660)
 - 2780 Thoracoscopy, surgical; with excision of pericardial cyst, tumor, or mass (32661)
 - 3890 Ligation thoracic duct (38381)
 - 3900 Intraoperative jejunostomy (44015)
 - 3910 Omental flap (49904)
 - 3920 Transthoracic thyroidectomy (60270)
 - 3960 SVC resection and reconstruction (34502)
 - 3970 Other
-

Long Name: Procedure Unlisted - Specify *SeqNo:* 1490
Short Name: **ProcOth** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Procedures
Definition: Indicate the general thoracic procedure(s) not listed being performed during this operating room visit, free text up to 150 characters.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Procedure *Format:* Text
ParentShortName: Proc *DataLength:*
ParentValue: = "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted laparoscopy, esophagus (43289)", "Unlisted procedure, esophagus (4349" *Data Source:* User
ParentHarvestCodes: 2300|2950|3230|3310|4210|3630|2190|4400|3970

Long Name: Procedure Unlisted - CPT *SeqNo:* 1491
Short Name: **ProcOthCPT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Procedures
Definition: Indicate 5 digit CPT code(s) of unlisted procedure(s).
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Procedure *Format:* Text
ParentShortName: Proc *DataLength:*
ParentValue: = "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted laparoscopy, esophagus (43289)", "Unlisted procedure, esophagus (4349" *Data Source:* User
ParentHarvestCodes: 2300|2950|3230|3310|4210|3630|2190|4400|3970

Long Name: Primary Procedure *SeqNo:* 1500
Short Name: **Primary** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Procedures
Definition: Indicate whether this is the primary surgical procedure.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:
 Harvest Codes:
 Code: Value:
 1 Yes
 2 No

Long Name: Lung Resection Performed *SeqNo:* 1510
Short Name: **LungResect** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a lung resection procedure was performed during this procedure.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Laterality *SeqNo:* 1520
Short Name: **Laterality** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: For lung resections only, indicate the laterality of the primary surgical procedure.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Resection Performed *Format:* Text (categorical values specified by STS)

ParentShortName: LungResect *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Right

2 Left

3 Bilateral

Long Name: Bronchus Covered With Tissue *SeqNo:* 1521
Short Name: **BronCovTis** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the bronchus was covered with vascularized tissue.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Resection Performed *Format:* Text (categorical values specified by STS)

ParentShortName: LungResect *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No
- 3 Unknown

Long Name: Esophagectomy Performed *SeqNo:* 1522
Short Name: **Esophag** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a esohpagectomy was performed.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No

Long Name: Gastric Emptying Intervention *SeqNo:* 1523
Short Name: **GasEmpty** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate which, if any, gastric emptying intervention was performed.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Esophagectomy Performed *Format:* Text (categorical values specified by STS)

ParentShortName: Esophag *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- 1 Pyloroplasty
- 2 Pyloromyotomy
- 3 Botox injection
- 4 Other
- 5 None

Long Name: Patient Disposition *SeqNo:* 1530
Short Name: **PatDisp** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the location to where the patient was transferred after leaving the OR and/or PACU for routine recovery.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 ICU
- 2 Intermediate Care Unit
- 3 Regular floor bed
- 4 Not applicable (expired in OR)

5 Outpatient or Observation
Status

Long Name: Initial Visit To ICU *SeqNo:* 1532
Short Name: **ICUVisitInit** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was taken to the ICU at any time during this admission.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Initial ICU Visit Days *SeqNo:* 1533
Short Name: **ICUVisitInitDays** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the number of days the patient spent in their initial visit to the ICU.

Note: <24 hours= 1 day.

LowValue: 1 *UsualRangeLow:*

HighValue: 200 *UsualRangeHigh:*

Parent Long Name: Initial Visit To ICU *Format:* Integer

ParentShortName: ICUVisitInit *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Long Name: Additional Visit To ICU *SeqNo:* 1534
Short Name: **ICUVisitAdd** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was readmitted to the ICU following the initial ICU stay and prior to any subsequent procedures during this admission.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Initial Visit To ICU *Format:* Text (categorical values specified by STS)

ParentShortName: ICUVisitInit *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Additional Visit To ICU Days *SeqNo:* 1535
Short Name: **ICUVisitAddDays** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the total number of additional days the patient spent in the ICU.

LowValue: 1 *UsualRangeLow:*

HighValue: 200 *UsualRangeHigh:*

Parent Long Name: Additional Visit To ICU *Format:* Integer

ParentShortName: ICUVisitAdd *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Long Name: Pathologic Staging - Lung Cancer - T *SeqNo:* 1540
Short Name: **PathStageLungT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer primary tumor based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer

Format: Text (categorical values specified by STS)

ParentShortName: LungCancer

DataLength:

ParentValue: = "Yes"

Data Source: User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
7	TX	Tumor cannot be assessed
8	TO	No evidence of primary tumor
9	Tis	Carcinoma in situ
1	T1a	Tumor <= 2cm
2	T1b	Tumor >2cm but <= 3cm
3	T2a	Tumor >3cm but <= 5 cm
4	T2b	Tumor >5 cm but <=7 cm
5	T3	Tumor > 7 cm or one that invades pleura, chest wall, diaphragm, phrenic nerve, pericardium, main bronchus (not involving carina), causes obstructive atelectasis or pneumonitis or a separate tumor in the same lobe.
6	T4	Tumor of any size that invades mediastinum, heart, great vessels, trachea, recurrent laryngeal nerve, esophagus, vertebral body, carina or separate tumor in a different ipsilateral lobe.

Long Name: Pathologic Staging - Lung Cancer - N *SeqNo:* 1550
Short Name: **PathStageLungN** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer regional nodes based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer

Format: Text (categorical values specified by STS)

ParentShortName: LungCancer

DataLength:

ParentValue: = "Yes"

Data Source: User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
5	NX	Regional lymph nodes cannot be assessed
1	N0	No regional lymph node metastasis
2	N1	Metastasis in ipsilateral peribronchial and/or ipsilateral hilar nodes, intrapulmonary nodes, includes direct extension
3	N2	Metastasis in ipsilateral mediastinal and/or subcarinal lymph node(s)
4	N3	Metastasis in contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene or supraclavicular lymph node(s)

Long Name: Pathologic Staging - Lung Cancer - M *SeqNo:* 1560
Short Name: **PathStageLungM** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer metastases based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer

Format: Text (categorical values specified by STS)

ParentShortName: LungCancer

DataLength:

ParentValue: = "Yes"

Data Source: User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	M0	No distant metastasis

4 M1

Distant metastasis

Long Name: Lung Cancer Histology *SeqNo:* 1561

Short Name: **LungCAHist** *Core:* Yes

Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the lung cancer histology based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: LungCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---|
| 1 | Carcinoma in situ -
Bronchioalveolar (BAC) |
| 2 | Adenocarcinoma |
| 3 | Squamous cell |
| 4 | Large cell |
| 5 | Small cell |
| 6 | Neuroendocrine |
| 7 | Mixed |

Long Name: Lung Cancer Histology Grade *SeqNo:* 1562

Short Name: **LungCAHistGrade** *Core:* Yes

Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the grade of the neuroendocrine lung cancer histology based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer Histology *Format:* Text (categorical values specified by STS)

ParentShortName: LungCAHist *DataLength:*

ParentValue: = "Neuroendocrine" *Data Source:* User

ParentHarvestCodes: 6

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Low grade |

-
- 2 Intermediate grade
 - 3 High grade
-

Long Name: Lung Cancer - Number of Nodes *SeqNo:* 1570
Short Name: **LungCANodes** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName: Operations
Definition: Indicate the total number of nodes sampled/harvested.
LowValue: 0 *UsualRangeLow:* 5
HighValue: 80 *UsualRangeHigh:* 15
Parent Long Name: Lung Cancer *Format:* Integer
ParentShortName: LungCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: Total Number Of Nodal Stations *SeqNo:* 1571
Short Name: **LungCANodStat** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName: Operations
Definition: Indicate the total number of nodal stations sampled / harvested.
LowValue: 0 *UsualRangeLow:*
HighValue: 16 *UsualRangeHigh:*
Parent Long Name: Lung Cancer *Format:* Integer
ParentShortName: LungCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: Lung Cancer - Pathology Margins *SeqNo:* 1580
Short Name: **LungCAPathMarg** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether pathology report indicated positive surgical margins.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Lung Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: LungCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Pathologic Staging - Esophageal Cancer - T *SeqNo:* 1590
Short Name: **PathStageEsophT** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the esophageal cancer primary tumor based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: EsophCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

Code: Value:

Definition:

9 TX

Tumor cannot be assessed

1 T0

No evidence of primary tumor

2 Tis

High Grade Dysplasia

3 T1a

Tumor invades lamina propria or muscularis mucosa

4 T1b

Tumor invades submucosa

5 T2

Tumor invades muscularis propria

6 T3

Tumor invades adventitia

7 T4a

Resectable tumor invades pleura, pericardium or

8 T4b diaphragm
 Unresectable tumor invading other adjacent structures such as aorta, vertebral body, trachea, etc.

Long Name: Pathologic Staging - Esophageal Cancer - N *SeqNo:* 1600
Short Name: **PathStageEsophN** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the esophageal cancer regional lymph nodes based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: EsophCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
7	NX	Regional lymph nodes cannot be assessed
1	N0	No regional lymph node metastasis
8	N1	Metastasis in 1-2 regional nodes
9	N2	Metastasis in 3-6 regional lymph nodes
10	N3	Metastasis in 7 or more regional lymph nodes

Long Name: Pathologic Staging - Esophageal Cancer - M *SeqNo:* 1610
Short Name: **PathStageEsophM** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes

DBTableName Operations

Definition: Indicate the appropriate descriptor for the esophageal cancer distant metastases based on final pathology report.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)

ParentShortName: EsophCancer *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	M0	No distant metastasis

2 M1 Distant metastasis

Long Name: Pathologic Staging - Esophageal Cancer - H *SeqNo:* 1620
Short Name: **PathStageEsophH** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations

Definition: Indicate the appropriate descriptor for the esophageal cancer histopathologic type based on final pathology report.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: EsophCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	H1	Squamous Carcinoma
2	H2	Adenocarcinoma
3	Other	

Long Name: Pathologic Staging - Esophageal Cancer - G *SeqNo:* 1630
Short Name: **PathStageEsophG** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations

Definition: Indicate the appropriate descriptor for the esophageal cancer histologic grade based on final pathology report.
 If a range of differentiation is reported, choose the worst differentiation.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: EsophCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
1	GX	Grade cannot be assessed
2	G1	Well differentiated
3	G2	Moderately differentiated
4	G3	Poorly differentiated

5 G4

Undifferentiated

Long Name: Esophageal Cancer - Number of Nodes *SeqNo:* 1640
Short Name: **EsophCANodes** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate the total number of nodes sampled/harvested.
LowValue: 0 *UsualRangeLow:* 5
HighValue: 80 *UsualRangeHigh:* 15
Parent Long Name: Esophageal Cancer *Format:* Integer
ParentShortName: EsophCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: Esophageal Cancer - Pathology Margins *SeqNo:* 1650
Short Name: **EsophCAPathMarg** *Core:* Yes
Section Name: Diagnosis (Category of Disease) and Procedures *Harvest:* Yes
DBTableName Operations
Definition: Indicate whether pathology report indicated positive surgical margins?
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Esophageal Cancer *Format:* Text (categorical values specified by STS)
ParentShortName: EsophCancer *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Postoperative Events Occurred *SeqNo:* 1710
Short Name: **POEvents** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced a postoperative event at any time during this hospital visit regardless of length of stay, and/or events that occur within 30 days of surgery if discharged from the hospital.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Unexpected Return To The OR *SeqNo:* 1720
Short Name: **ReturnOR** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was unexpectedly returned to the OR during this hospital visit.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Reason for Unexpected Return to the OR *SeqNo:* 1730
Short Name: **ReturnORRsn** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes
DBTableName Operations
Definition: Indicate the primary reason the patient returned to the OR.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Unexpected Return To The OR *Format:* Text (categorical values specified by STS)
ParentShortName: ReturnOR *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---|
| 1 | Bleeding |
| 2 | Anastomatic Leak following esophageal surgery |
| 3 | Bronchopleural Fistula |
| 4 | Empyema |
| 5 | Chylothorax, reoperation requiring surgical ligation of thoracic duct |
| 7 | Conduit necrosis/failure following esophagael surgery |
| 6 | Other |

Long Name: Air Leak Greater Than Five Days *SeqNo:* 1750
Short Name: **AirLeak5** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes
DBTableName Operations
Definition: Indicate whether the patient experienced a postoperative air leak for more than five days.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |

2 No

Long Name: Atelectasis Requiring Bronchoscopy *SeqNo:* 1760

Short Name: **Atelectasis** *Core:* Yes

Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced atelectasis requiring a bronchoscopy in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Post-op-Pleural Effusion Requiring Drainage *SeqNo:* 1770

Short Name: **CPIEff** *Core:* Yes

Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a postoperative pleural effusion required drainage via thoracentesis or chest tube insertion.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Pneumonia *SeqNo:* 1780
Short Name: **Pneumonia** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient experienced pneumonia in the postoperative period. Pneumonia is defined as meeting three of five characteristics: fever, leucocytosis, CXR with infiltrate, positive culture from sputum, or treatment with antibiotics.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Adult Respiratory Distress Syndrome *SeqNo:* 1790
Short Name: **ARDS** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has evidence of ARDS (Adult respiratory distress syndrome). According to the American-European consensus conference, a diagnosis of ARDS is assigned if all of the following criteria are present:

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

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Respiratory Failure *SeqNo:* 1800
Short Name: **RespFail** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced respiratory failure in the postoperative period requiring mechanical ventilation and/or reintubation.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Bronchopleural Fistula *SeqNo:* 1810
Short Name: **Bronchopleural** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Pulmonary Embolus *SeqNo:* 1820
Short Name: **PE** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Pneumothorax *SeqNo:* 1830
Short Name: **Pneumo** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced a postoperative pneumothorax requiring chest tube reinsertion.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Initial Vent Support >48 Hours *SeqNo:* 1840
Short Name: **Vent** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient initially was ventilated greater than 48 hours in the postoperative period.

If the patient is reintubated, 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.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Reintubate *SeqNo:* 1850
Short Name: **Reintube** *Core:* No
Section Name: Post-Operative Events *Harvest:* No

DBTableName Operations

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

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Tracheostomy *SeqNo:* 1860
Short Name: **Trach** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient required a tracheostomy in the postoperative period whether performed in the ICU or the OR.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Tracheobronchial Injury *SeqNo:* 1861
Short Name: **TrachBronchInj** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a tracheobronchial injury occurred.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Other Pulmonary Event *SeqNo:* 1870
Short Name: **OtherPul** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether another pulmonary event occurred in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Atrial Arrhythmia Requiring Treatment *SeqNo:* 1880
Short Name: **AtrialArryth** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient had a new onset of atrial fibrillation/flutter (AF) requiring treatment. Does not include recurrence of AF which had been present preoperatively.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Ventricular Arrhythmia Requiring Treatment *SeqNo:* 1890
Short Name: **VentArryth** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient, in the postoperative period, experienced sustained ventricular tachycardia and/or ventricular fibrillation that has been clinically documented and treated with any of the following treatment modalities:

1. ablation therapy
2. AICD
3. permanent pacemaker
4. pharmacologic treatment
5. cardioversion

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Myocardial Infarct *SeqNo:* 1900
Short Name: **MI** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient experienced a MI postoperatively as evidenced by:

1. Transmural infarction: Defined by the appearance of a new Q wave in two or more contiguous leads on ECG, or
2. Subendocardial infarction: (non-Q wave) Infarction, which is considered present in a patient having clinical, angiographic, electrocardiographic, and/or
3. Laboratory biomarker (CPK, Troponin) evidence of myocardial necrosis with an ECG showing no new Q waves

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: DVT Requiring Treatment *SeqNo:* 1910
Short Name: **DVT** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient has experienced a deep venous thrombosis (DVT) confirmed by doppler study, contrast study, or other study that required treatment.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Other Cardiovascular Event *SeqNo:* 1920
Short Name: **OtherCV** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether any other CV event occurred including distal arterial embolism in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Gastric Outlet Obstruction *SeqNo:* 1930
Short Name: **GastricOutlet** *Core:* No
Section Name: Post-Operative Events *Harvest:* No

DBTableName Operations

Definition: Indicate whether the patient experienced a gastric outlet obstruction requiring intervention (e.g., IV for dehydration, endoscopy and dilation, reoperation, etc.) in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Ileus *SeqNo:* 1940
Short Name: **Ileus** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced an ileus lasting > 3 days as defined by limited GI motility requiring treatment (e.g., nasogastric tube insertion for decompression, etc.) in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Anastomosis Requiring Medical Treatment Only *SeqNo:* 1950
Short Name: **AnastoMed** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced an esophageal anastomosis leak that required medical management only (i.e., interventional radiation (IR) drainage, NPO, antibiotics, etc.) If a leak 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".

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Dilation Of The Esophagus *SeqNo:* 1970
Short Name: **DilationEsoph** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient required dilation of the esophagus within the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Conduit Necrosis Requiring Surgery *SeqNo:* 1971
Short Name: **CondNecSurg** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a conduit necrosis/failure occurred requiring surgery.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Delayed Conduit Emptying Requiring Intervention *SeqNo:* 1972
Short Name: **DelayCondEmp** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether delayed conduit emptying required intervention such as pyloric dilation, botox injection, and/or maintenance of NG drainage for more than seven days.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Clostridium Difficile Infection *SeqNo:* 1973
Short Name: **CDiff** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether a clostridium difficile infection developed in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Any Other GI Event *SeqNo:* 1980
Short Name: **OtherGI** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate if the patient experienced any other GI events in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Postoperative Packed Red Blood Cells *SeqNo:* 1990
Short Name: **PostopPRBC** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient received packed Red Blood Cells (RBC) postoperatively.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Postoperative Packed Red Blood Cells - Units *SeqNo:* 2000
Short Name: **PostopPRBCUnits** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes
DBTableName Operations
Definition: Indicate the number of packed RBC units the patient received postoperatively prior to discharge.
LowValue: 1 *UsualRangeLow:* 1
HighValue: 50 *UsualRangeHigh:* 10
Parent Long Name: Postoperative Packed Red Blood Cells *Format:* Integer
ParentShortName: PostopPRBC *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Long Name: Urinary Tract Infection *SeqNo:* 2010
Short Name: **UTI** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes
DBTableName Operations
Definition: Indicate if the patient experienced a urinary tract infection (with positive urine cultures postoperatively) requiring treatment.
LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Urinary Retention *SeqNo:* 2020
Short Name: **UrinRetent** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced urinary retention requiring catheterization.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Discharged With Foley Catheter *SeqNo:* 2030

Short Name: **DischFoley** *Core:* Yes

Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was discharged with a Foley Catheter in place.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Empyema Requiring Treatment *SeqNo:* 2040
Short Name: **Empyema** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced an empyema requiring treatment in the postoperative period (i.e., chest tube drainage by interventional radiology, etc.).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Surgical Site Infection *SeqNo:* 2060
Short Name: **SurgSiteInfect** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate the extent of surgical site infection if one was present within 30 days of surgery.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 None

2 Superficial

3 Deep

4 Organ space (intra-abdominal abscess, mediastinitis)

Long Name: Sepsis *SeqNo:* 2070
Short Name: **Sepsis** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced sepsis (septicemia) requiring positive blood cultures in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Other Infection Requiring IV Antibiotics *SeqNo:* 2080
Short Name: **OtherInfect** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced any other infection requiring IV antibiotics.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: New Central Neurological Event *SeqNo:* 2090
Short Name: **CentNeuroEvt** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced any of the following neurological events in the postoperative period that was not present preoperatively:
 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.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Recurrent Laryngeal Nerve Paresis *SeqNo:* 2100
Short Name: **RecLarynParesis** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced in the postoperative period, paresis or paralysis of the recurrent laryngeal nerve that was not identified during the preoperative evaluation.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)
ParentShortName: POEvents *DataLength:*
ParentValue: = "Yes" *Data Source:* User
ParentHarvestCodes: 1

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Yes
2	No

Long Name: Delirium *SeqNo:* 2110
Short Name: **Delirium** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced delirium in the postoperative period marked by illusions, confusion, cerebral excitement, and having a comparatively short course.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Other Neurological Event *SeqNo:* 2120
Short Name: **OtherNeuro** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced any other neurologic event in the postoperative period.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Renal Failure - RIFLE Criteria *SeqNo:* 2140
Short Name: **RenFailRIFLE** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient had acute renal failure or worsening renal function resulting in ONE OR BOTH of the following:

1. Increase in serum creatinine level 3.0 x greater than baseline, or serum creatinine level ≥ 4 mg/dL. Acute rise must be at least 0.5 mg/dl
2. A new requirement for dialysis postoperatively.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Chylothorax Requiring Medical Intervention *SeqNo:* 2150
Short Name: **ChyloMed** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced a chylothorax in the postoperative period that required medical intervention (i.e., NPO, TPN, etc.).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Other events requiring OR with general anesthesia *SeqNo:* 2170
Short Name: **OtherSurg** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient experienced any other surgical events in the post-operative period requiring a procedure with general anesthesia.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Unexpected Admission To ICU *SeqNo:* 2180
Short Name: **UnexpectAdmitICU** *Core:* Yes
Section Name: Post-Operative Events *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether there was an unplanned transfer of the patient to the ICU due to deterioration in the condition of the patient.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Postoperative Events Occurred *Format:* Text (categorical values specified by STS)

ParentShortName: POEvents *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

1 Yes

2 No

Long Name: Discharge Date *SeqNo:* 2190
Short Name: **DischDt** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Date in mm/dd/yyyy format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Discharge Status *SeqNo:* 2200
Short Name: **MtDCStat** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	Alive
2	Dead

Long Name: Discharge Location *SeqNo:* 2210
Short Name: **DisLoctn** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

Definition: Indicate the location to where the patient was discharged.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Discharge Status *Format:* Text (categorical values specified by STS)

ParentShortName: MtDCStat *DataLength:*

ParentValue: = "Alive" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---|
| 1 | Home |
| 2 | Extended Care/Transitional
Care Unit/Rehab |
| 3 | Other Hospital |
| 4 | Nursing Home |
| 5 | Hospice |
| 777 | Other |

Long Name: Discharged With Chest Tube *SeqNo:* 2220
Short Name: **CTubeDis** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient was discharged with a chest tube for persistent air leak or to drain a postoperative effusion.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Discharge Status *Format:* Text (categorical values specified by STS)

ParentShortName: MtDCStat *DataLength:*

ParentValue: = "Alive" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: Readmission within 30 days of Discharge *SeqNo:* 2230
Short Name: **Readm30Dis** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether patient was readmitted to any hospital within 30 days of discharge.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Discharge Status *Format:* Text (categorical values specified by STS)

ParentShortName: MtDCStat *DataLength:*

ParentValue: = "Alive" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No
- 3 Unknown

Long Name: Readmission Related To Operative Procedure *SeqNo:* 2231
Short Name: **Readm30DisRel** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the readmission was related to this operation.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: Readmission within 30 days of Discharge *Format:* Text (categorical values specified by STS)

ParentShortName: Readm30Dis *DataLength:*

ParentValue: = "Yes" *Data Source:* User

ParentHarvestCodes: 1

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No
- 3 Unknown

Long Name: Status 30 Days After Surgery *SeqNo:* 2240
Short Name: **Mt30Stat** *Core:* Yes
Section Name: Discharge *Harvest:* Yes

DBTableName Operations

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

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 Alive
- 2 Dead
- 3 Unknown

Long Name: Date Of Death *SeqNo:* 2250
Short Name: **MtDate** *Core:* No
Section Name: Discharge *Harvest:* No

DBTableName Operations

Definition: Indicate the date the patient died (even after discharge, if known).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Date in mm/dd/yyyy format

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Long Name: IV Antibiotics Ordered Within One Hour *SeqNo:* 2290
Short Name: **IVAntibioOrdered** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether an order for IV antibiotics to be given within one hour of the skin incision was given.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|-----------------------------|
| 1 | Yes |
| 2 | No |
| 3 | Not indicated for procedure |

Long Name: IV Antibiotics Given Within One Hour *SeqNo:* 2300
Short Name: **IVAntibioGiven** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether IV antibiotics were given within one hour of the skin incision.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|-----------------------------|
| 1 | Yes |
| 2 | No |
| 3 | Not indicated for procedure |

Long Name: Cephalosporin Antibiotic Ordered *SeqNo:* 2310
Short Name: **CephalAntiOrdered** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether an order for first or second-generation cephalosporin antibiotic or appropriate therapeutic substitute (in case of allergy) for prophylaxis was given.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No
- 3 Not indicated for procedure
- 4 Documented allergy or indication for therapeutic substitution (such as vancomycin)

Long Name: Prophylactic Antibiotics Discontinuation Ordered *SeqNo:* 2320
Short Name: **AntibioticDiscOrdered** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether an order to discontinue prophylactic antibiotics within 24 hours of the procedure was given.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No
- 3 No, due to documented

infection

4 Not indicated for this procedure

Long Name: DVT Prophylaxis Measures *SeqNo:* 2330
Short Name: **DVTProphylaxis** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether prophylactic measures (TED stockings, pneumatic compression devices and/or subcutaneous heparin or low molecular weight heparin) were taken to prevent DVT. Select "Not applicable" if not indicated, or due to documented DVT or contraindications to all methods of prophylaxis.

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

2 No

3 Not applicable

Long Name: Smoking Cessation Counseling *SeqNo:* 2340
Short Name: **SmokCoun** *Core:* Yes
Section Name: Quality Measures *Harvest:* Yes

DBTableName Operations

Definition: Indicate whether the patient received cigarette smoking cessation counseling (must include oral counseling, written material offered to patient, and offer of referral to smoking cessation program).

LowValue: *UsualRangeLow:*

HighValue: *UsualRangeHigh:*

Parent Long Name: *Format:* Text (categorical values specified by STS)

ParentShortName: *DataLength:*

ParentValue: *Data Source:* User

ParentHarvestCodes:

Harvest Codes:

Code: Value:

1 Yes

- 2 No
- 3 Patient refused
- 4 Nonsmoker

Long Name: Temporary Yes/No Field #1 *SeqNo:* 2341
Short Name: **TempYN1** *Core:* Yes
Section Name: STS Temporary Fields *Harvest:* Yes

DBTableName Operations

Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: Temporary Yes/No Field #2 *SeqNo:* 2342
Short Name: **TempYN2** *Core:* Yes
Section Name: STS Temporary Fields *Harvest:* Yes

DBTableName Operations

Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 1 | Yes |
| 2 | No |

Long Name: Temporary Date Field *SeqNo:* 2343
Short Name: **TempDt** *Core:* Yes
Section Name: STS Temporary Fields *Harvest:* Yes
DBTableName Operations
Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Date in mm/dd/yyyy format
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Long Name: Temporary Coded Field *SeqNo:* 2344
Short Name: **TempCode** *Core:* Yes
Section Name: STS Temporary Fields *Harvest:* Yes
DBTableName Operations
Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text (categorical values specified by STS)
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes:

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

- 11 11
- 12 12
- 13 13
- 14 14
- 15 15
- 16 16
- 17 17
- 18 18
- 19 19
- 20 20

Long Name: Temporary Text Field *SeqNo:* 2345
Short Name: **TempText** *Core:* Yes
Section Name: STS Temporary Fields *Harvest:* Yes

DBTableName Operations

Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.

LowValue: *UsualRangeLow:*
HighValue: *UsualRangeHigh:*
Parent Long Name: *Format:* Text
ParentShortName: *DataLength:*
ParentValue: *Data Source:* User
ParentHarvestCodes: