

# STS General Thoracic Database Data Specifications

Version 2.2

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

**- A Data Collection Form must be created for each operation.**

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

STS General Thoracic Database

Version: 2.2

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<i>Long Name:</i>	Operations Table Record Identifier	<i>SeqNo:</i>	10
<i>Short Name:</i>	<b>RecordID</b>	<i>Core:</i>	Yes
<i>Section Name:</i>	Database Administration	<i>Harvest:</i>	Yes
<i>DBTableName</i>	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.

<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	Automatic

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<i>Long Name:</i>	Procedures Table Record Identifier	<i>SeqNo:</i>	20
<i>Short Name:</i>	<b>RecordID</b>	<i>Core:</i>	Yes
<i>Section Name:</i>	Database Administration	<i>Harvest:</i>	Yes
<i>DBTableName</i>	Procedures		

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

<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>		<i>Format:</i>	Text
<i>ParentShortName:</i>		<i>DataLength:</i>	
<i>ParentValue:</i>		<i>Data Source:</i>	Automatic

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*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

*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

*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

*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

*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

*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

*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

*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 length 11  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

*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

*Long Name:* Patient's Middle Initial *SeqNo:* 120  
*Short Name:* **PatMInit** *Core:* Yes  
*Section Name:* Demographics *Harvest:* Optional  
*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

*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

*Long Name:* Social Security Number *SeqNo:* 140  
*Short Name:* **SSN** *Core:* Yes  
*Section Name:* Demographics *Harvest:* Optional

*DBTableName* Demographics

*Definition:* Indicate the nine-digit Patient's Social Security Number (SSN). Although this is the Social Security Number in the USA, other countries may have a different National Patient Identifier Number. For example in Canada, this would be the Social Insurance Number. This field should be collected in compliance with state/local privacy laws.

*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* *Format:* Text length 11  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

*Long Name:* STS Trial Link Number *SeqNo:* 150  
*Short Name:* **STSTLink** *Core:* Yes  
*Section Name:* Demographics *Harvest:* Yes

*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

*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

*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

*Long Name:* Zip 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 length 10  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

*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

Harvest Codes:

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



*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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

Harvest Codes:

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

*Long Name:* Race - Asian *SeqNo:* 220  
*Short Name:* **RaceAsian** *Core:* Yes  
*Section Name:* Demographics *Harvest:* 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)

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

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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

Harvest Codes:

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

*Long Name:* Race Unknown *SeqNo:* 260  
*Short Name:* **RaceUnk** *Core:* Yes  
*Section Name:* Demographics *Harvest:* Yes

*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

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

Harvest Codes:

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

*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

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:* *Format:* Date in mm/dd/yyyy format

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

*Long Name:* Payor - Government Health Insurance *SeqNo:* 300  
*Short Name:* **PayorGov** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* 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.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Payor - Government Health Insurance - Medicare *SeqNo:* 310  
*Short Name:* **PayorGovMcare** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicare.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

*Parent Long Name:* Payor - Government Health Insurance *Format:* Text (categorical values specified by STS)

*ParentShortName:* PayorGov *DataLength:*

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

Harvest Codes:

Code: Value:

1 Yes

2 No



*Long Name:* Medicare Fee For Service *SeqNo:* 320  
*Short Name:* **MedicareFFS** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the patient is a Medicare Fee For Service (FFS) patient.

Medicare FFS = Medicare Part B.

*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* Payor - Government Health Insurance - Medicare *Format:* Text (categorical values specified by STS)  
*ParentShortName:* PayorGovMcare *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

Harvest Codes:

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

*Long Name:* Health Insurance Claim Number *SeqNo:* 330  
*Short Name:* **HICNumber** *Core:* No  
*Section Name:* Admission *Harvest:* No

*DBTableName* Demographics

*Definition:* 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.

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

*Long Name:* Medicare Health Insurance Claim Number *SeqNo:* 331  
*Short Name:* **MHICNumber** *Core:* Yes  
*Section Name:* Admission *Harvest:* Optional

*DBTableName* Operations

*Definition:* 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.

*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* Payor - Government Health Insurance - Medicare *Format:* Text  
*ParentShortName:* PayorGovMcare *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

*Long Name:* Payor - Government Health Insurance - Medicaid *SeqNo:* 340  
*Short Name:* **PayorGovMcaid** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicaid

*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* Payor - Government Health Insurance *Format:* Text (categorical values specified by STS)  
*ParentShortName:* PayorGov *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

Harvest Codes:

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

*Long Name:* Payor - Government Health Insurance - Military Health Care *SeqNo:* 350  
*Short Name:* **PayorGovMil** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the government insurance used by the patient to pay for part or all of this admission included Military Health Care.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

*Parent Long Name:* Payor - Government Health Insurance *Format:* Text (categorical values specified by STS)

*ParentShortName:* PayorGov *DataLength:*

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Payor - Government Health Insurance - State-Specific Plan *SeqNo:* 360  
*Short Name:* **PayorGovState** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the government insurance used by the patient to pay for part or all of this admission included State-Specific Plan.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

*Parent Long Name:* Payor - Government Health Insurance *Format:* Text (categorical values specified by STS)

*ParentShortName:* PayorGov *DataLength:*

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Payor - Government Health Insurance - Indian Health Service *SeqNo:* 370  
*Short Name:* **PayorGovIHS** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the government insurance used by the patient to pay for part or all of this admission included Indian Health Service.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

*Parent Long Name:* Payor - Government Health Insurance *Format:* Text (categorical values specified by STS)

*ParentShortName:* PayorGov *DataLength:*

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

Harvest Codes:

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

*Long Name:* Payor - Commercial Health Insurance *SeqNo:* 380  
*Short Name:* **PayorCom** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* 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).

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

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

*Long Name:* Payor - Health Maintenance Organization *SeqNo:* 390  
*Short Name:* **PayorHMO** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* 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.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

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

*Long Name:* Payor - Non-U.S. Insurance *SeqNo:* 400  
*Short Name:* **PayorNonUS** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether any non-U.S. insurance was used by the patient to pay for part or all of this admission.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

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

*Long Name:* Payor - None / Self *SeqNo:* 410  
*Short Name:* **PayorNS** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes

*DBTableName* Operations

*Definition:* 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.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

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 surgeon's name. This field must have controlled data entry where a user selects the SurgeonName from a user list. This will remove variation in spelling, abbreviations and punctuation within the field.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

*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.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

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

*DBTableName* Operations

*Definition:* Indicate the group-level Taxpayer Identification Number for the Taxpayer holder of record for the Surgeon's National Provider Identifier that performed the procedure.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* Lookup

*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) length must be sufficient to hold full hospital name

*ParentShortName:*

*DataLength:*

*ParentValue:*

*Data Source:* User

*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 length 10

*ParentShortName:*

*DataLength:*

*ParentValue:*

*Data Source:* Automatic or User



*Long Name:* Hospital State *SeqNo:* 470  
*Short Name:* **HospStat** *Core:* Yes  
*Section Name:* Admission *Harvest:* Yes  
*DBTableName* Operations  
*Definition:* Indicate the abbreviation of the state or province in which the hospital is located.  
*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* *Format:* Text - Length exactly 2  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* Lookup

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

*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

---

*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

---

*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

---

*Long Name:* Hypertension *SeqNo:* 520  
*Short Name:* **Hypertn** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether the patient has a diagnosis of hypertension, documented by one of the following:  
 a. Documented history of hypertension diagnosed and treated with medication, diet and/or exercise  
 b. Prior documentation of blood pressure >140 mmHg systolic or 90 mmHg diastolic for patients without diabetes or chronic kidney disease, or prior documentation of blood pressure >130 mmHg systolic or 80 mmHg diastolic on at least 2 occasions for patients with diabetes or chronic kidney disease  
 c. Currently on pharmacologic therapy to control hypertension

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

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

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 whether, within 2 weeks prior to the primary surgical procedure, a physician has diagnosed that the patient is currently in congestive heart failure (CHF).

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. A low ejection fraction without clinical evidence of heart failure does not qualify as heart failure.

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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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 Vascular Disease, as indicated by claudication either with exertion or rest; amputation for arterial insufficiency; aorto-iliac occlusive disease reconstruction; peripheral vascular bypass surgery, angioplasty, or stent; documented AAA, AAA repair, or stent; positive non-invasive testing documented. Does not include procedures such as vein stripping, carotid disease, or procedures originating above the diaphragm.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

Code: Value:

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

Harvest Codes:

Code: Value:

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

Harvest Codes:

Code: Value:

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

Harvest Codes:

Code: Value:

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

Harvest Codes:

Code: Value:

- 1 Yes
- 2 No

*Long Name:* Preoperative Thoracic Radiation Therapy - Disease And When Treated *SeqNo:* 610  
*Short Name:* **PreopXRDisWhen** *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

Harvest Codes:

Code: Value:

- 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

Harvest Codes:

Code: Value:

- 1 No CVD history
- 2 Any reversible event
- 3 Any irreversible event



*Long Name:* Pulmonary Hypertension *SeqNo:* 630  
*Short Name:* **PulmHypertn** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether Pulmonary Artery Pressure (PAP) is  $\geq 45$  or there is physician documentation of a history of pulmonary hypertension.

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

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u>                   |
|--------------|---------------------------------|
| 1            | Yes                             |
| 2            | No                              |
| 3            | Not applicable (not documented) |

*Long Name:* Diabetes *SeqNo:* 640  
*Short Name:* **Diabetes** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* Yes

*DBTableName* Operations

*Definition:* Indicate whether patient has a history of diabetes diagnosed and/or treated by a physician. Do not include gestational diabetes.

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

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

Harvest Codes:

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

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

*DBTableName* Operations

*Definition:* Indicate the diabetic control 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

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u>             |
|--------------|---------------------------|
| 1            | None                      |
| 2            | Diet                      |
| 3            | Oral or other non-insulin |
| 4            | Insulin                   |

*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 ultrafiltration.

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

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:* Automatic

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

*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

Harvest Codes:

Code: Value:

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:* 5.0 *UsualRangeLow:* 8.0

*HighValue:* 20.0 *UsualRangeHigh:* 16.0

*Parent Long Name:* Hemoglobin Level Measured *Format:* Real

*ParentShortName:* HemoglobinMeasured *DataLength:*

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

*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

Harvest Codes:

Code: Value:

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.

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

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

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u>  |
|--------------|--|
| 1            | Never smoked   |
| 2            | Past smoker (stopped more than 1 month prior to operation) |
| 3            | Current smoker   |

*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

Harvest Codes:

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

*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

Harvest Codes:

Code: Value:

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 *Format:* Text (categorical values  
 Performed specified by STS)  
*ParentShortName:* PFT *DataLength:*  
*ParentValue:* = "No" *Data Source:* User

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 *Format:* Text (categorical values  
 Performed specified by STS)  
*ParentShortName:* PFT *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u> |
|--------------|---------------|
| 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:* 150 *UsualRangeHigh:*  
*Parent Long Name:* Forced Expiratory Volume *Format:* Integer  
Test Performed  
*ParentShortName:* FEV *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

---

*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 *Format:* Text (categorical values  
Performed specified by STS)  
*ParentShortName:* PFT *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

## Harvest Codes:

Code: Value:

- 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:* 150 *UsualRangeHigh:*  
*Parent Long Name:* DLCO Test Performed *Format:* Integer  
*ParentShortName:* DLCO *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

*Long Name:* Zubrod Score *SeqNo:* 820  
*Short Name:* **Zubrod** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* 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.  
*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* Automatic or User

## 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

Harvest Codes:

Code: Value:

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

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

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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Clinical Staging Method - Lung - CT *SeqNo:* 900  
*Short Name:* **ClinStagLungCT** *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 Lung Cancer *Format:* Text (categorical values specified by STS)

*ParentShortName:* ClinStagDoneLung *DataLength:*

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Clinical Staging Method - Lung - VATS *SeqNo:* 910  
*Short Name:* **ClinStagLungVATS** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* Yes

*DBTableName* Operations

*Definition:* Was a Video Assisted Thoroscopic 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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Clinical Staging Method - Lung-Other *SeqNo:* 921  
*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

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

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

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

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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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

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

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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

Harvest Codes:

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

*Long Name:* Clinical Staging Lung Tumor Invasive Mediastinum *SeqNo:* 1030  
*Short Name:* **ClinStageLungTInvMe** *Core:* Yes  
**d**  
*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  
Adjacent Structures specified by STS)  
*ParentShortName:* LCInvAdjStr *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Clinical Staging Lung Tumor Invasion Great Vessels *SeqNo:* 1050  
*Short Name:* **ClinStageLungTInvGr** *Core:* Yes  
**Ves**  
*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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Clinical Staging Lung Tumor Invasive Recurrent Laryngeal Nerve *SeqNo:* 1070  
*Short Name:* **ClinStageLungTInvRL** *Core:* Yes  
**N**  
*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

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

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

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

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

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

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 For Lung Cancer *Format:* Text (categorical values specified by STS)  
*ParentShortName:* ClinStagDoneLung *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

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

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

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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

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

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

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

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 For Esophageal Cancer *Format:* Text (categorical values specified by STS)

*ParentShortName:* ClinStagDoneEsoph *DataLength:*

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

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 For Esophageal Cancer *Format:* Text (categorical values specified by STS)

*ParentShortName:* ClinStagDoneEsoph *DataLength:*

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

Harvest Codes:

Code: Value:

1 Yes

2 No



*Long Name:* Clinical Staging Method - Esophageal - Other *SeqNo:* 1241  
*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

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

Harvest Codes and Value Definitions:

Code: Value:

1 T0

2 Tis

9 T1

5 T2

6 T3

10 T4

Definition:

No evidence of primary tumor

High grade dysplasia

Tumor invades lamina propria, mucosa or submucosa

Tumor invades muscularis propria

Tumor invades adventitia

Tumor invades adjacent structures

*Long Name:* Esophageal Cancer Nodes - N *SeqNo:* 1260  
*Short Name:* **ClinStageEsophN** *Core:* Yes  
*Section Name:* Pre-Operative Evaluation *Harvest:* Yes

*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

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

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:* Clinical Staging - Esophageal Cancer - H *SeqNo:* 1280

*Short Name:* **ClinStageEsophH** *Core:* No

*Section Name:* Pre-Operative Evaluation *Harvest:* No

*DBTableName* Operations

*Definition:* Indicate the appropriate descriptor for the esophageal cancer histopathologic type.

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

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* EsophCancer *DataLength:*

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
1	H1 (Squamous carcinoma)
2	H2 (Adenocarcinoma)

*Long Name:* Clinical Staging - Esophageal Cancer - G *SeqNo:* 1290

*Short Name:* **ClinStageEsophG** *Core:* No

*Section Name:* Pre-Operative Evaluation *Harvest:* No

*DBTableName* Operations

*Definition:* Indicate the appropriate descriptor for the esophageal cancer histologic grade.

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

*LowValue:* *UsualRangeLow:*

*HighValue:* *UsualRangeHigh:*

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

*ParentShortName:* EsophCancer *DataLength:*

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

Harvest Codes:

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

5 G4 (Undifferentiated)

*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

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u>   |
|--------------|---|
| 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)
- 130 Lung tumor, metastatic  
(197.0, C78.00)
- 140 Lung tumor, benign (212.3,  
D14.30)
- 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)
- 1060 Acute respiratory failure  
(518.81, J96.00)
- 300 Hemothorax (511.8, J94.2)
- 1070 Pulmonary sequestration  
(748.5, Q33.2)
- 290 Pulmonary insufficiency  
following surgery/trauma  
(ARDS) (518.5, J95.82)
- 310 Lung nodule, benign (not a  
tumor, e.g., granuloma,  
subpleural lymph node,  
pulmonary infarct) (518.89,  
J98.4)
- 200 Lung abscess (513.0, J85.2)
- 1080 Gangrene and necrosis of  
lung (513.0, J85.0)
- 210 Pneumothorax (512.8, J93.1)
- 220 Bronchiectasis (494.0, J47.9)
- 230 Empyema with fistula (510.0,  
J86.0)
- 240 Empyema without fistula  
(510.9, J86.9)

- 250 Emphysema (492.8, J43.8)
- 260 Emphysematous bleb (492.0, J43.9)
- 270 Interstitial lung disease/fibrosis (516.3, J84.1)
- 280 Pneumonia (486.0, J18.9)
- 320 Mediastinitis (519.2, J98.5)
- 1090 Mediastinal abscess (513.1, J85.3)
- 440 Mediastinal cyst, Bronchogenic (519.3, J98.5)
- 450 Mediastinal cyst, Foregut duplication (519.3, J98.5)
- 330 Mediastinal nodes, metastatic (196.1, C77.1)
- 430 Myasthenia gravis (358.0, G70.00)
- 360 Anterior mediastinal tumor-metastatic (197.1, C78.1)
- 370 Anterior mediastinal tumor-benign-(e.g., teratoma) (212.5, D15.2)
- 380 Anterior mediastinal tumor-thymus tumor (thymoma, thymic carcinoma) (164.0, C37)
- 350 Anterior mediastinal tumor primary(germ cell cancer, seminoma) (164.2, C38.1)
- 460 Mediastinal cyst, Pericardial (519.3, J98.5)
- 470 Mediastinal cyst, Thymic (519.3, J98.5)
- 340 Mediastinal nodes, benign (229.0, D36.0)
- 390 Lymphoma, intrathoracic (202.82, C85.92)
- 400 Posterior mediastinal malignant tumor- primary (164.3, C38.2)
- 410 Posterior mediastinal tumor-metastatic (197.1, C78.1)
- 420 Posterior mediastinal tumor-benign(neurogenic)(212.5,D15.2)
- 830 Goiter, nodular (241.9, E04.9)

- 840 Thyroid neoplasm, malignant  
(193.0, C73)
- 850 Thyroid neoplasm, benign  
(226.0, D34)
- 480 Pleural effusion sterile (511.9,  
J90)
- 490 Pleural effusion, infected-  
(empyema) (511.1, J86.9)
- 500 Pleural effusion, malignant  
(197.2, C78.2)
- 510 Pleural tumor, malignant  
(e.g., mesothelioma)(163.9,  
C45.0)
- 520 Pleural tumor, metastatic  
(197.2, C78.2)
- 530 Pleural tumor, benign (212.4,  
D19.0)
- 540 Pleural thickening (511.0,  
J94.9)
- 550 Pectus excavatum (754.81,  
Q67.6)
- 560 Pectus carinatum (754.82,  
Q67.7)
- 570 Sternal tumor, malignant  
(170.3, C41.3)
- 580 Sternal tumor, metastatic  
(198.5, C79.51)
- 600 Rib tumor, malignant-(e.g.,  
osteosarcoma,  
chondrosarcoma) (170.3,  
C41.3)
- 610 Rib tumor, metastatic (198.5,  
C79.51)
- 620 Rib tumor, benign-(e.g.,  
fibrous dysplasia) (213.3,  
D16.7)
- 630 Thoracic outlet syndrome  
(353.0, G54.0)
- 590 Sternal tumor, benign (213.3,  
D16.7)
- 1100 Diaphragmatic hernia without  
obstruction or gangrene  
(553.3, K44.9)
- 1110 Diaphragmatic hernia with  
gangrene (551.3, K44.1)
- 1120 Diaphragmatic hernia with

- obstruction, without gangrene  
(552.3, K44.0)
- 640 Diaphragmatic paralysis  
(519.4, J98.6)
- 650 Diaphragm tumor, malignant  
(171.4, C49.3)
- 660 Diaphragm tumor, metastatic  
(198.89, C79.89)
- 670 Diaphragm tumor, benign  
(215.4, D21.3)
- 680 Esophageal cancer-lower  
third (150.5, C15.5)
- 690 Esophageal cancer, middle  
third (150.4, C15.4)
- 700 Esophageal cancer, upper  
third (150.3, C15.3)
- 710 Esophageal cancer,  
esophagogastric junction  
(cardia) (151.0, C16.0)
- 1130 Malignant other part  
esophagus (150.8, C15.8)
- 1140 Malignant neo stomach  
unspecified (151.9, C16.9)
- 720 Esophageal tumor-benign  
(i.e., leiomyoma) (211.0,  
D13.0)
- 730 Esophageal stricture (530.3,  
K22.2)
- 740 Barrett's esophagus (530.85,  
K22.70)
- 1150 Barrett's esophagus with  
High Grade Dysplasia  
(530.85, K22.711)
- 750 Achalasia of esophagus  
(530.0, K22.0)
- 800 Tracheoesophageal fistula  
(530.84, J86.)
- 810 Gastric outlet obstruction,  
pyloric stenosis, acquired  
(537.0, K31.1)
- 1160 Esophagitis (530.1, K20.9)
- 1170 Reflux esophagitis (530.11,  
K21.0)
- 1180 Stricture and stenosis of  
esophagus (530.3, K22.2)
- 1190 Dyskinesia/spasm of



- esophagus (530.5, K22.4)
- 1200 Mallory Weiss tear (530.7, K22.6)
- 1210 Foreign body esophagus (935.1, T18.108a)
- 1220 Ulcer esophagus without bleeding (530.2, K22.10)
- 1230 Ulcer esophagus with bleeding (530.21, K22.11)
- 760 Esophageal perforation (530.4, K22.3)
- 770 Zenkers diverticulum (530.6, K22.5)
- 780 Epiphrenic diverticulum (530.6, K22.5)
- 790 Esophageal reflux (GERD) (530.81, K21.9)
- 820 Acquired absence of esophagus ( post esophagectomy) (V45.79, Z90.89)
- 860 Rib fracture (807.0, S22.39xa)
- 1240 Multiple rib fractures (807.0, S22.49xa)
- 870 Sternal fracture (807.2, S22.20xa)
- 880 Flail chest (807.4, S22.5xxa)
- 890 Tracheal injury (807.5, S12.8xxa)
- 900 Traumatic pneumothorax (860.0, S27.0xxa)
- 980 Pericarditis with effusion (420.9, I30.9)
- 990 Pericardial effusion, malignant (198.89, C79.89)
- 1000 SVC Syndrome (459.2, I87.1)
- 1250 Hyperhidrosis, focal axilla (705.21, L74.510)
- 1260 Hyperhidrosis, focal, face (705.21, L74.511)
- 1270 Hyperhidrosis, focal, palms (705.21, L74.512)
- 1290 Chylothorax (457.8, I89.8)
- 1020 Lymphadenopathy (785.6, R59.9)

- 1030 Abnormal radiologic finding  
(793.1, R91)
- 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:* 150  
*ParentValue:* = "Other unlisted category of disease" *Data Source:* User

*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:* 50  
*ParentValue:* = "Other unlisted category of disease" *Data Source:* User

*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:* Not null *Data Source:* User

## Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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)
- 130 Lung tumor, metastatic  
(197.0, C78.00)
- 140 Lung tumor, benign (212.3,  
D14.30)
- 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)
- 1060 Acute respiratory failure  
(518.81, J96.00)
- 300 Hemothorax (511.8, J94.2)
- 1070 Pulmonary sequestration  
(748.5, Q33.2)
- 290 Pulmonary insufficiency  
following surgery/trauma  
(ARDS) (518.5, J95.82)
- 310 Lung nodule, benign (not a  
tumor, e.g., granuloma,  
subpleural lymph node,  
pulmonary infarct) (518.89,  
J98.4)
- 200 Lung abscess (513.0, J85.2)
- 1080 Gangrene and necrosis of  
lung (513.0, J85.0)
- 210 Pneumothorax (512.8, J93.1)
- 220 Bronchiectasis (494.0, J47.9)
- 230 Empyema with fistula (510.0,  
J86.0)
- 240 Empyema without fistula  
(510.9, J86.9)
- 250 Emphysema (492.8, J43.8)
- 260 Emphysematous bleb (492.0,  
J43.9)
- 270 Interstitial lung  
disease/fibrosis (516.3, J84.1)
- 280 Pneumonia (486.0, J18.9)
- 320 Mediastinitis (519.2, J98.5)

- 1090 Mediastinal abscess (513.1, J85.3)
- 440 Mediastinal cyst, Bronchogenic (519.3, J98.5)
- 450 Mediastinal cyst, Foregut duplication (519.3, J98.5)
- 330 Mediastinal nodes, metastatic (196.1, C77.1)
- 430 Myasthenia gravis (358.0, G70.00)
- 360 Anterior mediastinal tumor-metastatic (197.1, C78.1)
- 370 Anterior mediastinal tumor-benign-(e.g., teratoma) (212.5, D15.2)
- 380 Anterior mediastinal tumor-thymus tumor (thymoma, thymic carcinoma) (164.0, C37)
- 350 Anterior mediastinal tumor primary(germ cell cancer, seminoma) (164.2, C38.1)
- 460 Mediastinal cyst, Pericardial (519.3, J98.5)
- 470 Mediastinal cyst, Thymic (519.3, J98.5)
- 340 Mediastinal nodes, benign (229.0, D36.0)
- 390 Lymphoma, intrathoracic (202.82, C85.92)
- 400 Posterior mediastinal malignant tumor- primary (164.3, C38.2)
- 410 Posterior mediastinal tumor-metastatic (197.1, C78.1)
- 420 Posterior mediastinal tumor-benign(neurogenic)(212.5,D15.2)
- 830 Goiter, nodular (241.9, E04.9)
- 840 Thyroid neoplasm, malignant (193.0, C73)
- 850 Thyroid neoplasm, benign (226.0, D34)
- 480 Pleural effusion sterile (511.9, J90)
- 490 Pleural effusion, infected-

- (empyema) (511.1, J86.9)
- 500 Pleural effusion, malignant  
(197.2, C78.2)
- 510 Pleural tumor, malignant  
(e.g., mesothelioma)(163.9,  
C45.0)
- 520 Pleural tumor, metastatic  
(197.2, C78.2)
- 530 Pleural tumor, benign (212.4,  
D19.0)
- 540 Pleural thickening (511.0,  
J94.9)
- 550 Pectus excavatum (754.81,  
Q67.6)
- 560 Pectus carinatum (754.82,  
Q67.7)
- 570 Sternal tumor, malignant  
(170.3, C41.3)
- 580 Sternal tumor, metastatic  
(198.5, C79.51)
- 600 Rib tumor, malignant-(e.g.,  
osteosarcoma,  
chondrosarcoma) (170.3,  
C41.3)
- 610 Rib tumor, metastatic (198.5,  
C79.51)
- 620 Rib tumor, benign-(e.g.,  
fibrous dysplasia) (213.3,  
D16.7)
- 630 Thoracic outlet syndrome  
(353.0, G54.0)
- 590 Sternal tumor, benign (213.3,  
D16.7)
- 1100 Diaphragmatic hernia without  
obstruction or gangrene  
(553.3, K44.9)
- 1110 Diaphragmatic hernia with  
gangrene (551.3, K44.1)
- 1120 Diaphragmatic hernia with  
obstruction, without gangrene  
(552.3, K44.0)
- 640 Diaphragmatic paralysis  
(519.4, J98.6)
- 650 Diaphragm tumor, malignant  
(171.4, C49.3)
- 660 Diaphragm tumor, metastatic

- (198.89, C79.89)
- 670 Diaphragm tumor, benign  
(215.4, D21.3)
- 680 Esophageal cancer-lower  
third (150.5, C15.5)
- 690 Esophageal cancer, middle  
third (150.4, C15.4)
- 700 Esophageal cancer, upper  
third (150.3, C15.3)
- 710 Esophageal cancer,  
esophagogastric junction  
(cardia) (151.0, C16.0)
- 1130 Malignant other part  
esophagus (150.8, C15.8)
- 1140 Malignant neo stomach  
unspecified (151.9, C16.9)
- 720 Esophageal tumor-benign  
(i.e., leiomyoma) (211.0,  
D13.0)
- 730 Esophageal stricture (530.3,  
K22.2)
- 740 Barrett's esophagus (530.85,  
K22.70)
- 1150 Barrett's esophagus with  
High Grade Dysplasia  
(530.85, K22.711)
- 750 Achalasia of esophagus  
(530.0, K22.0)
- 800 Tracheoesophageal fistula  
(530.84, J86.)
- 810 Gastric outlet obstruction,  
pyloric stenosis, acquired  
(537.0, K31.1)
- 1160 Esophagitis (530.1, K20.9)
- 1170 Reflux esophagitis (530.11,  
K21.0)
- 1180 Stricture and stenosis of  
esophagus (530.3, K22.2)
- 1190 Dyskinesia/spasm of  
esophagus (530.5, K22.4)
- 1200 Mallory Weiss tear (530.7,  
K22.6)
- 1210 Foreign body esophagus  
(935.1, T18.108a)
- 1220 Ulcer esophagus without

- bleeding (530.2, K22.10)
- 1230 Ulcer esophagus with  
bleeding (530.21, K22.11)
- 760 Esophageal perforation  
(530.4, K22.3)
- 770 Zenkers diverticulum (530.6,  
K22.5)
- 780 Epiphrenic diverticulum  
(530.6, K22.5)
- 790 Esophageal reflux (GERD)  
(530.81, K21.9)
- 820 Acquired absence of  
esophagus ( post  
esophagectomy) (V45.79,  
Z90.89)
- 860 Rib fracture (807.0, S22.39xa)
- 1240 Multiple rib fractures (807.0,  
S22.49xa)
- 870 Sternal fracture (807.2,  
S22.20xa)
- 880 Flail chest (807.4, S22.5xxa)
- 890 Tracheal injury (807.5,  
S12.8xxa)
- 900 Traumatic pneumothorax  
(860.0, S27.0xxa)
- 980 Pericarditis with effusion  
(420.9, I30.9)
- 990 Pericardial effusion,  
malignant (198.89, C79.89)
- 1000 SVC Syndrome (459.2, I87.1)
- 1250 Hyperhidrosis, focal axilla  
(705.21, L74.510)
- 1260 Hyperhidrosis, focal, face  
(705.21, L74.511)
- 1270 Hyperhidrosis, focal, palms  
(705.21, L74.512)
- 1290 Chylothorax (457.8, 189.8)
- 1020 Lymphadenopathy (785.6,  
R59.9)
- 1030 Abnormal radiologic finding  
(793.1, R91)
- 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 - *Format:* Text  
 Secondary  
*ParentShortName:* CategorySecond *DataLength:* 150  
*ParentValue:* = "Other unlisted category of *Data Source:* User  
 disease"

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*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:* 50  
*ParentValue:* = "Other unlisted category of *Data Source:* User  
 disease"

*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

*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

*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

*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

*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:* If patient is extubated in the OR, indicate the time of extubation. If patient remains intubated, indicate the OR exit time as anesthesia end time.  
*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* *Format:* Time in 24-hour hh:mm format  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User

*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

*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

*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

Harvest Codes:

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

*Long Name:* Status *SeqNo:* 1420  
*Short Name:* **Status** *Core:* Yes  
*Section Name:* Diagnosis (Category of Disease) and Procedures *Harvest:* 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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*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

Harvest Codes:

Code: Value:

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

*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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
3980	Tracheostomy (31600)



- 2300 Unlisted procedure, trachea, bronchi (31899)
- 2200 Tracheoplasty; cervical (31750)
- 2210 Tracheoplasty; intrathoracic (31760)
- 2220 Carinal reconstruction (31766)
- 2230 Bronchoplasty; excision stenosis and anastomosis (31775)
- 2240 Excision tracheal stenosis and anastomosis; cervical (31780)
- 2250 Excision tracheal stenosis and anastomosis; cervicothoracic (31781)
- 2260 Excision of tracheal tumor or carcinoma; cervical (31785)
- 2270 Excision of tracheal tumor or carcinoma; thoracic (31786)
- 2280 Suture of tracheal wound or injury; cervical (31800)
- 2290 Suture of tracheal wound or injury; intrathoracic (31805)
- 3880 Partial laryngectomy (31370)
- 2960 Tracheobronchoscopy through established tracheostomy incision (31615)
- 2970 Endobronchial ultrasound (EBUS) during bronchoscopy diagnostic or therapeutic intervention(s) (31620)
- 2980 Bronchoscopy, diagnostic, with or without cell washing (31622)
- 2990 Bronchoscopy, with brushing or protected brushings (31623)
- 3000 Bronchoscopy, with bronchial alveolar lavage (BAL)
- 3010 Bronchoscopy, with bronchial or endobronchial biopsy(s), single or multiple sites (31625)
- 3990 Bronchoscopy, with placement of Fiducial markers (31626)
- 4000 Bronchoscopy, navigational

- (31627)
- 3020 Bronchoscopy, with transbronchial lung biopsy(s), single lobe (31628)
  - 3030 Bronchoscopy, with transbronchial needle aspiration biopsy(s) (31629)
  - 3040 Bronchoscopy, with tracheal/bronchial dilation or closed reduction of fracture (31630)
  - 3050 Bronchoscopy, with placement of tracheal stent(s) (includes tracheal/bronchial dilation as required) (31631)
  - 3060 Bronchoscopy, with transbronchial lung biopsy(s), each additional lobe (31632)
  - 3070 Bronchoscopy, with transbronchial needle aspiration biopsy(s), each additional lobe (31633)
  - 3080 Bronchoscopy, with removal of foreign body (31635)
  - 3090 Bronchoscopy, with placement of bronchial stent(s) (includes tracheal/bronchial dilation as required), initial bronchus (31636)
  - 3100 Bronchoscopy, each additional major bronchus stented (31637)
  - 3110 Bronchoscopy, with revision of tracheal or bronchial stent inserted at previous session (31638)
  - 3120 Bronchoscopy, with excision of tumor (31640)
  - 3130 Bronchoscopy, with destruction of tumor or relief of stenosis by any method other than excision (e.g., laser therapy) (31641)
  - 3140 Bronchoscopy, with placement of catheter(s) for intracavitary radioelement application (31643)

- 3150 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, initial (drainage of lung abscess) (31645)
- 3160 Bronchoscopy, with therapeutic aspiration of tracheobronchial tree, subsequent (31646)
- 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 (3260X)
- 4020 Thoracoscopy, diagnostic; with biopsy(ies) of lung nodule(s) or mass(es) (eg incisional), unilateral (3260X1)
- 4030 Thoracoscopy, diagnostic; with biopsy(ies) of pleura (3260X2)
- 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 (32095X)
- 4050 Thoracotomy with biopsy(ies) lung nodule(s) or masses (eg incisional), unilateral (32095X1)
- 4060 Thoracotomy with biopsy(ies) of pleura (32095X2)
- 2400 Thoracotomy with cardiac massage (32160)

- 2410 Pleural scarification for repeat pneumothorax (32215)
- 2830 Insertion indwelling tunneled pleural catheter (32550)
- 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 (3266X)
- 4080 Thoracoscopy with therapeutic wedge resection(eg mass or nodule) each additional resection, ipsilateral (3266X1)
- 4090 Thoracoscopy with diagnostic wedge resection followed by anatomic lung resection (3266X2), List separately in addition to primary proc code
- 4100 Thoracoscopy with removal of a single lung segment (segmentectomy) (3266X4)
- 4110 Thoracoscopy with removal of two lobes (bilobectomy) (3266X3)
- 4120 Thoracoscopy with removal of lung, pneumonectomy (3266X5)
- 4130 Thoracoscopy with resection-plication for emphysematous lung (bullous or non-bullous) for lung volume reduction-

- LVRS, unilateral including any pleural procedure (3266X7)
- 4140 Thoracotomy with therapeutic wedge resection (eg mass nodule) initial (3250X)
- 4150 Thoracotomy with therapeutic wedge resection (eg mass nodule) each additional resection, ipsilateral (+3250X1)
- 4160 Thoracotomy with diagnostic wedge resection followed by anatomic lung resection (+3250X2), 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)
- 2420 Decortication, pulmonary, total (32220)
- 2430 Decortication, pulmonary, partial (32225)
- 2440 Pleurectomy, parietal (32310)
- 2450 Decortication and parietal pleurectomy (32320)
- 2460 Thoracotomy, with biopsy of pleura 32095X2
- 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)
- 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)
- 2860 Open closure of major bronchial fistula (32815)
- 2870 Major reconstruction, chest wall (posttraumatic) (32820)
- 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 (+3266X6)  
List separately in addition to primary proc code
- 3170 Thoracic lymphadenectomy, regional, including mediastinal and peritracheal nodes (38746)
- 3200 Excision of mediastinal cyst, open, Transthoracic approach (39200)
- 3210 Excision of mediastinal tumor(open, Transthoracic

- approach) (39220)
- 4180 Thoracoscopy with resection of thymus, unilateral or bilateral (3266X8)
- 3840 Thymectomy, transcervical approach (60520)
- 3850 Thymectomy, transthoracic approach (60521)
- 3860 Thymectomy, transthoracic approach, with radical mediastinal dissection (60522)
- 3240 Repair, laceration of diaphragm, any approach (39501)
- 3260 Repair, diaphragmatic hernia (other than neonatal), traumatic; acute (39540)
- 3270 Repair, diaphragmatic hernia (other than neonatal), traumatic; chronic (39541)
- 3280 Imbrication (i.e., plication) of diaphragm (39545)
- 3290 Resection, diaphragm; with simple repair (e.g., primary suture) (39560)
- 3300 Resection, diaphragm; 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 (43107)
- 3330 Three hole-Total

- esophagectomy with thoracotomy; with cervical esophagostomy (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 (43XXX)
- 3360 Minimally invasive esophagectomy, Ivor Lewis approach (43XXX)
- 3370 Minimally invasive esophagectomy, Abdominal and neck approach (43XXX)
- 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)
- 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)
- 4210 Unlisted laparoscopy, esophagus (43289 )
- 3630 Unlisted procedure, esophagus (43499)
- 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)
- 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
- 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
- 2190 Unlisted procedure, neck or thorax (21899)
- 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)
- 2760 Thoracoscopy, surgical; with creation of pericardial window or partial resection of pericardial sac for drainage (32659)
- 2810 Thoracoscopy, surgical; with thoracic sympathectomy (32664)
- 3940 Tube pericardiostomy (33015)
- 3950 Pericardial window (33025)
- 3930 Removal substernal thyroid, cervical approach (60271)
- 4380 Application of wound vac

- 
- (XXXX)
- 4390 Stereotactic radiosurgery (SRS) and stereotactic body radiotherapy (SBRT), surgeon participation (XXXX)
- 4400 Other Minor Procedure (XXXX)
- 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 (XXXX)
-

*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:* 150

*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 (43499)", "Unlisted procedure, neck or thorax (21899)", "Other Minor Procedure (XXXX)" or "Other (XXXX)" *Data Source:* User



*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:* 50  
*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 (43499)", "Unlisted procedure, neck or thorax (21899)", "Other Minor Procedure (XXXX)" or "Other (XXXX)" *Data Source:* User

*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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

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

Harvest Codes:

Code: Value:

1 Right

2 Left

3 Bilateral

*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

Harvest Codes:

- | <u>Code:</u> | <u>Value:</u>                    |
|--------------|----------------------------------|
| 1            | ICU                              |
| 2            | Intermediate Care Unit           |
| 3            | Regular floor bed                |
| 4            | Not applicable (expired in OR)   |
| 5            | Outpatient or Observation Status |

*Long Name:* Total Number Of ICU Days *SeqNo:* 1531  
*Short Name:* **ICUDays** *Core:* No  
*Section Name:* Diagnosis (Category of Disease) and Procedures *Harvest:* No  
*DBTableName* Operations  
*Definition:* Indicate the TOTAL number of days patient spent in the ICU during this entire admission (include any unplanned return to ICU days in total number).  
 Note: <24 hours= 1 day.  
*LowValue:* 0 *UsualRangeLow:* 0  
*HighValue:* 200 *UsualRangeHigh:* 30  
*Parent Long Name:* Admission Status *Format:* Integer  
*ParentShortName:* AdmissionStat *DataLength:*  
*ParentValue:* = "Inpatient" *Data Source:* User

*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

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

*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

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

*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

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

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

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 - 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:* 50 *UsualRangeHigh:* 15  
*Parent Long Name:* Lung Cancer *Format:* Integer  
*ParentShortName:* LungCancer *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

*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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes and Value Definitions:

<u>Code:</u>	<u>Value:</u>	<u>Definition:</u>
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 diaphragm
8	T4b	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

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

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

Harvest Codes and Value Definitions:

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

*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

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:* 50 *UsualRangeHigh:* 15  
*Parent Long Name:* Esophageal Cancer *Format:* Integer  
*ParentShortName:* EsophCancer *DataLength:*  
*ParentValue:* = "Yes" *Data Source:* User

*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

## Harvest Codes:

Code: Value:

- 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

Harvest Codes:

Code: Value:

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

Harvest Codes:

Code: Value:

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

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 |
| 6            | Other   |

*Long Name:* Reop For Bleeding *SeqNo:* 1740  
*Short Name:* **BleedOperate** *Core:* No  
*Section Name:* Post-Operative Events *Harvest:* No  
*DBTableName* Operations  
*Definition:* Indicate whether bleeding was the reason for returning 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

Harvest Codes:

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

*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

Harvest Codes:

Code: Value:

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

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

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

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

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.

*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

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

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

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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Reintubate *SeqNo:* 1850  
*Short Name:* **Reintube** *Core:* Yes  
*Section Name:* Post-Operative Events *Harvest:* Yes

*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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

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

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

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

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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

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*Long Name:* Gastric Outlet Obstruction *SeqNo:* 1930  
*Short Name:* **GastricOutlet** *Core:* Yes  
*Section Name:* Post-Operative Events *Harvest:* Yes

*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

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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Anastomosis Requiring Surgical Treatment *SeqNo:* 1960  
*Short Name:* **AnastoSurg** *Core:* No  
*Section Name:* Post-Operative Events *Harvest:* No  
*DBTableName* Operations  
*Definition:* Indicate whether the patient in the postoperative period experienced an esophageal anastomosis leak that required surgical intervention or manipulation, (i.e., reoperation in the operating room or requiring general anesthesia, repeat thoracotomy for drainage and control of the leak) for the esophageal anastomotic leak. Opening the neck incision for drainage at the bedside would be included.  
*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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

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

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

*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

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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

<u>Code:</u>	<u>Value:</u>
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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Wound Infection *SeqNo:* 2050  
*Short Name:* **WoundInfect** *Core:* No  
*Section Name:* Post-Operative Events *Harvest:* No

*DBTableName* Operations

*Definition:* Indicate whether the patient experienced a wound infection in the postoperative period as evidenced by meeting two of the following criteria:

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

*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

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

Harvest Codes:

Code: Value:

- 1 None
- 2 Superficial
- 3 Deep
- 4 Organ space

*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

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

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

Harvest Codes:

Code: Value:

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 a recurrent laryngeal nerve paresis or paralysis 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

Harvest Codes:

Code: Value:

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

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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* New Renal Failure *SeqNo:* 2130  
*Short Name:* **NewRenalFail** *Core:* No  
*Section Name:* Post-Operative Events *Harvest:* No

*DBTableName* Operations

*Definition:* Indicate whether the patient experienced renal failure in the postoperative period as documented by one or more of the following:

1. Increase of serum creatinine to > 2.0, and 2x the creatinine level closest to the date and time prior surgery,
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

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 experienced new or worsening renal failure in the postoperative period as documented by one or more of the following:

1. Increase of serum creatinine to  $\geq 3$ x the creatinine level closest to the date and time prior surgery,
2. serum creatinine  $\geq 4.0$ ,
3. 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

Harvest Codes:

Code: Value:

1 Yes

2 No

*Long Name:* Chylothorax Requiring Drainage/Medical Treatment Only *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 drainage and medical intervention only ( 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

Harvest Codes:

Code: Value:

1 Yes

2 No

<i>Long Name:</i>	Chylothorax Requiring Surgical Intervention	<i>SeqNo:</i>	2160
<i>Short Name:</i>	<b>ChyloSurg</b>	<i>Core:</i>	No
<i>Section Name:</i>	Post-Operative Events	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the patient experienced a chylothorax in the postoperative period requiring surgical intervention (i.e., thoracotomy, laparotomy, thoracoscopy, reoperation and ligation of thoracic duct, etc.)		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Postoperative Events Occurred	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	POEvents	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	1	Yes	
	2	No	

<i>Long Name:</i>	Other events requiring OR with general anesthesia	<i>SeqNo:</i>	2170
<i>Short Name:</i>	<b>OtherSurg</b>	<i>Core:</i>	Yes
<i>Section Name:</i>	Post-Operative Events	<i>Harvest:</i>	Yes
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether the patient experienced any other surgical events in the post-operative period requiring a procedure with general anesthesia.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Postoperative Events Occurred	<i>Format:</i>	Text (categorical values specified by STS)
<i>ParentShortName:</i>	POEvents	<i>DataLength:</i>	
<i>ParentValue:</i>	= "Yes"	<i>Data Source:</i>	User
Harvest Codes:			
	<u>Code:</u>	<u>Value:</u>	
	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:* *Format:* Text (categorical values specified by STS)

*ParentShortName:* *DataLength:*

*ParentValue:* *Data Source:* User

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

*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

Harvest Codes:

Code: Value:

- 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

Harvest Codes:

Code: Value:

- 1 Home
- 2 Extended Care/Transitional Care Unit/Rehab
- 3 Other Hospital
- 4 Nursing Home
- 5 Hospice
- 777 Other

*Long Name:* Readmit Within 30 Days Of Procedure *SeqNo:* 2220  
*Short Name:* **Readm30** *Core:* No  
*Section Name:* Discharge *Harvest:* No  
*DBTableName* Operations  
*Definition:* Indicate whether the patient was unexpectedly readmitted to ANY hospital within 30 days of the procedure for a reason related to this procedure.  
*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* Discharge Status *Format:* Text (categorical values specified by STS)  
*ParentShortName:* MtDCStat *DataLength:*  
*ParentValue:* = "Alive" *Data Source:* User

Harvest Codes:

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

*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

Harvest Codes:

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

*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

Harvest Codes:

Code: Value:

1 Alive

2 Dead

3 Unknown

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*Long Name:* Date Of Death *SeqNo:* 2250  
*Short Name:* **MtDate** *Core:* Yes  
*Section Name:* Discharge *Harvest:* Yes

*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

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*Long Name:* Chest Tube Use *SeqNo:* 2260  
*Short Name:* **CTubeUse** *Core:* No  
*Section Name:* Discharge *Harvest:* No  
*DBTableName* Operations  
*Definition:* Indicate whether the patient had one or more chest tubes in place during this admission.  
*LowValue:* *UsualRangeLow:*  
*HighValue:* *UsualRangeHigh:*  
*Parent Long Name:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User  
  
 Harvest Codes:  
     Code: Value:  
         1 Yes  
         2 No

*Long Name:* Discharged With Chest Tube *SeqNo:* 2270  
*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:* *Format:* Text (categorical values specified by STS)  
*ParentShortName:* *DataLength:*  
*ParentValue:* *Data Source:* User  
  
 Harvest Codes:  
     Code: Value:  
         1 Yes  
         2 No

<i>Long Name:</i>	Date Chest Tube Was Removed	<i>SeqNo:</i>	2280
<i>Short Name:</i>	<b>CTubeOutDate</b>	<i>Core:</i>	No
<i>Section Name:</i>	Discharge	<i>Harvest:</i>	No
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate the date the last chest tube was removed prior to discharge.		
<i>LowValue:</i>	<i>UsualRangeLow:</i>		
<i>HighValue:</i>	<i>UsualRangeHigh:</i>		
<i>Parent Long Name:</i>	Discharged With Chest Tube	<i>Format:</i>	Date in mm/dd/yyyy format
<i>ParentShortName:</i>	CTubeDis	<i>DataLength:</i>	
<i>ParentValue:</i>	= "No"	<i>Data Source:</i>	User

<i>Long Name:</i>	IV Antibiotics Ordered Within One Hour	<i>SeqNo:</i>	2290
<i>Short Name:</i>	<b>IVAntibioOrdered</b>	<i>Core:</i>	Yes
<i>Section Name:</i>	Quality Measures	<i>Harvest:</i>	Yes
<i>DBTableName</i>	Operations		
<i>Definition:</i>	Indicate whether an order for IV antibiotics to be given within one hour of the skin incision was given.		
<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

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

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

Harvest Codes:

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

Harvest Codes:

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

Harvest Codes:

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

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*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

Harvest Codes:

Code: Value:

- 1 Yes
  - 2 No
  - 3 Patient refused
  - 4 Nonsmoker
-