

# STS General Thoracic Database Data Specifications

Itemized list of changes between version 2.41 and version 5.21.1

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40      **Vendor's Software Version Number** ShortName: SoftVrsn

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

120      **Patient Middle Name** ShortName: PatMName

Detail changed:	Changed from:	Changed to:
Harvest	Yes	Optional

140      **Social Security Number Known** ShortName: SSNKnown

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate if the socical security number or national identifier is known.
Harvest	<Blank>	Yes
LongName	<Blank>	Social Security Number Known
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	SSNKnown
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No
HarvestCode=3	<blank>	<New choice added> Patient Refused

150      **Social Security Number** ShortName: SSN

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	SSNKnown
ParentValue	<Blank>	= "Yes"

160

**Permanent Street Address**

ShortName: PatAddr

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate the patients permanent street address at the time of admission.
Harvest	<Blank>	Optional
LongName	<Blank>	Permanent Street Address
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PatAddr
VendorDataType	<Blank>	Text

170

**Patients Permanent City**

ShortName: PatCity

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate the patients permanent city.
Harvest	<Blank>	Optional
LongName	<Blank>	Patients Permanent City
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PatCity
VendorDataType	<Blank>	Text

180

**Patients Permanent Region**

ShortName: PatRegion

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate the patients permanent region (i.e. state or province) in which the patient resides at the time of admission.
Harvest	<Blank>	Optional

LongName	<Blank>	Patients Permanent Region
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PatRegion
VendorDataType	<Blank>	Text

190 **Country** ShortName: PatientCountry

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate the patient country of residence at the time of admission.
Harvest	<Blank>	Optional
LongName	<Blank>	Country
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PatientCountry
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Afghanistan
HarvestCode=2	<blank>	<New choice added> Åland Island
HarvestCode=11	<blank>	<New choice added> Argentina
HarvestCode=14	<blank>	<New choice added> Australia
HarvestCode=17	<blank>	<New choice added> Bahamas
HarvestCode=25	<blank>	<New choice added> Bermuda
HarvestCode=31	<blank>	<New choice added> Brazil
HarvestCode=40	<blank>	<New choice added> Canada
HarvestCode=46	<blank>	<New choice added> China
HarvestCode=53	<blank>	<New choice added> Costa Rica
HarvestCode=88	<blank>	<New choice added> Greece

HarvestCode=92	<blank>	<New choice added> Guam
HarvestCode=93	<blank>	<New choice added> Guatemala
HarvestCode=105	<blank>	<New choice added> India
HarvestCode=109	<blank>	<New choice added> Ireland
HarvestCode=111	<blank>	<New choice added> Israel
HarvestCode=112	<blank>	<New choice added> Italy
HarvestCode=113	<blank>	<New choice added> Jamaica
HarvestCode=114	<blank>	<New choice added> Japan
HarvestCode=116	<blank>	<New choice added> Jordan
HarvestCode=143	<blank>	<New choice added> Mexico
HarvestCode=166	<blank>	<New choice added> State of Palestine
HarvestCode=173	<blank>	<New choice added> Peru
HarvestCode=176	<blank>	<New choice added> Poland
HarvestCode=178	<blank>	<New choice added> Puerto Rico
HarvestCode=184	<blank>	<New choice added> Russian Federation
HarvestCode=196	<blank>	<New choice added> Saudi Arabia
HarvestCode=201	<blank>	<New choice added> Singapore
HarvestCode=215	<blank>	<New choice added> Switzerland
HarvestCode=225	<blank>	<New choice added> Trinidad And Tobago
HarvestCode=227	<blank>	<New choice added> Turkey
HarvestCode=231	<blank>	<New choice added> Uganda
HarvestCode=233	<blank>	<New choice added> United Arab Emirates

HarvestCode=234	<blank>	<New choice added> United Kingdom Of Great Britain And Northern Ireland
HarvestCode=235	<blank>	<New choice added> United Republic Of Tanzania
HarvestCode=236	<blank>	<New choice added> United States Minor Outlying Islands
HarvestCode=237	<blank>	<New choice added> United States Of America
HarvestCode=238	<blank>	<New choice added> United States Virgin Islands
HarvestCode=242	<blank>	<New choice added> Venezuela (Bolivarian Republic Of)
HarvestCode=246	<blank>	<New choice added> Yemen
HarvestCode=300	<blank>	<New choice added> Scotland
HarvestCode=999	<blank>	<New choice added> Other

240 **Age At Time Of Surgery** ShortName: Age

Detail changed:	Changed from:	Changed to:
UsualRangeHigh	<Blank>	100
UsualRangeLow	<Blank>	18

260 **Race Documented** ShortName: RaceDocumented

Detail changed:	Changed from:	Changed to:
Definition	Indicate whether race is documented	Indicate whether race is documented.

270 **Race - Multi-Select** ShortName: RaceMulti

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Demographics
Definition	<Blank>	Indicate the patient's race(s) selecting all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Race - Multi-Select
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	RaceDocumented
ParentValue	<Blank>	= "Yes"

RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	RaceMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> White/Caucasian
HarvestCode=2	<blank>	<New choice added> Black/African American
HarvestCode=3	<blank>	<New choice added> Asian
HarvestCode=4	<blank>	<New choice added> American Indian/Alaskan Native
HarvestCode=5	<blank>	<New choice added> Native Hawaiian/Pacific Islander
HarvestCode=6	<blank>	<New choice added> Other

280	<b>Race - White or Caucasian</b>	ShortName: RaceCaucasian
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

290	<b>Race - Black or African American</b>	ShortName: RaceBlack
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

300	<b>Race - Asian</b>	ShortName: RaceAsian
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

310	<b>Race - American Indian or Alaskan Native</b>	ShortName: RaceNativeAm
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

320	<b>Race - Native Hawaiian or Pacific Islander</b>	ShortName: RacNativePacific
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>

			Field no longer being collected
Harvest	Yes	No	

330	<b>Race Other</b>		ShortName: RaceOther
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No

350	<b>Admission Status</b>		ShortName: AdmissionStat
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	HarvestCode=2 - Description	Outpatient / Observation	Outpatient/Observation

370	<b>Primary Payor</b>		ShortName: PayorPrim
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	HarvestCode=1 - Description	None / self	None / Self
	HarvestCode=2 - Description	Medicare	Medicare (includes commercially managed options)
	HarvestCode=3 - Description	Medicaid	Medicaid (includes commercially managed options)
	HarvestCode=5	Indian Health Service	<choice was deleted>
	HarvestCode=6	Correctional Facility	<choice was deleted>
	HarvestCode=7	State Specific Plan	<choice was deleted>
	HarvestCode=8	Other Government Insurance	<choice was deleted>
	HarvestCode=12	<blank>	<New choice added> Other

380	<b>Commercially Managed Medicare Plan - Primary</b>		ShortName: ComMngMedPlnPrim
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Core	<Blank>	Yes
	DataSource	<Blank>	User
	DBTableName	<Blank>	Operations
	Definition	<Blank>	Indicate whether the patient's primary payor is a commercially managed Medicare plan.
	Harvest	<Blank>	Yes
	LongName	<Blank>	Commercially Managed Medicare Plan - Primary
	ParentHarvestCodes	<Blank>	2

ParentShortName	<Blank>	PayorPrim
ParentValue	<Blank>	= "Medicare (includes commercially managed options)"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	ComMngMedPlnPrim
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

390 **HICN / MBI Known - Primary** ShortName: HICNMBIKnown

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether patient's HICN or MBI is known for primary
Harvest	<Blank>	Yes
LongName	<Blank>	HICN / MBI Known - Primary
ParentHarvestCodes	<Blank>	2
ParentShortName	<Blank>	ComMngMedPlnPrim
ParentValue	<Blank>	= "No"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HICNMBIKnown
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

400 **HICN / MBI Number Primary** ShortName: HICNMBI

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations



Definition	<Blank>	Indicate the HICN or MBI number for primary coverage.
Harvest	<Blank>	Yes
LongName	<Blank>	HICN / MBI Number Primary
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	HICNMBIKnown
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HICNMBI
VendorDataType	<Blank>	Text

410 **Primary Payor Medicare Fee For Service** ShortName: PrimMCareFFS

Detail changed:	Changed from:	Changed to:
ParentValue	= "Medicare"	= "Medicare (includes commercially managed options)"

420 **Secondary (Supplemental) Payor** ShortName: PayorSecond

Detail changed:	Changed from:	Changed to:
HarvestCode=1 - Description	None / self	None / Self
HarvestCode=2 - Description	Medicare	Medicare (includes commercially managed options)
HarvestCode=3 - Description	Medicaid	Medicaid (includes commercially managed options)
HarvestCode=5	Indian Health Service	<choice was deleted>
HarvestCode=6	Correctional Facility	<choice was deleted>
HarvestCode=7	State Specific Plan	<choice was deleted>
HarvestCode=8	Other Government Insurance	<choice was deleted>
HarvestCode=12	<blank>	<New choice added> Other

430 **Commercially Managed Medicare Plan Secondary** ShortName: ComMngMedPlnSec

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the patient's secondary payor is a commercially managed Medicare plan.

Harvest	<Blank>	Yes
LongName	<Blank>	Commercially Managed Medicare Plan Secondary
ParentHarvestCodes	<Blank>	2
ParentShortName	<Blank>	PayorSecond
ParentValue	<Blank>	= "Medicare (includes commercially managed options)"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	ComMngMedPlnSec
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

440 **HICN / MBI Known - Secondary** ShortName: HICNMBIKnownSec

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether patient's HICN or MBI is known for secondary.
Harvest	<Blank>	Yes
LongName	<Blank>	HICN / MBI Known - Secondary
ParentHarvestCodes	<Blank>	2
ParentShortName	<Blank>	ComMngMedPlnSec
ParentValue	<Blank>	= "No"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HICNMBIKnownSec
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

450 **HICN / MBI Number - Secondary** ShortName: HICNMBINumberSec

Detail changed:	Changed from:	Changed to:
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate patient's HICN or MBI number for secondary.
Harvest	<Blank>	Yes
LongName	<Blank>	HICN / MBI Number - Secondary
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	HICNMBIKnownSec
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HICNMBINumberSec
VendorDataType	<Blank>	Text

460	<b>Secondary Payor Medicare Fee For Service</b>	ShortName: SecondMCareFFS
	<b>Detail changed:</b>	<b>Changed from:</b>
	ParentValue	= "Medicare"
		<b>Changed to:</b>
		= "Medicare (includes commercially managed options)"

480	<b>Surgeon's National Provider Identifier</b>	ShortName: SurgNPI
	<b>Detail changed:</b>	<b>Changed from:</b>
	DataSource	Automatic or User
		<b>Changed to:</b>
		Lookup

490	<b>Taxpayer Identification Number</b>	ShortName: TIN
	<b>Detail changed:</b>	<b>Changed from:</b>
	DataSource	Lookup
		<b>Changed to:</b>
	Definition	Indicate the Taxpayer Identification Number for the Taxpayer holder of record for the Surgeon's National Provider Identifier that performed the procedure. This may be an individual TIN or a group TIN depending on billing. This information is vital for PQRS reporting. This field will be blank for Non-US participants
		Indicate the Taxpayer Identification Number for the Taxpayer holder of record for the Surgeon's National Provider Identifier that performed the procedure. This may be an individual TIN or a group TIN depending on billing. This information is used for MIPS reporting. This field will be blank for Non-US participants.

510	<b>Hospital Region</b>	ShortName: HospStat
	<b>Detail changed:</b>	<b>Changed from:</b>
	ParentHarvestCodes	<Blank>
		<b>Changed to:</b>
		Is Not Missing
	ParentShortName	<Blank>
		<b>Changed to:</b>
		HospName
	ParentValue	<Blank>
		<b>Changed to:</b>
		Is Not Missing

520 <b>Hospital Postal Code</b>			ShortName: HospZIP
Detail changed:	Changed from:	Changed to:	
DataSource	Automatic or User	Lookup	
ParentHarvestCodes	<Blank>	Is Not Missing	
ParentShortName	<Blank>	HospName	
ParentValue	<Blank>	Is Not Missing	

540 <b>Height In Centimeters</b>			ShortName: HeightCm
Detail changed:	Changed from:	Changed to:	
HighValue	250.0	251.00	
LowValue	10.0	20.00	
UsualRangeHigh	<Blank>	213.00	
UsualRangeLow	<Blank>	122.00	

550 <b>Weight In Kilograms</b>			ShortName: WeightKg
Detail changed:	Changed from:	Changed to:	
HighValue	300.0	250.00	
LowValue	1.0	10.00	
UsualRangeHigh	<Blank>	181.80	
UsualRangeLow	<Blank>	30.00	

560 <b>Calculated BMI</b>			ShortName: CalculatedBMI
Detail changed:	Changed from:	Changed to:	
Core	<Blank>	Yes	
DataSource	<Blank>	Calculated	
DBTableName	<Blank>	Operations	
Definition	<Blank>	System calculated BMI	
Harvest	<Blank>	Yes	
HighValue	<Blank>	200.0	
LongName	<Blank>	Calculated BMI	
LowValue	<Blank>	0.0	
RequiredForRecordInclusion	<Blank>	No	
ShortName	<Blank>	CalculatedBMI	

UsualRangeHigh	<Blank>	50.0
UsualRangeLow	<Blank>	18.0
VendorDataType	<Blank>	Real

570 **Unintentional Weight Loss In Past Three Months** ShortName: WtLoss3Kg

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

580 **Prior Surgical History in Planned Operative Field** ShortName: Reop

Detail changed:	Changed from:	Changed to:
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).	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). The current surgery must be in the same operative field that was previously entered.
LongName	Reoperation	Prior Surgical History in Planned Operative Field

590 **History of Cardiopulmonary Disease** ShortName: HistCarPulDis

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient history of cardiopulmonary disease. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	History of Cardiopulmonary Disease
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	HistCarPulDis
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Hypertension
HarvestCode=3	<blank>	<New choice added> Coronary Artery Disease (CAD)
HarvestCode=4	<blank>	<New choice added> Atrial Fibrillation within the last year; with or without treatment

HarvestCode=5	<blank>	<New choice added> Pulmonary Hypertension
HarvestCode=6	<blank>	<New choice added> Congestive Heart Failure (CHF)
HarvestCode=7	<blank>	<New choice added> Myocardial Infarction
HarvestCode=8	<blank>	<New choice added> Aortic Valve Disease
HarvestCode=9	<blank>	<New choice added> Mitral Valve Disease
HarvestCode=10	<blank>	<New choice added> Tricuspid Valve Disease
HarvestCode=11	<blank>	<New choice added> Pulmonic Valve Disease
HarvestCode=12	<blank>	<New choice added> Interstitial Fibrosis/ Interstitial Lung Disease

600 **Preoperative Ejection Fraction** ShortName: EF

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	contains(6)
ParentShortName	CHF	HistCarPulDis
ParentValue	= "Yes"	Contains ("Congestive Heart Failure (CHF)")
UsualRangeHigh	<Blank>	90.0
UsualRangeLow	<Blank>	5.0

610 **History of Vascular Disease** ShortName: HistVasDis

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patients history of vascular disease.
Harvest	<Blank>	Yes
LongName	<Blank>	History of Vascular Disease
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	HistVasDis
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None

HarvestCode=2	<blank>	<New choice added> Major Aortic or Peripheral Vascular Disease (PVD)
HarvestCode=3	<blank>	<New choice added> Deep Vein Thrombosis/Pulmonary Embolism (DVT/PE)
HarvestCode=4	<blank>	<New choice added> Transient Ischemic Attack (TIA)
HarvestCode=5	<blank>	<New choice added> Cerebrovascular Accident (CVA)

620 **Permanent Neurologic Impairment** ShortName: PNI

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	3	contains(5)
ParentShortName	CerebroHx	HistVasDis
ParentValue	= "Cerebrovascular Accident - CVA"	Contains ("Cerebrovascular Accident (CVA)")

630 **History of Endocrine GI Renal Disease** ShortName: HistEndoGiRenDis

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient's history of endocrine, gastrointestinal, and/or renal disease. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	History of Endocrine GI Renal Disease
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	HistEndoGiRenDis
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Diabetes
HarvestCode=3	<blank>	<New choice added> Liver Dysfunction
HarvestCode=4	<blank>	<New choice added> Dialysis

640 **Diabetes Therapy** ShortName: DiabCtrl

Detail changed:	Changed from:	Changed to:
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Definition	Indicate the diabetes therapy method. Patients placed on a preoperative diabetic pathway of insulin drip, then were controlled with "None", diet or oral methods, are not coded as insulin dependent.  Choices are : None = No treatment for diabetes Diet = Diet treatment only Oral = Oral agent or other non-insulin treatment only Insulin = Insulin treatment (includes any combination with insulin)	Indicate the diabetes therapy method.
ParentHarvestCodes	1	contains(2)
ParentShortName	Diabetes	HistEndoGiRenDis
ParentValue	= "Yes"	Contains ("Diabetes")

650 **History of Cancer** ShortName: HistCancer

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient's history of cancer. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	History of Cancer
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	HistCancer
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Coexisting Cancer
HarvestCode=3	<blank>	<New choice added> Preoperative Chemotherapy/Immunotherapy
HarvestCode=4	<blank>	<New choice added> Preoperative Thoracic Radiation Therapy

660 **Hypertension** ShortName: Hypertn

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No



670 **Preoperative Chemo - Current Malignancy** ShortName: PreopChemoCurWhen

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

675 **Preoperative Chemo - Current Malignancy - Multi-Select** ShortName: PreopChemoCurWhenMulti

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate when the patient received preoperative chemotherapy and for what disease. Select all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Preoperative Chemo - Current Malignancy - Multi-Select
ParentHarvestCodes	<Blank>	contains(3)
ParentShortName	<Blank>	HistCancer
ParentValue	<Blank>	Contains ("Preoperative Chemotherapy/Immunotherapy")
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PreopChemoCurWhenMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Same disease, <= 6 months
HarvestCode=2	<blank>	<New choice added> Same disease, > 6 months
HarvestCode=3	<blank>	<New choice added> Unrelated disease, <= 6 months
HarvestCode=4	<blank>	<New choice added> Unrelated disease, >6 months

680 **Preoperative Thoracic Radiation Therapy - Disease And When Treated** ShortName: PreopXRDisWhen

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

685

### Preoperative Thoracic Radiation Therapy - Disease And When Treated - Multi-Select

ShortName: PreopXRDisWhenMulti

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate when the patient received preoperative thoracic radiation therapy and for what disease. Select all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Preoperative Thoracic Radiation Therapy - Disease And When Treated - Multi-Select
ParentHarvestCodes	<Blank>	contains(4)
ParentShortName	<Blank>	HistCancer
ParentValue	<Blank>	Contains ("Preoperative Thoracic Radiation Therapy")
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PreopXRDisWhenMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Same disease, <= 6 months
HarvestCode=2	<blank>	<New choice added> Same disease, > 6 months
HarvestCode=3	<blank>	<New choice added> Unrelated disease, <= 6 months
HarvestCode=4	<blank>	<New choice added> Unrelated disease, > 6 months

690

### Preoperative Medication History

ShortName: HistPreopMeds

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient's preoperative medication history. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Preoperative Medication History
RequiredForRecordInclusion	<Blank>	Yes

ShortName	<Blank>	HistPreopMeds
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Chronic Immunosuppressive Therapy
HarvestCode=3	<blank>	<New choice added> Chronic Anticoagulation
HarvestCode=4	<blank>	<New choice added> Home Oxygen Therapy (Home O2)

710 **Last Creatinine Level** ShortName: CreatLst

Detail changed:	Changed from:	Changed to:
HighValue	30.0	30.00
LowValue	0.1	0.10
UsualRangeHigh	0.1	12.00
UsualRangeLow	0.1	0.10

730 **Last Hemoglobin Level** ShortName: HemoglobinLst

Detail changed:	Changed from:	Changed to:
LowValue	3.00	1.00
UsualRangeHigh	8.00	20.00
UsualRangeLow	8.00	6.00

750 **FEV1 Predicted** ShortName: FEVPred

Detail changed:	Changed from:	Changed to:
LowValue	10	1
ParentShortName	FEV	PFT
UsualRangeHigh	<Blank>	200
UsualRangeLow	<Blank>	10

760 **Congestive Heart Failure** ShortName: CHF

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

770 **DLCO Test Performed** ShortName: DLCO

Detail changed:	Changed from:	Changed to:
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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.	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).
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780 **DLCO Predicted** ShortName: DLCOPred

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

781 **DLCO Lowest Predicted** ShortName: DLCOPredLow

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the lowest % predicted DLCO value obtained for the patient.
Harvest	<Blank>	Yes
HighValue	<Blank>	200
LongName	<Blank>	DLCO Lowest Predicted
LowValue	<Blank>	10
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	DLCO
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	DLCOPredLow
VendorDataType	<Blank>	Integer

790 **History of Substance Abuse** ShortName: HistSubAbus

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient's history of substance abuse. Select all that apply or 'none'.

Harvest	<Blank>	Yes
LongName	<Blank>	History of Substance Abuse
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	HistSubAbus
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Cigarette Smoking
HarvestCode=3	<blank>	<New choice added> Substance Dependency/Abuse of Non-Prescription Medications or Illicit Drugs
HarvestCode=4	<blank>	<New choice added> Alcohol Abuse

800 **Cigarette Smoking History** ShortName: CigSmoking

Detail changed:	Changed from:	Changed to:
LongName	Cigarette Smoking	Cigarette Smoking History
ParentHarvestCodes	<Blank>	contains(2)
ParentShortName	<Blank>	HistSubAbus
ParentValue	<Blank>	Contains ("Cigarette Smoking")
HarvestCode=1	Never smoked	<choice was deleted>
HarvestCode=4	Unknown	<choice was deleted>

810 **Pack Years Known or can be estimated** ShortName: PackYearKnown

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2 3	contains(2)
ParentShortName	CigSmoking	HistSubAbus
ParentValue	= "Past smoker (stopped more than 1 month prior to operation)" or "Current smoker"	Contains ("Cigarette Smoking")

840 **Major Psychiatric Disorder** ShortName: PsychDisorder

Detail changed:	Changed from:	Changed to:
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**Definition**

Indicate if the patient has a major psychiatric disorder. The formal DSM IV Definition of a major psychiatric disorder includes the following features  
a) A clinically significant behavior or psychological syndrome or pattern that occurs in an individual  
B) Is associated with present distress ( E.g. a painful symptom) or disability (i.e. impairment in one or more important areas of functioning) or with a significantly increased risk of suffering death, pain, disability, or an important loss of freedom  
C) Must not be merely an expectable and culturally sanctioned response to a particular event  
D) A manifestation of a behavioral, psychological or biological dysfunction in the individual.  
E) Neither deviant behavior (e.g. political, religious or sexual) nor conflicts that are primarily between the individual and society are mental disorders unless the deviance or conflict is a symptom of a dysfunction in the individual.  
To identify look for a formal psychiatric diagnosis for which the patient requires regular treatment including behavioral therapy, counseling and/or pharmaceutical treatment. Examples include depression requiring anti-depressant medication or regular counseling. Anxiety disorder, schizophrenia, bipolar disorder requiring active pharmaceutical intervention.

Indicate if the patient has a major psychiatric disorder as defined by DSM IV.

860

**Functional Status**

ShortName: FuncStat

**Detail changed:****Changed from:****Changed to:****Definition**

Indicate the patient's functional status closest to the time of surgery within the 30 days prior to surgery. This variable focuses on the patient's abilities to perform activities of daily living (ADLs) in the 30 days prior to assessment. Activities of daily living are defined as 'the activities usually performed in the course of a normal day in a person's life'. ADLs include: bathing, feeding, dressing, toileting, and mobility. The best functional status demonstrated by the patient within the 30 days prior to surgery is reported.

Indicate the patient's functional status closest to the time of surgery within the 30 days prior to surgery.

All patients with psychiatric illnesses should be evaluated for their ability to function with or without assistance with ADLs just as the non-psychiatric patient. For instance, if a patient with schizophrenia is able to care for him/herself without the assistance of nursing care, he/she is considered independent. If there is a change in the patients functional status, (i.e. improvement to worsening) within the 30 days prior to surgery, report the patient's best functional status.

870

**ECOG Score**

ShortName: ECOGScore

**Detail changed:****Changed from:****Changed to:****Definition**

Indicate the patient's ECOG score at the time of surgery. Eastern Cooperative Oncology Group Performance Status Score is a scale to measure the patient's functional status and the impact of the patient's disease on the functional status. It is very similar to Zubrod score but used much more broadly in the Oncology world. The score describes the current patient level of function at time of evaluation.

Indicate the patient's ECOG score at the time of surgery.

HarvestCode=5

5 - Dead

&lt;choice was deleted&gt;

880	<b>Coronary Artery Disease</b>	ShortName: CAD
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
890	<b>Myocardial Infarction - Pre-Operative Evaluation</b>	ShortName: PreMI
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
900	<b>Afib per EKG within the last year</b>	ShortName: AFIB
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
910	<b>Valvular Heart Disease</b>	ShortName: VHD
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
920	<b>Valvular Heart Disease Location - Aortic Valve</b>	ShortName: VHDLocAV
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
930	<b>Valvular Heart Disease Location - Mitral Valve</b>	ShortName: VHDLocMV
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
940	<b>Valvular Heart Disease Location - Pulmonic Valve</b>	ShortName: VHDLocPV
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
950	<b>Valvular Heart Disease Location - Tricuspid Valve</b>	ShortName: VHDLocTV
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>

			Field no longer being collected
	Harvest	Yes	No
960	<b>Pulmonary Hypertension</b>		ShortName: PulmHypertn
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
970	<b>Interstitial Fibrosis or Interstitial Lung Disease</b>		ShortName: InterstitialFib
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
980	<b>Major Vascular Disease</b>		ShortName: MVD
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
990	<b>DVT/PE</b>		ShortName: DVTPE
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1000	<b>Cerebrovascular History</b>		ShortName: CerebroHx
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1010	<b>Neurologic symptoms present</b>		ShortName: NeuroSymptPres
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1020	<b>Myasthenia Gravis</b>		ShortName: MyasGravis
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No



1030	<b>Diabetes</b>		ShortName: Diabetes
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1040	<b>Liver Dysfunction</b>		ShortName: LiverDys
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1050	<b>On Dialysis</b>		ShortName: Dialysis
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1060	<b>Coexisting Cancer</b>		ShortName: CoexisCancer
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1070	<b>Preoperative Chemotherapy or Immunotherapy</b>		ShortName: PreopChemoCur
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1080	<b>Preoperative Thoracic Radiation Therapy</b>		ShortName: PreopXRT
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1090	<b>Preoperative Thoracic Radiation Therapy - Completion Date</b>		ShortName: PreopXRTCompDt
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No

1100	<b>Prior Cardiothoracic Surgery</b>	ShortName: PriorCTS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1110	<b>Prior Cardiothoracic Surgery - Sternotomy</b>	ShortName: PriorStern
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1120	<b>Prior Cardiothoracic Surgery - VATS / Robotic</b>	ShortName: PriorVATS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1130	<b>Prior Cardiothoracic Surgery - VATS / Robotic - Location</b>	ShortName: PriorVATSLoc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1140	<b>Prior Cardiothoracic Surgery - Pulmonary Resection</b>	ShortName: PriorPulmRes
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1150	<b>Prior Cardiothoracic Surgery - Pulmonary Resection - Location</b>	ShortName: PriorPulmResLoc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1160	<b>Prior Cardiothoracic Surgery - Thoracotomy</b>	ShortName: PriorThora
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1170	<b>Prior Cardiothoracic Surgery - Thoracotomy - Location</b>	ShortName: PriorThoraLoc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>

			Field no longer being collected
	Harvest	Yes	No
1180	<b>PreOp Medical History - Chronic Immunosuppressive Therapy</b>		ShortName: PreOpImmunoThx
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1190	<b>PreOp Medical History - Chronic Anticoagulation Therapy</b>		ShortName: PreOpAnticoagThx
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1200	<b>PreOp Medical History - Home O2</b>		ShortName: PreOpHomeO2
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1210	<b>PFT Not Performed Reason</b>		ShortName: PFTNotPerReas
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1220	<b>Forced Expiratory Volume Test Performed</b>		ShortName: FEV
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1230	<b>Narcotic dependency</b>		ShortName: NarcoticDepend
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
	HarvestCode=1 - Definition	<blank>	<blank>
	HarvestCode=2 - Definition	<blank>	<blank>

1240	<b>Alcohol Abuse</b>	ShortName: AlcoholAbuse
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

1250	<b>Category Of Disease - Primary</b>	ShortName: CategoryPrim
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Definition	<p>Indicate the PRIMARY diagnosis (category of disease) for which the procedure was performed.</p> <p>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.</p>	Indicate the PRIMARY diagnosis (category of disease) for which the procedure was performed.
HarvestCode=10 - Description	Tracheomalacia-congenital (748.3, Q32.0)	Tracheomalacia-congenital (Q32.0)
HarvestCode=20 - Description	Tracheomalacia-acquired (519.1, J39.8)	Tracheal stenosis, acquired (J39.8)
HarvestCode=30 - Description	Tracheal stenosis, congenital (748.3, Q32.1)	Tracheal stenosis, congenital (Q32.1)
HarvestCode=50 - Description	Tracheostomy-hemorrhage (519.09, J95.01)	Tracheostomy-hemorrhage (J95.01)
HarvestCode=60 - Description	Tracheostomy related stenosis (519.02, J95.03)	Tracheostomy related stenosis (J95.03)
HarvestCode=70 - Description	Tracheal tumor, malignant (162.0, C33)	Tracheal tumor, malignant (C33)
HarvestCode=80 - Description	Tracheal tumor, benign (212.2, D14.2)	Tracheal tumor, benign (D14.2)
HarvestCode=90 - Description	Tracheal tumor, metastatic (197.3, C78.30)	Tracheal tumor, metastatic (C78.30)
HarvestCode=100 - Description	Subglottic stenosis-congenital (748.3, Q31.1)	Subglottic stenosis-congenital (Q31.1)
HarvestCode=110 - Description	Subglottic stenosis-acquired (post intubation) (478.74, J38.6)	Subglottic stenosis-acquired (post intubation) (J38.6)
HarvestCode=120 - Description	Vocal cord paralysis unspecified (478.3, J38.00)	Vocal cord paralysis unspecified (J38.00)
HarvestCode=130 - Description	Lung tumor, metastatic (197.0, C78.00)	Lung tumor, metastatic (C78.00)
HarvestCode=140 - Description	Lung tumor, benign (e.g., hamartoma) (212.3, D14.30)	Lung tumor, benign (e.g., hamartoma) (D14.30)

HarvestCode=150 - Description	Lung cancer, main bronchus, carina (162.2, C34.00)	Lung cancer, main bronchus, carina (C34.00)
HarvestCode=160 - Description	Lung cancer, upper lobe (162.3, C34.10)	Lung cancer, upper lobe (C34.10)
HarvestCode=170 - Description	Lung cancer, middle lobe (162.4, C34.2)	Lung cancer, middle lobe (C34.2)
HarvestCode=180 - Description	Lung cancer, lower lobe (162.5, C34.30)	Lung cancer, lower lobe (C34.30)
HarvestCode=190 - Description	Lung cancer, location unspecified (162.9, C34.90)	Lung cancer, location unspecified (C34.90)
HarvestCode=200 - Description	Lung abscess (513.0, J85.2)	Lung abscess (J85.2)
HarvestCode=210 - Description	Pneumothorax (512.8, J93.1)	Pneumothorax (J93.1)
HarvestCode=220 - Description	Bronchiectasis (494.0, J47.9)	Bronchiectasis (J47.9)
HarvestCode=230 - Description	Empyema with fistula (510.0, J86.0)	Empyema with fistula (J86.0)
HarvestCode=240 - Description	Empyema without fistula (510.9, J86.9)	Empyema without fistula (J86.9)
HarvestCode=250 - Description	Emphysema (492.8, J43.8)	COPD/Emphysema (J44.9/J43.8)
HarvestCode=260 - Description	Emphysematous bleb (492.0, J43.9)	Emphysematous bleb (J43.9)
HarvestCode=270 - Description	Interstitial lung disease/fibrosis (516.3, J84.1)	Interstitial lung disease/fibrosis (J84.1)
HarvestCode=280 - Description	Pneumonia (486.0, J18.9)	Pneumonia (J18.9)
HarvestCode=290 - Description	Pulmonary insufficiency following surgery/trauma (ARDS) (518.5, J95.82)	Postprocedural Respiratory Failure (J95.82)
HarvestCode=300 - Description	Hemothorax (511.8, J94.2)	Hemothorax (J94.2)
HarvestCode=310 - Description	Solitary pulmonary nodule (not a tumor, e.g., granuloma, subpleural lymph node, pulmonary infarct) (793.11, R91.1)	Solitary pulmonary nodule (not a tumor, e.g., granuloma, subpleural lymph node, pulmonary infarct) (R91.1)
HarvestCode=320	Mediastinitis (519.2, J98.5)	<choice was deleted>
HarvestCode=330 - Description	Mediastinal nodes, metastatic (196.1, C77.1)	Mediastinal nodes, metastatic (C77.1)
HarvestCode=340 - Description	Mediastinal nodes, benign (229.0, D36.0)	Mediastinal nodes, benign (D36.0)
HarvestCode=350 - Description	Anterior mediastinal tumor primary(germ cell cancer, seminoma) (164.2, C38.1)	Anterior mediastinal malignant tumor primary (germ cell cancer, seminoma) (C38.1)
HarvestCode=360 - Description	Anterior mediastinal tumor-metastatic (197.1, C78.1)	Anterior/Posterior mediastinal tumor; metastatic (C78.1)

HarvestCode=370 - Description	Anterior mediastinal tumor-benign-(e.g., teratoma) (212.5, D15.2)	Anterior/Posterior mediastinal tumor; benign (i.e. teratoma) (D15.2)
HarvestCode=380 - Description	Anterior mediastinal tumor-thymus tumor (thymoma, thymic carcinoma) (164.0, C37)	Malignant neoplasm of thymus (thymoma, thymic carcinoma) (C37)
HarvestCode=390 - Description	Lymphoma, intrathoracic (202.82, C85.92)	Non-Hodgkin Lymphoma, intrathoracic lymph nodes (C85.92)
HarvestCode=400 - Description	Posterior mediastinal malignant tumor- primary (164.3, C38.2)	Posterior mediastinal malignant tumor primary (C38.2)
HarvestCode=410	Posterior mediastinal tumor-metastatic (197.1, C78.1)	<choice was deleted>
HarvestCode=420	Posterior mediastinal tumor-benign(neurogenic)(212.5,D15.2)	<choice was deleted>
HarvestCode=430 - Description	Myasthenia gravis (358.0, G70.00)	Myasthenia gravis (G70.00)
HarvestCode=440	Mediastinal cyst, Bronchogenic (519.3, J98.5)	<choice was deleted>
HarvestCode=450	Mediastinal cyst, Foregut duplication (519.3, J98.5)	<choice was deleted>
HarvestCode=460	Mediastinal cyst, Pericardial (519.3, J98.5)	<choice was deleted>
HarvestCode=470 - Description	Mediastinal cyst, Thymic (519.3, J98.5)	Disease of the mediastinum, not otherwise classified (J98.5)
HarvestCode=480 - Description	Pleural effusion sterile (511.9, J90)	Pleural effusion sterile (J90)
HarvestCode=490	Pleural effusion, infected- (empyema) (511.1, J86.9)	<choice was deleted>
HarvestCode=500 - Description	Pleural effusion, malignant (197.2, C78.2)	Pleural effusion, malignant (J91.0)
HarvestCode=510 - Description	Malignant tumor of pleura, unspecified (e.g., mesothelioma) (163.9, C45)	Mesothelioma (C45)
HarvestCode=520 - Description	Pleural tumor, metastatic (197.2, C78.2)	Pleural tumor, metastatic/Secondary malignant neoplasm of pleura (C78.2)
HarvestCode=530 - Description	Pleural tumor, benign (212.4, D19.0)	Pleural tumor, benign (D19.0)
HarvestCode=540 - Description	Pleural thickening (511.0, J94.9)	Pleural thickening (J94.9)
HarvestCode=550 - Description	Pectus excavatum (754.81, Q67.6)	Pectus excavatum (Q67.6)
HarvestCode=560 - Description	Pectus carinatum (754.82, Q67.7)	Pectus carinatum (Q67.7)
HarvestCode=570	Sternal tumor, malignant (170.3, C41.3)	<choice was deleted>
HarvestCode=580	Sternal tumor, metastatic (198.5, C79.51)	<choice was deleted>
HarvestCode=590	Sternal tumor, benign (213.3, D16.7)	<choice was deleted>
HarvestCode=600 - Description	Rib tumor, malignant-(e.g., osteosarcoma, chondrosarcoma) (170.3, C41.3)	Rib tumor, malignant (e.g., osteosarcoma, chondrosarcoma) (C41.3)

HarvestCode=610 - Description	Rib tumor, metastatic (198.5, C79.51)	Rib tumor, metastatic (C79.51)
HarvestCode=620 - Description	Rib tumor, benign-(e.g., fibrous dysplasia) (213.3, D16.7)	Rib tumor, benign (e.g., fibrous dysplasia) (D16.7)
HarvestCode=630 - Description	Thoracic outlet syndrome (353.0, G54.0)	Thoracic outlet syndrome (G54.0)
HarvestCode=640 - Description	Diaphragmatic paralysis (519.4, J98.6)	Diaphragmatic paralysis (J98.6)
HarvestCode=650	Diaphragm tumor, malignant (171.4, C49.3)	<choice was deleted>
HarvestCode=660	Diaphragm tumor, metastatic (198.89, C79.89)	<choice was deleted>
HarvestCode=670 - Description	Diaphragm tumor, benign (215.4, D21.3)	Diaphragm tumor, benign (D21.3)
HarvestCode=680 - Description	Esophageal cancer-lower third (150.5, C15.5)	Esophageal cancer, lower third (C15.5)
HarvestCode=690 - Description	Esophageal cancer, middle third (150.4, C15.4)	Esophageal cancer, middle third (C15.4)
HarvestCode=700 - Description	Esophageal cancer, upper third (150.3, C15.3)	Esophageal cancer, upper third (C15.3)
HarvestCode=710 - Description	Esophageal cancer, esophagogastric junction (cardia) (151.0, C16.0)	Esophageal cancer, esophagogastric junction (cardia) (C16.0)
HarvestCode=720 - Description	Esophageal tumor-benign (i.e., leiomyoma) (211.0, D13.0)	Esophageal tumor-benign (i.e., leiomyoma) (D13.0)
HarvestCode=730 - Description	Esophageal stricture (530.3, K22.2)	Esophageal stricture (K22.2)
HarvestCode=740 - Description	Barrett's esophagus (530.85, K22.70)	Barrett's esophagus (K22.70)
HarvestCode=750 - Description	Achalasia of esophagus (530.0, K22.0)	Achalasia of esophagus (K22.0)
HarvestCode=760 - Description	Esophageal perforation (530.4, K22.3)	Esophageal perforation (K22.3)
HarvestCode=770	Zenkers diverticulum (530.6, K22.5)	<choice was deleted>
HarvestCode=780 - Description	Epiphrenic diverticulum (530.6, K22.5)	Epiphrenic diverticulum (K22.5)
HarvestCode=790 - Description	Esophageal reflux (GERD) (530.81, K21.9)	Esophageal reflux (GERD) (K21.9)
HarvestCode=800 - Description	Tracheoesophageal fistula (530.84, J86.0)	Tracheoesophageal fistula (J95.04)
HarvestCode=810 - Description	Gastric outlet obstruction, pyloric stenosis, acquired (537.0, K31.1)	Gastric outlet obstruction, pyloric stenosis, acquired (K31.1)
HarvestCode=820 - Description	Acquired absence of esophagus ( post esophagectomy) (V45.79, Z90.89)	Acquired absence of esophagus ( post esophagectomy) (Z90.89)
HarvestCode=830	Goiter, nodular (241.9, E04.9)	<choice was deleted>
HarvestCode=840	Thyroid neoplasm, malignant (193.0, C73)	<choice was deleted>

HarvestCode=850	Thyroid neoplasm, benign (226.0, D34)	<choice was deleted>
HarvestCode=860 - Description	Rib fracture (807.0, S22.39xa)	Rib fracture (S22.39xa)
HarvestCode=870 - Description	Sternal fracture (807.2, S22.20xa)	Sternal fracture (S22.20)
HarvestCode=880 - Description	Flail chest (807.4, S22.5xxa)	Flail chest (S22.5)
HarvestCode=890 - Description	Tracheal injury (807.5, S12.8xxa)	Tracheal injury (S12.8)
HarvestCode=900 - Description	Traumatic pneumothorax (860.0, S27.0xxa)	Traumatic pneumothorax (S27.0)
HarvestCode=980 - Description	Pericarditis with effusion (420.9, I30.9)	Pericarditis with effusion (I30.9)
HarvestCode=990 - Description	Pericardial effusion, malignant (198.89, C79.89)	Pericardial effusion, malignant (I31.3)
HarvestCode=1000 - Description	SVC Syndrome (459.2, I87.1)	SVC Syndrome (I87.1)
HarvestCode=1020 - Description	Lymphadenopathy (785.6, R59.9)	Lymphadenopathy (R59.9)
HarvestCode=1030 - Description	Abnormal radiologic finding (793.1, R91)	Abnormal radiologic finding (R91)
HarvestCode=1040 - Description	Vocal cord paralysis , unilateral (478.31, J38.01)	Vocal cord paralysis , unilateral (J38.01)
HarvestCode=1050 - Description	Vocal cord paralysis, bilateral (478.33, J38.02)	Vocal cord paralysis, bilateral (J38.02)
HarvestCode=1060 - Description	Acute respiratory failure (518.81, J96.00)	Acute respiratory failure (ARDS) (J96.00)
HarvestCode=1070 - Description	Pulmonary sequestration (748.5, Q33.2)	Pulmonary sequestration (Q33.2)
HarvestCode=1080 - Description	Gangrene and necrosis of lung (513.0, J85.0)	Gangrene and necrosis of lung (J85.0)
HarvestCode=1090 - Description	Mediastinal abscess (513.1, J85.3)	Mediastinal abscess (J85.3)
HarvestCode=1100 - Description	Diaphragmatic hernia without obstruction or gangrene (553.3, K44.9)	Diaphragmatic Hernia without obstruction or gangrene (K44.9)
HarvestCode=1110 - Description	Diaphragmatic hernia with gangrene (551.3, K44.1)	Diaphragmatic Hernia with gangrene (K44.1)
HarvestCode=1120 - Description	Diaphragmatic hernia with obstruction, without gangrene (552.3, K44.0)	Diaphragmatic Hernia with obstruction (K44.0)
HarvestCode=1130	Malignant other part esophagus, specified (150.8, C15.8)	<choice was deleted>
HarvestCode=1140 - Description	Malignant neo stomach unspecified (151.9, C16.9)	(Stomach Cancer) Malignant neoplasm stomach unspecified (C16.9)
HarvestCode=1150 - Description	Barrett's esophagus with High Grade Dysplasia (530.85, K22.711)	Barrett's esophagus with High Grade Dysplasia (K22.711)



HarvestCode=1160 - Description	Esophagitis (530.1, K20.9)	Esophagitis (K20.9)
HarvestCode=1170 - Description	Reflux esophagitis (530.11, K21.0)	Reflux esophagitis (K21.0)
HarvestCode=1180	Stricture and stenosis of esophagus (530.3, K22.2)	<choice was deleted>
HarvestCode=1190 - Description	Dyskinesia/spasm of esophagus (530.5, K22.4)	Dyskinesia/spasm of esophagus (K22.4)
HarvestCode=1200 - Description	Mallory Weiss tear (530.7, K22.6)	Mallory Weiss tear (K22.6)
HarvestCode=1210 - Description	Foreign body esophagus (935.1, T18.108a)	Foreign body esophagus (T18.108a)
HarvestCode=1220 - Description	Ulcer esophagus without bleeding (530.2, K22.10)	Ulcer esophagus without bleeding (K22.10)
HarvestCode=1230 - Description	Ulcer esophagus with bleeding (530.21, K22.11)	Ulcer esophagus with bleeding (K22.11)
HarvestCode=1240 - Description	Rib fractures, multiple (807.0, S22.49xa)	Rib fractures, multiple (S22.49)
HarvestCode=1250 - Description	Hyperhidrosis, focal axilla (705.21, L74.510)	Hyperhidrosis, focal axilla (L74.510)
HarvestCode=1260 - Description	Hyperhidrosis, focal, face (705.21, L74.511)	Hyperhidrosis, focal, face (L74.511)
HarvestCode=1270 - Description	Hyperhidrosis, focal, palms (705.21, L74.512)	Hyperhidrosis, focal, palms (L74.512)
HarvestCode=1290 - Description	Chylothorax (457.8, 189.8)	Chylothorax (189.8)
HarvestCode=1300 - Description	Dysphagia, unspecified (787.2, R13.10)	Dysphagia, unspecified (R13.10)
HarvestCode=1310 - Description	Aspergillosis (117.3, B44.9)	Aspergillosis (B44.9)
HarvestCode=1340 - Description	Cystic fibrosis with pulmonary manifestations (277.02, E84.0)	Cystic fibrosis (E84.0)
HarvestCode=1350	Malignant neoplasm other parts of bronchus or lung (162.8, C34.8)	<choice was deleted>
HarvestCode=1360	Neoplasm of uncertain behavior of trachea, bronchus and lung (235.7, DM38.1)	<choice was deleted>
HarvestCode=1370	Personal history of malignant neoplasm of bronchus and lung (V10.11, Z85.118)	<choice was deleted>
HarvestCode=1380 - Description	Post inflammatory pulmonary fibrosis (515, J84.89)	Post inflammatory pulmonary fibrosis (J84.89)
HarvestCode=1390 - Description	Primary Pulmonary Hypertension (416.0, I27.0)	Primary pulmonary hypertension (I27.0)
HarvestCode=1400 - Description	Transplanted lung complication(s) (996.84, T86.8XX)	Transplanted lung complication(s) (T86.8XX)
HarvestCode=1410 - Description	Benign neoplasm of thymus (212.6, D15.0)	Benign neoplasm thymus (D15.0)

HarvestCode=1420 - Description	Neoplasm of uncertain behavior of pleura, thymus, mediastinum (235.8, D38.2-D38.4)	Mediastinal Mass/Neoplasm of uncertain behavior of pleura, thymus, mediastinum (D38.2-D38.4)
HarvestCode=1430 - Description	Unspecified disease of thymus gland (254.9, E32.9)	Unspecified disease of thymus gland (E32.9)
HarvestCode=1440	Pleural effusion, other specified, except TB (511.89, J90)	<choice was deleted>
HarvestCode=1450 - Description	Malignant neoplasm other specified sites of pleura (163.8, C38.4)	Malignant neoplasm of pleura; other than mesothelioma (C38.4)
HarvestCode=1460 - Description	Malignant neoplasm of the esophagus, unspecified (150.9, C15.9)	(Esophageal Cancer) Malignant neoplasm of the esophagus, unspecified (C15.9)
HarvestCode=1470	Other digestive system complication (997.49, K91.XX)	<choice was deleted>
HarvestCode=1480 - Description	Other disease of the esophagus (530.89, K22.8)	Other disease of the esophagus (K22.8)
HarvestCode=1490	Abdominal aneurysm without rupture (441.4, I171.4)	<choice was deleted>
HarvestCode=1500 - Description	Cardiac tamponade (423.3, I31.4)	Cardiac tamponade (I31.4)
HarvestCode=1510 - Description	Pericarditis, constrictive (432.2, I31.1)	Pericarditis, constrictive (I31.1)
HarvestCode=1520 - Description	Unspecified disease of the pericardium (423.9, I31.9)	Unspecified disease of the pericardium (I31.9)
HarvestCode=1530	Chronic airway obstruction not elsewhere classified (496, J44.9)	<choice was deleted>
HarvestCode=1540 - Description	Disruption of internal operation, surgical wound (998.31, T81.32XA)	Disruption of internal operation, surgical wound (T81.32)
HarvestCode=1550 - Description	Hemorrhage complicating a procedure (998.11, multiple codes)	Hemorrhage complicating a procedure (multiple codes)
HarvestCode=1560 - Description	Hematoma complicating a procedure (998.12, multiple codes)	Hematoma complicating a procedure (multiple codes)
HarvestCode=1570 - Description	Hemoptysis unspecified (786.3, R04.2)	Hemoptysis unspecified (R04.2)
HarvestCode=1580	Other non-infectious disorders of lymphatic channels (457.8, I89.8)	<choice was deleted>
HarvestCode=1590 - Description	Malignant neoplasm of connective tissue and other soft tissue of the thorax (171.4, C49.3)	Diaphragm tumor, malignant (C49.3)
HarvestCode=1600 - Description	Malignant poorly differentiated neuroendocrine carcinoma, any site (209.3, C74.1)	Malignant poorly differentiated neuroendocrine carcinoma, any site (C74.1)
HarvestCode=1610 - Description	Non-healing surgical wound (998.83, T81.89XA)	Other complication of procedure, not elsewhere specified (i.e. Non-healing surgical wound) (T81.89)
HarvestCode=1620 - Description	Other post- op infection (998.59, T81.4XXA)	Other post- op infection (T81.4XXA)
HarvestCode=1630 - Description	Persistent post-op fistula not otherwise classified (998.6, T81.83XA)	Persistent post-op fistula not otherwise classified (T81.83)
HarvestCode=1640 - Description	Post-operative air leak (512.2, J95.812)	Post-operative air leak (J95.812)

HarvestCode=1650 - Description	Secondary malignant neoplasm of other specified sites (198.89, C79.89)	Secondary malignant neoplasm of other specified sites (C79.89)
HarvestCode=1660 - Description	Shortness of breath (786.05, R06.02)	Shortness of breath (R06.02)
HarvestCode=1670	Swelling, mass or lump in chest (786.6, R22.2)	<choice was deleted>
HarvestCode=1680	Empyema, tuberculosis (A15.6)	<choice was deleted>
HarvestCode=1690 - Description	Pleural effusion, TB; (Tuberculous pleurisy) (012.0, A15.6)	Pleural effusion, TB; (Tuberculous pleurisy) (A15.6)
HarvestCode=1700	Tracheal stenosis, acquired (519.19, J39.8)	<choice was deleted>
HarvestCode=1720	<blank>	<New choice added> Lung nodule/Mass/Other disorders of lung (J98.4)
HarvestCode=1820	<blank>	<New choice added> Pericardial disease (I31)
HarvestCode=1830	<blank>	<New choice added> Chest wall abscess (L03.31)
HarvestCode=1850	<blank>	<New choice added> Atelectasis (J98.11)
HarvestCode=1860	<blank>	<New choice added> Bronchopleural fistula (J98.09)
HarvestCode=1880	<blank>	<New choice added> Chronic respiratory failure (J96.1)
HarvestCode=1970	<blank>	<New choice added> Fibrothorax (J94.1)

1280 **Category Of Disease - Secondary** ShortName: CategorySecond

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

1290 **Category Of Disease - Secondary - Other Specify** ShortName: CategorySecondOth

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

1300 **Category Of Disease - Secondary - Other ICD** ShortName: CategorySecondOthICD

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

1410 **Unanticipated Surgical Approach Conversion** ShortName: UnanticConv

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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LongName	Surgical Approach Conversion	Unanticipated Surgical Approach Conversion
HarvestCode=1 - Description	VATS to open	Yes, VATS to open
HarvestCode=2 - Description	Robotic to VATS	Yes, Robotic to VATS
HarvestCode=3 - Description	Robotic to open	Yes, Robotic to open

1420 **Unanticipated Surgical Approach Conversion Type** ShortName: UnanticConvTy

Detail changed:	Changed from:	Changed to:
ParentValue	= "VATS to open", "Robotic to VATS" or "Robotic to open"	= "Yes, VATS to open", "Yes, Robotic to VATS" or "Yes, Robotic to open"

1430 **Unanticipated Surgical Approach Conversion Reason** ShortName: UnanticConvRsn

Detail changed:	Changed from:	Changed to:
ParentValue	= "VATS to open", "Robotic to VATS" or "Robotic to open"	= "Yes, VATS to open", "Yes, Robotic to VATS" or "Yes, Robotic to open"
HarvestCode=4	Technical	<choice was deleted>
HarvestCode=5	<blank>	<New choice added> Other

1450 **Intraoperative Packed Red Blood Cells - Number** ShortName: IntraopPRBCNum

Detail changed:	Changed from:	Changed to:
HighValue	50	300
UsualRangeHigh	1	20

1460 **ASA Classification** ShortName: ASA

Detail changed:	Changed from:	Changed to:
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.	Indicate the patient's American Society of Anesthesiologists Risk Scale for this surgical procedure.
HarvestCode=1 - Definition	<blank>	Normal, healthy patient
HarvestCode=2 - Definition	<blank>	Mild systemic disease
HarvestCode=3 - Definition	<blank>	Severe systemic disease
HarvestCode=4 - Definition	<blank>	Life threatening severe systemic disease
HarvestCode=5 - Definition	<blank>	Moribund, not expected to survive without operation

HarvestCode=6 -  
Definition

<blank>

Declared brain dead, organ donor

1470 **Procedure**

ShortName: Proc

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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.	Indicate the general thoracic procedures being performed during this operating room visit.
HarvestCode=2880 - Description	Thoracoplasty with closure of bronchopleural fistula (32906)	Bronchopleural fistula closure (32906)
HarvestCode=3170	Thoracic lymphadenectomy, regional, including mediastinal and peritracheal nodes (38746)	<choice was deleted>
HarvestCode=3200 - Description	Mediastinal cyst,excision, open, Transthoracic approach (39200)	Mediastinal cyst, excision, open, Transthoracic approach (39200)
HarvestCode=3330 - Description	Three Incision-Total esophagectomy with thoracotomy; with cervical esophagogastrostomy (43112)	Three Incision -Total esophagectomy with thoracotomy; with cervical esophagogastrostomy (43112)
HarvestCode=3360 - Description	Minimally invasive esophagectomy, Ivor Lewis approach	Minimally invasive esophagectomy, Ivor Lewis approach (43287)
HarvestCode=3370 - Description	Minimally invasive esophagectomy, Abdominal and neck approach	Minimally invasive esophagectomy, Abdominal and neck approach (43286)
HarvestCode=3380 - Description	Total esophagectomy without thoracotomy; with colon interposition or small intestine reconstruction (43108)	Total esophagectomy without thoracotomy; with colon interposition or small intestine reconstruction (43108)
HarvestCode=3490 - Description	Laparoscopic esophageal myotomy (Heller Myotomy, with or without fundoplication ) (43279)	Laparoscopic esophageal myotomy (Heller Myotomy, with or without fundoplication) (43279)
HarvestCode=3550 - Description	Gastrointestinal reconstruction for previous esophagectomy with colon interposition or small intestine (43361)	Gastrointestinal reconstruction for previous esophagectomy with colon interposition or small intestine (43361)
HarvestCode=3670 - Description	Esophagoscopy with insertion of stent (43219)	Esophagoscopy with insertion of stent (43219)
HarvestCode=3720 - Description	Esophagoscopy with transendoscopic ultrasound-guided fine needle aspiration (43232)	Esophagoscopy with transendoscopic ultrasound-guided fine needle aspiration (43232)
HarvestCode=3900	Intraoperative jejunostomy (44015)	<choice was deleted>
HarvestCode=4010 - Description	Thoracoscopy, diagnostic; with biopsy(ies) of lung infiltrate(s) (eg wedge), unilateral (32607)	Thoracoscopy, diagnostic; with biopsy(s) of lung infiltrate(s) (e.g. wedge), unilateral (32607)
HarvestCode=4020 - Description	Thoracoscopy, diagnostic; with biopsy(ies) of lung nodule(s) or mass(es) (eg incisional), unilateral (32608)	Thoracoscopy, diagnostic; with biopsy(s) of lung nodule(s) or mass(es) (eg incisional), unilateral (32608)
HarvestCode=4030 - Description	Thoracoscopy, diagnostic; with biopsy(ies) of pleura (32609)	Thoracoscopy, diagnostic; with biopsy(s) of pleura (32609)
HarvestCode=4040 - Description	Thoracotomy with biopsy(ies) lung infiltrate(s) (eg wedge), unilateral (32096)	Thoracotomy with biopsy(s) lung infiltrate(s) (e.g. wedge), unilateral (32096)
HarvestCode=4050 - Description	Thoracotomy with biopsy(ies) lung nodule(s) or masses (eg incisional), unilateral (32097)	Thoracotomy with biopsy(s) lung nodule(s) or masses (e.g. incisional), unilateral (32097)

HarvestCode=4060 - Description	Thoracotomy with biopsy(ies) of pleura (32098)	Thoracotomy with biopsy(s) of pleura (32098)
HarvestCode=4070 - Description	Thoracoscopy with therapeutic wedge resection (eg mass or nodule, initial, unilateral (32666)	Thoracoscopy with therapeutic wedge resection (eg mass or nodule) initial, unilateral (32666)
HarvestCode=4080 - Description	Thoracoscopy with therapeutic wedge resection(eg mass or nodule) each additional resection, ipsilateral (32667)	Thoracoscopy with therapeutic wedge resection (eg mass or nodule) each additional resection, ipsilateral (32667) List separately in addition to primary procedure code
HarvestCode=4090 - Description	Thoracoscopy with diagnostic wedge resection followed by anatomic lung resection (32668), List separately in addition to primary proc code	Thoracoscopy with diagnostic wedge resection followed by anatomic lung resection (32668), List separately in addition to primary procedure code
HarvestCode=4150 - Description	Thoracotomy with therapeutic wedge resection (eg mass nodule) each additional resection, ipsilateral (+32506), List separately in addition to primary proc code	Thoracotomy with therapeutic wedge resection (eg mass nodule) each additional resection, ipsilateral (+32506) List separately in addition to primary procedure code
HarvestCode=4170 - Description	Thoracoscopy with mediastinal and regional lymphadenectomy (+32674) List separately in addition to primary proc code	Thoracoscopy with mediastinal and regional lymphadenectomy (+32674) List separately in addition to primary procedure code
HarvestCode=4190 - Description	Minimally invasive three incision esophagectomy	Minimally invasive three incision esophagectomy (McKeown) (43288)
HarvestCode=4210 - Description	Unlisted laparoscopy, esophagus (43289 )	Unlisted laparoscopy, esophagus (43289)
HarvestCode=4410 - Description	Tracheostomy replacement (tube change) prior to establishment of fistula tract (31502)	Tracheostomy replacement (tube change) prior to est. of fistula tract (31502)
HarvestCode=4420 - Description	Tracheostomy revision, simple without flap (31613)	Tracheostomy revision simple, without flap (31613)
HarvestCode=4440 - Description	Bronchogenic cyst removal	Bronchogenic cyst removal
HarvestCode=4480	Bronchopleural fistula closure (32906)	<choice was deleted>
HarvestCode=4510 - Description	Tracheostoma revision, complex with flap (31614)	Tracheostomy revision complex, with flap (31614)
HarvestCode=4520 - Description	Tracheostomy, mediastinal	Tracheostomy mediastinal
HarvestCode=4530 - Description	Thoracotomy with open intrapleural pneumolysis (32124)	Pneumolysis, any approach (32124)
HarvestCode=4550 - Description	Transoral fundoplication	Trans oral fundoplication
HarvestCode=4580	<blank>	<New choice added> LINX Procedure (43284 )
HarvestCode=4600	<blank>	<New choice added> Cryoablation (32994)
HarvestCode=4620	<blank>	<New choice added> Pulmonary artery arterioplasty (33926)
HarvestCode=4670	<blank>	<New choice added> Endoflip endoluminal balloon (91040)
HarvestCode=4680	<blank>	<New choice added> Intercostal nerve block (64220-1)

HarvestCode=4790	<blank>	<New choice added> Insertion of Tunneled CV Catheter (36561)
HarvestCode=4800	<blank>	<New choice added> Resection of lung with resection of chest wall
HarvestCode=4810	<blank>	<New choice added> Robotic-Assisted Surgery (capture as an additional code) (S2900)

1490 **Procedure Unlisted - Specify** ShortName: ProcOth

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2300 2950 3230 3310 4210 3630 2190 4400 3970	2190 2300 2950 3230 3310 3630 3970 4210 4400
ParentValue	= "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted laparoscopy, esophagus (43289 )", "Unlisted procedure, esophagus (4349	= "Unlisted procedure, neck or thorax (21899)", "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted procedure, esophagus (43499)", "Other", "Unlisted laparoscopy, esophagus (43289)" or "Other Minor Procedure"

1500 **Procedure Unlisted - CPT** ShortName: ProcOthCPT

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2300 2950 3230 3310 4210 3630 2190 4400 3970	2190 2300 2950 3230 3310 3630 3970 4210 4400
ParentValue	= "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted laparoscopy, esophagus (43289 )", "Unlisted procedure, esophagus (4349	= "Unlisted procedure, neck or thorax (21899)", "Unlisted procedure, trachea, bronchi (31899)", "Unlisted procedure, lung (32999)", "Unlisted procedure, mediastinum (39499)", "Unlisted procedure, diaphragm (39599)", "Unlisted procedure, esophagus (43499)", "Other", "Unlisted laparoscopy, esophagus (43289)" or "Other Minor Procedure"

1505 **Procedure Laterality** ShortName: Laterality

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the laterality of the procedure performed or N/A if not applicable.
Harvest	<Blank>	Yes
LongName	<Blank>	Procedure Laterality
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	Laterality
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Right

HarvestCode=2	<blank>	<New choice added> Left
HarvestCode=3	<blank>	<New choice added> Bilateral
HarvestCode=4	<blank>	<New choice added> Not applicable

1510 **Primary Lung Cancer Resection Performed** ShortName: LungCancer

Detail changed:	Changed from:	Changed to:
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.	Indicate whether a major lung resection was performed for a primary lung cancer (e.g. wedge, segment, lobe, pneumonectomy), open or VATS.  If yes complete clinical and pathological staging.
LongName	Lung Cancer	Primary Lung Cancer Resection Performed

1530 **Esophageal Cancer Resection Performed** ShortName: EsophCancer

Detail changed:	Changed from:	Changed to:
LongName	Esophageal Cancer	Esophageal Cancer Resection Performed

1540 **Thymus/Mediastinal Mass Resection/Myasthenia Gravis** ShortName: ThymusMediastinalData

Detail changed:	Changed from:	Changed to:
Definition	Indicate if the surgical procedure was a thymus / mediastinal mass resection AND you are collecting data and submitting data for thymus / mediastinal mass resection procedures.	Indicate whether a surgical procedure was performed for the thymus, a mediastinal mass, or Myasthenia Gravis.
LongName	Collecting Data for Thymus or Mediastinal Mass Resection	Thymus/Mediastinal Mass Resection/Myasthenia Gravis

1550 **Tracheal Resection** ShortName: TrachealData

Detail changed:	Changed from:	Changed to:
Definition	Indicate if the surgical procedure was a tracheal resection AND you are collecting data and submitting data for tracheal resection procedures.	Indicate if the surgical procedure was a tracheal resection.
LongName	Collecting data for tracheal resection	Tracheal Resection

1560 **Hiatal Hernia / Diaphragmatic Hernia or GERD** ShortName: HiatalHerniaData

Detail changed:	Changed from:	Changed to:
Definition	Indicate if the surgical procedure was a hiatal hernia / GERD AND you are collecting data and submitting data for hiatal hernia / GERD procedures.	Indicate if the surgical procedure was performed for a hiatal hernia/diaphragmatic hernia/GERD.
LongName	Collecting data for hiatal hernia or GERD	Hiatal Hernia / Diaphragmatic Hernia or GERD

1570 **Pathological Diagnosis of Lung Cancer Prior to Lung Resection** ShortName: LungCancerSus

Detail changed:	Changed from:	Changed to:
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			Field no longer being collected
	Harvest	Yes	No
1580	<b>Clinical Staging Method - Lung - Bronchoscopy</b>		ShortName: ClinStagLungBronc
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1590	<b>Clinical Staging Method - Lung - Needle Biopsy</b>		ShortName: ClinStagLungNeedle
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1610	<b>Preoperative Postive Tissue Diagnosis Obtained</b>		ShortName: PreopPosTisOb
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
1620	<b>Clinical Staging Methods</b>		ShortName: ClinStagMeth
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Core	<Blank>	Yes
	DataSource	<Blank>	User
	DBTableName	<Blank>	Operations
	Definition	<Blank>	Identify the clinical staging methods utilized to confirm primary lung cancer.
	Harvest	<Blank>	Yes
	LongName	<Blank>	Clinical Staging Methods
	ParentHarvestCodes	<Blank>	1
	ParentShortName	<Blank>	ClinStagDoneLung
	ParentValue	<Blank>	= "Yes"
	RequiredForRecordInclusion	<Blank>	No
	ShortName	<Blank>	ClinStagMeth
	VendorDataType	<Blank>	Multi-Select
	HarvestCode=1	<blank>	<New choice added> PET/CT

HarvestCode=2	<blank>	<New choice added> CT
HarvestCode=3	<blank>	<New choice added> Brain CT
HarvestCode=4	<blank>	<New choice added> Brain MRI
HarvestCode=5	<blank>	<New choice added> Invasive Mediastinal Staging Performed

1630 **Mediastinal Lymph Node Sampling Staging Method**

ShortName: MedLymNodSam

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Identify the method(s) of the mediastinal lymph node sampling staging that was performed. Select all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Mediastinal Lymph Node Sampling Staging Method
ParentHarvestCodes	<Blank>	contains(5)
ParentShortName	<Blank>	ClinStagMeth
ParentValue	<Blank>	Contains ("Invasive Mediastinal Staging Performed")
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	MedLymNodSam
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> EBUS
HarvestCode=2	<blank>	<New choice added> IR Needle Biopsy
HarvestCode=3	<blank>	<New choice added> EUS
HarvestCode=4	<blank>	<New choice added> Chamberlain
HarvestCode=5	<blank>	<New choice added> Mediastinoscopy
HarvestCode=6	<blank>	<New choice added> VATS/Lymph Node Biopsy
HarvestCode=7	<blank>	<New choice added> Other

1640	<b>Clinical Staging Method - Lung - PET or PET/CT</b>	ShortName: ClinStagLungPET
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1650	<b>Clinical Staging Method - Lung - CT</b>	ShortName: ClinStagLungCT
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1660	<b>Clinical Staging Method - Lung - Brain CT Scan</b>	ShortName: ClinStagLungBrainCT
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1670	<b>Clinical Staging Method - Lung - Brain MRI</b>	ShortName: ClinStagLungBMRI
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1680	<b>Invasive Mediastinal Staging Performed</b>	ShortName: ClinStagInvasive
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1690	<b>Invasive Mediastinal Staging - Lesion size &gt; 3cm</b>	ShortName: ClinStagInvasiveSize
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1700	<b>Invasive Mediastinal Staging - Mediastinal Lymphadenopathy on CT &gt; 1 cm</b>	ShortName: ClinStagInvasiveLymphCT
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

1710	<b>Invasive Mediastinal Staging - Ipsilateral Hilar Mediastinal Node FDG Uptake on PET</b>	ShortName: ClinStagInvasiveHilar
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1720	<b>Invasive Mediastinal Staging - Central Tumor</b>	ShortName: ClinStagInvasiveTumor
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1730	<b>Invasive Mediastinal Staging - Other</b>	ShortName: ClinStagInvasiveOther
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1740	<b>Clinical Staging Method - Lung - EBUS</b>	ShortName: ClinStagLungEBUS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1750	<b>Clinical Staging Method - Lung - VATS</b>	ShortName: ClinStagLungVATS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1760	<b>Clinical Staging Method - Lung - EUS</b>	ShortName: ClinStagLungEUS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1770	<b>Clinical Staging Method - Lung-Other</b>	ShortName: ClinStagLungOth
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

1780	<b>Clinical Staging Method - Lung - Mediastinoscopy/Chamberlain</b>	ShortName: ClinStagLungMedia
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1790	<b>Clinical Staging Lung Cancer Tumor Size Known</b>	ShortName: LungCaTumSzKnown
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
1800	<b>Clinical Staging Lung Cancer Tumor Size In cm</b>	ShortName: LungCaTumSz
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	Definition	Indicate the tumor size of the dominant/most concerning lesion.
		Indicate the tumor size of the dominant/most concerning lesion in centimeters.
	HighValue	50.0
		50.00
	LowValue	0.1
		0.00
	ParentShortName	LungCaTumSzKnown
		ClinStagDoneLung
	UsualRangeHigh	<Blank>
		15.00
	UsualRangeLow	<Blank>
		0.50
1820	<b>Lung Cancer Nodes - N</b>	ShortName: ClinStageLungN
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	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.
		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.
		Clinical staging is based on the PRE-TREATMENT ESTIMATED staging workup which may include CT scan, PET scan, endoscopic ultrasound, etc.
		(8th Edition)
	HarvestCode=1 - Definition	<blank>
		No regional lymph node metastasis
	HarvestCode=2 - Definition	<blank>
		Metastasis in ipsilateral peribronchial or hilar and intrapulmonary nodes. Includes direct extension.
	HarvestCode=3 - Definition	<blank>
		Metastasis in ipsilateral mediastinal and/or subcarinal lymph nodes
	HarvestCode=4 - Definition	<blank>
		Metastasis in contralateral mediastinal or contralateral hilar nodes, ipsilateral or contralateral scalene or supraclavicular nodes

1830 **Lung Cancer Metastasis - M** ShortName: ClinStageLungM

Detail changed:	Changed from:	Changed to:
HarvestCode=1 - Definition	<blank>	No distant metastasis
HarvestCode=4 - Definition	<blank>	Distant Metastasis

1840 **Clinical Staging - Lung - Result** ShortName: ClinStageLungResult

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

1841 **Clinical Staging - Lung Cancer Tumor Present** ShortName: ClinStageTumorPres

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the diagnosis for lung cancer as reported in the final pathology report indicated the presence of a tumor.
Harvest	<Blank>	Yes
LongName	<Blank>	Clinical Staging - Lung Cancer Tumor Present
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	ClinStageTumorPres
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

1850 **Pathologic Staging - Lung Cancer - T** ShortName: PathStageLungT

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	ClinStageTumorPres

ParentValue	= "Tumor present"	= "Yes"
HarvestCode=7 - Definition	<blank>	Primary Tumor cannot be assessed, or tumor proven by the presence of malignant cells in sputum or bronchial washings but not visualized by imaging or bronchoscopy
HarvestCode=8 - Definition	<blank>	No evidence of primary tumor
HarvestCode=9 - Definition	<blank>	Carcinoma in situ; squamous cell carcinoma in situ (SCIS); Adenocarcinoma in situ (AIS): adenocarcinoma with pure lepidic pattern, <3 cm in greatest dimension
HarvestCode=10 - Definition	<blank>	Minimally invasive adenocarcinoma: adenocarcinoma (<3 cm in greatest dimension) with a predominantly lepidic pattern and <5 mm invasion in greatest dimension.
HarvestCode=11 - Definition	<blank>	Tumor <1 cm in greatest dimension. A superficial, spreading tumor of any size whose invasive component is limited to the bronchial wall and may extend proximal to the main bronchus also is classified as T1a, but these tumors are uncommon.
HarvestCode=12 - Definition	<blank>	Tumor > 1 cm but < 2 cm in greatest dimension
HarvestCode=13 - Definition	<blank>	Tumor > 2 cm but < 3 cm in greatest dimension
HarvestCode=14 - Definition	<blank>	Tumor > 3 cm but < 4 cm at greatest dimension, or having any of the following features: 1. involves the main bronchus regardless of distance to the carina, 2. but without involvement of the carina; invades visceral pleura (PL1 or PL2); 3. associated with atelectasis or obstructive pneumonitis that extends to the hilar region, involving part or all of the lung.
HarvestCode=15 - Definition	<blank>	Tumor > 4 cm but < 5 cm at greatest dimension
HarvestCode=16 - Definition	<blank>	Tumor > 5 cm but < 7 cm in greatest dimension or directly invading any of the following: parietal pleura (PL3), chest wall (including superior sulcus tumors), phrenic nerve, parietal pericardium; or separate tumor nodule(s) in the same lobe as the primary
HarvestCode=17 - Definition	<blank>	Tumor > 7 cm or tumor of any size invading one or more of the following: diaphragm, mediastinum, heart, great vessels, trachea, recurrent laryngeal nerve, esophagus, vertebral body, or carina; separate tumor nodule(s) in an ipsilateral lobe different from that of the primary

1870 **Lung Cancer- Invasion of Adjacent Structures**

ShortName: LCInAdjStr

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No
HarvestCode=1 - Definition	<blank>	<blank>

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HarvestCode=2 -  
Definition

<blank>

<blank>

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1875 **Lung Cancer- Invasion of Adjacent Structures - Multi-Select**

ShortName: LCInvAdjStrMulti

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the adjacent structure(s) the tumor invades. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Lung Cancer- Invasion of Adjacent Structures - Multi-Select
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	ClinStageTumorPres
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	LCInvAdjStrMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Phrenic Nerve
HarvestCode=3	<blank>	<New choice added> Chest Wall
HarvestCode=4	<blank>	<New choice added> Esophagus
HarvestCode=5	<blank>	<New choice added> Heart
HarvestCode=6	<blank>	<New choice added> Pericardium
HarvestCode=7	<blank>	<New choice added> Diaphragm
HarvestCode=8	<blank>	<New choice added> Recurrent Laryngeal Nerve
HarvestCode=9	<blank>	<New choice added> Great Vessels
HarvestCode=10	<blank>	<New choice added> Vetebral Body

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1880

**Lung Cancer Nodes Assessed**

ShortName: LungNodeAsses

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the nodes were assessed.
Harvest	<Blank>	Yes
LongName	<Blank>	Lung Cancer Nodes Assessed
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	ClinStageTumorPres
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	LungNodeAsses
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

1890

**Nodal Station 1**

ShortName: NS1

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 1.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 1
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS1
VendorDataType	<Blank>	Text (categorical values specified by STS)

HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1900 **Nodal Station 2**

ShortName: NS2

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 2.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 2
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS2
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1910 **Nodal Station 3**

ShortName: NS3

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 3.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 3

ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS3
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1920 **Nodal Station 4** ShortName: NS4

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 4.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 4
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS4
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1930 **Nodal Station 5** ShortName: NS5

Detail changed:	Changed from:	Changed to:
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 5.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 5
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS5
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1940

### Nodal Station 6

ShortName: NS6

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 6.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 6
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS6
VendorDataType	<Blank>	Text (categorical values specified by STS)

HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1950 **Nodal Station 7**

ShortName: NS7

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment nodal station 7.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 7
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS7
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1960 **Nodal Station 8**

ShortName: NS8

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indication the assessment of nodal station 8.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 8

ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS8
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1970 **Nodal Station 9** ShortName: NS9

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 9.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 9
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS9
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1980 **Nodal Station 10** ShortName: NS10

Detail changed:	Changed from:	Changed to:
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 10.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 10
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS10
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

1990 **Nodal Station 11**

ShortName: NS11

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal station 11.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Station 11
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS11
VendorDataType	<Blank>	Text (categorical values specified by STS)

HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

2000 **Nodal Stations 12-14**

ShortName: NS12\_14

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of nodal stations 12-14.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Stations 12-14
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NS12_14
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

2010 **Nodal Stations Contralateral**

ShortName: NSContraLat

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the assessment of the contralateral nodal stations.
Harvest	<Blank>	Yes
LongName	<Blank>	Nodal Stations Contralateral



ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NSContraLat
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Not Sampled
HarvestCode=2	<blank>	<New choice added> Malignant
HarvestCode=3	<blank>	<New choice added> Benign

2020 **Number of Malignant Nodes** ShortName: NumMaligNodes

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the number of malignant nodes.
Harvest	<Blank>	Yes
HighValue	<Blank>	60
LongName	<Blank>	Number of Malignant Nodes
LowValue	<Blank>	0
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LungNodeAsses
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NumMaligNodes
UsualRangeHigh	<Blank>	10
UsualRangeLow	<Blank>	0
VendorDataType	<Blank>	Integer

2030 **Lung Cancer - Number of Nodes** ShortName: LungCANodes

**Detail changed:** **Changed from:** **Changed to:**

HighValue	80	60
LowValue	0	1
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	LungNodeAsses
ParentValue	= "Tumor present"	= "Yes"
UsualRangeHigh	5	10
UsualRangeLow	5	1

2040 **Pathologic Staging - Lung Cancer - N**

ShortName: PathStageLungN

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	LungNodeAsses
ParentValue	= "Tumor present"	= "Yes"
HarvestCode=1 - Definition	<blank>	No regional lymph node metastasis/All Benign
HarvestCode=2 - Definition	<blank>	Metastasis in ipsilateral peribronchial and/or ipsilateral hilar lymph nodes and intrapulmonary nodes, includes involvement by direct extension/No N2 or N3 marked malignant
HarvestCode=3 - Definition	<blank>	Metastasis in ipsilateral mediastinal and/or subcarinal lymph node(s)/No N3 marked malignant
HarvestCode=4 - Definition	<blank>	Metastasis in contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene or supraclavicular lymph node(s)/Any N3 marked malignant
HarvestCode=5 - Definition	<blank>	Regional lymph nodes cannot be assessed/Not Sampled

2050 **Lung CA Multi-station N2**

ShortName: PathStageLungMultiN2

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2060 **Lung CA Metastases**

ShortName: PathStageLungM

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	ClinStageTumorPres
ParentValue	= "Tumor present"	= "Yes"
HarvestCode=1 - Definition	<blank>	No distant metastasis

HarvestCode=1 - Description	M0 No distant metastasis	M0
HarvestCode=2	<blank>	<New choice added> M1a
HarvestCode=3	<blank>	<New choice added> M1b
HarvestCode=4	M1 Distant metastasis	<choice was deleted>
HarvestCode=5	<blank>	<New choice added> M1c

2070 **Lung Cancer Histology** ShortName: LungCAHist

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	ClinStageTumorPres
ParentValue	= "Tumor present"	= "Yes"

2080 **Lung Cancer Histology Grade** ShortName: LungCAHistGrade

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	ClinStageTumorPres
ParentValue	= "Tumor present"	= "Yes"

2090 **Total Number Of Nodal Stations Sampled / Harvested** ShortName: LungCANodStat

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2100 **Lung Cancer - Pathology Margins** ShortName: LungCAPathMarg

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageLungResult	ClinStageTumorPres
ParentValue	= "Tumor present"	= "Yes"

2110 **Lung Cancer - Pathology Margins - Residual Tumor** ShortName: LungCAPathMargPosR

Detail changed:	Changed from:	Changed to:
HarvestCode=1 - Definition	<blank>	Microscopic residual tumor present
HarvestCode=2 - Definition	<blank>	Macroscopic (gross) residual tumor present

2120 **Weight Loss of 10% or more**

ShortName: WtLos10Pct

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the patient experienced unanticipated weight loss of 10% or greater within the last three months prior to surgery.
Harvest	<Blank>	Yes
LongName	<Blank>	Weight Loss of 10% or more
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	WtLos10Pct
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No
HarvestCode=3	<blank>	<New choice added> Not Documented

2130 **Clinical Staging Performed For Esophageal Cancer**

ShortName: ClinStagDoneEsoph

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No
HarvestCode=1 - Definition	<blank>	<blank>
HarvestCode=2 - Definition	<blank>	<blank>

2135 **Clinical Staging Performed For Esophageal Cancer - Multi-Select**

ShortName: ClinStagDoneEsophMulti

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations

Definition	<Blank>	Indicate the type of clinical staging done. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Clinical Staging Performed For Esophageal Cancer - Multi-Select
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	ClinStagDoneEsophMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> PET/CT
HarvestCode=3	<blank>	<New choice added> CT
HarvestCode=4	<blank>	<New choice added> Bronchoscopy
HarvestCode=5	<blank>	<New choice added> EUS
HarvestCode=6	<blank>	<New choice added> VATS (for staging)
HarvestCode=7	<blank>	<New choice added> Laparoscopy (for staging)
HarvestCode=8	<blank>	<New choice added> Endoscopic Mucosal/Submucosal Resection
HarvestCode=9	<blank>	<New choice added> Other

2140 **Clinical Staging Method - Esophageal - PET or PET/CT** ShortName: ClinStagEsophPET

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2150 **Clinical Staging Method - Esophageal - CT** ShortName: ClinStagEsophCT

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2160	<b>Clinical Staging Method - Esophageal - Bronchoscopy</b>	ShortName: ClinStagEsophBronc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2170	<b>Clinical Staging Method - Esophageal - EUS</b>	ShortName: ClinStagEsophEUS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2180	<b>Clinical Staging Method - Esophageal - VATS For Staging</b>	ShortName: ClinStagEsophVATS
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2190	<b>Clinical Staging Method - Esophageal - Laparoscopy For Staging</b>	ShortName: ClinStagEsophLap
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2200	<b>Clinical Staging Method - Esophageal - Endoscopic Mucosal Resection</b>	ShortName: ClinStagEsophEMR
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2210	<b>Clinical Staging Method - Esophageal - Other</b>	ShortName: ClinStagEsophOth
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2220	<b>Esophageal Cancer Tumor - T</b>	ShortName: ClinStageEsophT
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	ParentHarvestCodes	1
		contains(2 3 4 5 6 7 8 9)
	ParentShortName	ClinStagDoneEsoph
		ClinStagDoneEsophMulti

ParentValue	= "Yes"	Contains ("PET/CT", "CT", "Bronchoscopy", "EUS", "VATS (for staging)", "Laparoscopy (for staging)", "Endoscopic Mucosal/Submucosal Resection" or "Other")
HarvestCode=1 - Definition	<blank>	No evidence of primary tumor
HarvestCode=2 - Definition	<blank>	High grade dysplasia
HarvestCode=3	<blank>	<New choice added> T1a
HarvestCode=4	<blank>	<New choice added> T1b
HarvestCode=5 - Definition	<blank>	Tumor invades muscularis propria
HarvestCode=6 - Definition	<blank>	Tumor invades adventitia
HarvestCode=9 - Definition	<blank>	Tumor invades lamina propria, mucosa or submucosa
HarvestCode=10 - Definition	<blank>	Tumor invades adjacent structures
HarvestCode=13	<blank>	<New choice added> T1 unspecified

2230 **Clinical Diagnosis of Nodal Involvement**

ShortName: ClinStageEsophNode

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	contains(2 3 4 5 6 7 8 9)
ParentShortName	ClinStagDoneEsoph	ClinStagDoneEsophMulti
ParentValue	= "Yes"	Contains ("PET/CT", "CT", "Bronchoscopy", "EUS", "VATS (for staging)", "Laparoscopy (for staging)", "Endoscopic Mucosal/Submucosal Resection" or "Other")

2240 **Esophageal Cancer Metastasis - M**

ShortName: ClinStageEsophM

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	contains(2 3 4 5 6 7 8 9)
ParentShortName	ClinStagDoneEsoph	ClinStagDoneEsophMulti
ParentValue	= "Yes"	Contains ("PET/CT", "CT", "Bronchoscopy", "EUS", "VATS (for staging)", "Laparoscopy (for staging)", "Endoscopic Mucosal/Submucosal Resection" or "Other")
HarvestCode=1 - Definition	<blank>	No Distant Metastasis
HarvestCode=2 - Definition	<blank>	Distant Metastasis

2250 **Esophageal Tumor Location**

ShortName: EsoTumLoc

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the location of the esophageal tumor(s). Select all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Tumor Location
ParentHarvestCodes	<Blank>	contains(2 3 4 5 6 7 8 9)
ParentShortName	<Blank>	ClinStagDoneEsophMulti
ParentValue	<Blank>	Contains ("PET/CT", "CT", "Bronchoscopy", "EUS", "VATS (for staging)", "Laparoscopy (for staging)", "Endoscopic Mucosal/Submucosal Resection" or "Other")
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EsoTumLoc
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Cervical Esophagus (15-<20cm)
HarvestCode=2	<blank>	<New choice added> Upper Thoracic (20-<25cm)
HarvestCode=3	<blank>	<New choice added> Middle Thoracic (25-<30cm)
HarvestCode=4	<blank>	<New choice added> Lower Thoracic, including EG Junction (30-42cm)

2260 **Esophageal Tumor Location - Cervical Esophagus (15 - < 20 cm)**

ShortName: TumorEsopCervical

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2270 **Esophageal Tumor Location - Upper Thoracic (20 - < 25 cm)**

ShortName: TumorEsopUpThorac

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No



2280	<b>Esophageal Tumor Location - Middle Thoracic (25 - &lt; 30 cm)</b>	ShortName: TumorEsopMidThorac
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2290	<b>Esophageal Tumor Location - Lower Thoracic, including EG Junction (30-42 cm)</b>	ShortName: TumorEsopLowThorac
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
2300	<b>Planned, staged procedure</b>	ShortName: PlanStageProc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	ParentHarvestCodes	<Blank>
		1
	ParentShortName	<Blank>
		EsophCancer
	ParentValue	<Blank>
		= "Yes"
2310	<b>Esophageal Neck Approach</b>	ShortName: EsoNeckAppr
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	Core	<Blank>
		Yes
	DataSource	<Blank>
		User
	DBTableName	<Blank>
		Operations
	Definition	<Blank>
		Indicate whether a neck approach was used for the esophageal resection procedure.
	Harvest	<Blank>
		Yes
	LongName	<Blank>
		Esophageal Neck Approach
	ParentHarvestCodes	<Blank>
		1
	ParentShortName	<Blank>
		EsophCancer
	ParentValue	<Blank>
		= "Yes"
	RequiredForRecordInclusion	<Blank>
		No
	ShortName	<Blank>
		EsoNeckAppr
	VendorDataType	<Blank>
		Text (categorical values specified by STS)
	HarvestCode=1	<blank>
		<New choice added> None
	HarvestCode=2	<blank>
		<New choice added> Open

HarvestCode=3	<blank>	<New choice added> Cervicoscopic
HarvestCode=4	<blank>	<New choice added> Robotic

2320 **Neck Lymphadenectomy Performed** ShortName: NeckLymphAden

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate wheter a neck lymphadenectomy was performed.
Harvest	<Blank>	Yes
LongName	<Blank>	Neck Lymphadenectomy Performed
ParentHarvestCodes	<Blank>	2 3 4
ParentShortName	<Blank>	EsoNeckAppr
ParentValue	<Blank>	= "Open", "Cervicoscopic" or "Robotic"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	NeckLymphAden
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes - With neck dissection
HarvestCode=2	<blank>	<New choice added> Yes - Without neck dissection
HarvestCode=3	<blank>	<New choice added> No

2330 **Esophageal Thorax Approach** ShortName: EsoThorAppr

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether a thorax approach was used for this esophageal procedure.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Thorax Approach
ParentHarvestCodes	<Blank>	1

ParentShortName	<Blank>	EsoPhCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EsoThorAppr
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Thoracotomy
HarvestCode=3	<blank>	<New choice added> Thorascopic
HarvestCode=4	<blank>	<New choice added> Robotic
HarvestCode=5	<blank>	<New choice added> Thoracoabdominal

2340 **Esophageal Abdominal Approach**

ShortName: EsoAbdAppr

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether an abdominal approach was used for this esophageal procedure.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Abdominal Approach
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsoPhCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EsoAbdAppr
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Laparotomy
HarvestCode=3	<blank>	<New choice added> Laparoscopic

HarvestCode=4	<blank>	<New choice added> Robotic
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2350 **Esophageal Abdominal Approach Hand Assist**

ShortName: EsoAbdApprHandAss

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate wheter hand assist was used for abdominal approach laparoscopic or robotic methods.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Abdominal Approach Hand Assist
ParentHarvestCodes	<Blank>	3 4
ParentShortName	<Blank>	EsoAbdAppr
ParentValue	<Blank>	= "Laparoscopic" or "Robotic"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EsoAbdApprHandAss
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

2360 **Anastomotic Method**

ShortName: AnastoMeth

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the anastomotic method for this procedure.
Harvest	<Blank>	Yes
LongName	<Blank>	Anastomotic Method
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No

ShortName	<Blank>	AnastoMeth
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Stapled
HarvestCode=2	<blank>	<New choice added> Partial hand-sewn
HarvestCode=3	<blank>	<New choice added> Hand-sewn

2370 **Esophageal Conduit**

ShortName: EsopConduit

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of esophageal conduit.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Conduit
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EsopConduit
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Stomach
HarvestCode=2	<blank>	<New choice added> Small bowel
HarvestCode=3	<blank>	<New choice added> Colon
HarvestCode=4	<blank>	<New choice added> Supercharged small bowel
HarvestCode=5	<blank>	<New choice added> Supercharged colon

2380 **Pylorus Management**

ShortName: PylorusManage

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes

DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of pylorus management provided.
Harvest	<Blank>	Yes
LongName	<Blank>	Pylorus Management
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PylorusManage
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Botox Injection
HarvestCode=3	<blank>	<New choice added> Balloon Dilation
HarvestCode=4	<blank>	<New choice added> Pyloroplasty
HarvestCode=5	<blank>	<New choice added> Pyloromyotomy

2390 **J-Tube Placement**

ShortName: JTubePlac

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the occurce of a jejunostomy tube (J-tube) placement
Harvest	<Blank>	Yes
LongName	<Blank>	J-Tube Placement
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No

ShortName	<Blank>	JTubePlac
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Pre-existing
HarvestCode=3	<blank>	<New choice added> During surgery
HarvestCode=4	<blank>	<New choice added> Post surgery

2400 **Clinical Staging - Esophagus - Result** ShortName: ClinStageEsophResult

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2401 **Esophageal Cancer Present** ShortName: EsophCancerPres

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether esophageal cancer is present as indicated by the results of the final pathologic diagnosis.
Harvest	<Blank>	Yes
LongName	<Blank>	Esophageal Cancer Present
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCancer
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	EsophCancerPres
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

2410 **Pathologic Staging - Esophageal Cancer - T**

ShortName: PathStageEsophT

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"
HarvestCode=1 - Definition	<blank>	No evidence of primary tumor
HarvestCode=2 - Definition	<blank>	High Grade dysplasia, defined as malignant cells confined to the epithelium by the basement membrane
HarvestCode=3 - Definition	<blank>	Tumor invades lamina propria or muscularis mucosa
HarvestCode=4 - Definition	<blank>	Tumor invades submucosa
HarvestCode=5 - Definition	<blank>	Tumor invades muscularis propria
HarvestCode=6 - Definition	<blank>	Tumor invades adventitia
HarvestCode=7 - Definition	<blank>	Tumor invades pleura, pericardium, azygos vein, diaphragm or peritoneum
HarvestCode=8 - Definition	<blank>	Tumor invades other adjacent structures such as aorta, vertebral body, or airway.
HarvestCode=9	TX	<choice was deleted>

2420 **Pathologic Staging - Esophageal Cancer - N**

ShortName: PathStageEsophN

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"
HarvestCode=1 - Definition	<blank>	No regional lymph node metastasis
HarvestCode=7 - Definition	<blank>	Regional lymph nodes cannot be assessed
HarvestCode=8 - Definition	<blank>	Metastasis in 1-2 regional nodes
HarvestCode=9 - Definition	<blank>	Metastasis in 3-6 regional lymph nodes
HarvestCode=10 - Definition	<blank>	Metastasis in 7 or more regional lymph nodes

2430 **Pathologic Staging - Esophageal Cancer - M**

ShortName: PathStageEsophM

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"
HarvestCode=1 - Definition	<blank>	No distant metastasis
HarvestCode=2 - Definition	<blank>	Distant metastasis

2440 **Pathologic Staging - Esophageal Cancer - H** ShortName: PathStageEsophH

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"

2450 **Pathologic Staging - Esophageal Cancer - G** ShortName: PathStageEsophG

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"
HarvestCode=1 - Definition	<blank>	Grade cannot be assessed
HarvestCode=2 - Definition	<blank>	Well differentiated
HarvestCode=3 - Definition	<blank>	Moderately differentiated
HarvestCode=4 - Definition	<blank>	Poorly differentiated, undifferentiated

2460 **Esophageal Cancer - Number of Nodes** ShortName: EsophCANodes

Detail changed:	Changed from:	Changed to:
HighValue	80	60
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"
UsualRangeHigh	5	10
UsualRangeLow	5	0

2470 **Esophageal Cancer - Pathology Margins**

ShortName: EsophCAPathMarg

Detail changed:	Changed from:	Changed to:
Definition	Indicate whether pathology report indicated positive surgical margins?	Indicate whether pathology report indicated positive surgical margins.
ParentHarvestCodes	2	1
ParentShortName	ClinStageEsophResult	EsophCancerPres
ParentValue	= "Esophageal cancer present"	= "Yes"

2480 **Location of Positive Margins**

ShortName: PosMargLocate

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the location(s) of the positive margin(s).
Harvest	<Blank>	Yes
LongName	<Blank>	Location of Positive Margins
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	EsophCAPathMarg
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	PosMargLocate
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Proximal (Esophageal)
HarvestCode=2	<blank>	<New choice added> Distal (Gastric)
HarvestCode=3	<blank>	<New choice added> Radial

2500 **Chronical Medical Treatment**

ShortName: ChronMedTreat

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the chronic medical treatment the patient received. Select all that apply.

Harvest	<Blank>	Yes
LongName	<Blank>	Chronical Medical Treatment
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	MyastheniaSympt
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	ChronMedTreat
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Mestion
HarvestCode=2	<blank>	<New choice added> Steroids
HarvestCode=3	<blank>	<New choice added> Other Immunosuppressive Therapy

2510 **Chronic Medical Treatment - Mestion** ShortName: TxMestion

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2520 **Chronic Medical Treatment - Steroids** ShortName: TxSteroids

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2530 **Chronic Medical Treatment - Other Immunosuppressive Therapy** ShortName: TxImmunoSuppress

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2570 **Size of Mass In mm** ShortName: MassSize

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2571 **Size of Mass In cm** ShortName: MassSizeCm

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the largest diameter in cm derived from preop axial, coronal or sagittal imaging.
Harvest	<Blank>	Yes
HighValue	<Blank>	50.00
LongName	<Blank>	Size of Mass In cm
LowValue	<Blank>	0.00
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	MassSizeKnown
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	MassSizeCm
UsualRangeHigh	<Blank>	15.00
UsualRangeLow	<Blank>	0.10
VendorDataType	<Blank>	Real

2580 **Thymus / Mediastinal Mass - Initial Surgical Approach** ShortName: ThyInitSurgAp

Detail changed:	Changed from:	Changed to:
HarvestCode=7	<blank>	<New choice added> Thoracotomy

2590 **Thymus / Mediastinal Mass - Robotic / VATS Location** ShortName: ThyRobVATSLoc

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	5 6	5 6 7
ParentValue	= "Robotic" or "VATS"	= "Robotic", "VATS" or "Thoracotomy"

2600 **Thymus / Mediastinal Mass - Conversion To Open Approach** ShortName: ThyConvToOpen

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	3 4 5 6	3 5 6
ParentValue	= "Transcervical", "Partial Sternotomy", "Robotic" or "VATS"	= "Transcervical", "Robotic" or "VATS"

2630 **Thymoma Procedure** ShortName: ThymomaProc

Detail changed:	Changed from:	Changed to:
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicated whether a thymoma procedure was performed.
Harvest	<Blank>	Yes
LongName	<Blank>	Thymoma Procedure
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	ThymusMediastinalData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	Yes
ShortName	<Blank>	ThymomaProc
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

2640 **Pathologic Staging (from pathology report)**

ShortName: PathRptStage

Detail changed:	Changed from:	Changed to:
ParentShortName	ThymusMediastinalData	ThymomaProc
HarvestCode=1 - Definition	<blank>	Grossly and microscopically encapsulated. Also called a noninvasive thymoma. That is, it has not spread beyond the thymus.
HarvestCode=2 - Definition	<blank>	The thymoma invades beyond the capsule (outer boundary of the thymus) and into the nearby fatty tissue or to the pleura (outer covering of the lung). Sometimes divided into: Stage IIa or Stage IIb.
HarvestCode=3 - Definition	<blank>	Microscopic transcapsular invasion
HarvestCode=4 - Definition	<blank>	Macroscopic capsular invasion
HarvestCode=5 - Definition	<blank>	Macroscopic invasion of neighboring organs. The thymoma extends into the neighboring tissues or organs of the lower neck or upper chest area, including the pericardium (covering of the heart), the lungs, or the main blood vessels leading into or exiting from the heart.
HarvestCode=6 - Definition	<blank>	Pleural or pericardial dissemination. The thymoma has spread widely throughout the pleura and/or pericardium.

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HarvestCode=7 - Definition	<blank>	Hematogenous or lymphatic dissemination. The thymoma has spread to distant organs.
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HarvestCode=8	<blank>	<New choice added> No Cancer Found
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2650 **WHO classification**

ShortName: ThymomaType

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	<>8 And Is Not Missing
ParentShortName	ThymusMediastinalData	PathRptStage
ParentValue	= "Yes"	Is Not "No Cancer Found" And Is Not Missing
HarvestCode=7	Not Thymoma	<choice was deleted>

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2780 **Recurrent Nerves Intact Preoperatively**

ShortName: RecurrNervesIntact

Detail changed:	Changed from:	Changed to:
Definition	Indicate if the patient has a known recurrent nerve palsy prior to surgery.	Indicate whether the recurrent nerves were intact preoperatively.
LongName	Recurrent Nerves Intact	Recurrent Nerves Intact Preoperatively

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2800 **Air Way Management During Tracheal Resection**

ShortName: ArWyMgtDurngTrachResc

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patients airway management during tracheal resection. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Air Way Management During Tracheal Resection
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	TrachealData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	ArWyMgtDurngTrachResc
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Cross-table ventilation

HarvestCode=3	<blank>	<New choice added> VA ECMO
HarvestCode=4	<blank>	<New choice added> Jet ventilation
HarvestCode=5	<blank>	<New choice added> VV ECMO
HarvestCode=6	<blank>	<New choice added> Cardiopulmonary bypass

2810 **Airway Management During Resection - Cross table ventilation** ShortName: CrossTableVent

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2820 **Airway Management During Resection - VA ECMO** ShortName: VaECMO

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2830 **Airway Management During Resection - Jet Ventilation** ShortName: JetVent

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2840 **Airway Management During Resection - VV ECMO** ShortName: VvECMO

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2850 **Airway Management During Resection - Cardiopulmonary bypass** ShortName: CardoPulmBypass

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

2860 **Tracheal Resection Incision** ShortName: TrachIncis

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User

DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of incision(s) made for the tracheal resection procedure.
Harvest	<Blank>	Yes
LongName	<Blank>	Tracheal Resection Incision
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	TrachealData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	TrachIncis
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Cervical
HarvestCode=2	<blank>	<New choice added> Partial sternotomy
HarvestCode=3	<blank>	<New choice added> Full sternotomy
HarvestCode=4	<blank>	<New choice added> Right thoracotomy
HarvestCode=5	<blank>	<New choice added> Clamshell

2870 **Tracheal Resection Incision - Cervical** ShortName: TrachIncisCerv

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2880 **Tracheal Resection Incision - Partial Sternotomy** ShortName: TrachIncisPartStern

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

2890 **Tracheal Resection Incision - Full Sternotomy** ShortName: TrachIncisFullStern

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No



2900	<b>Tracheal Resection Incision - Right Thoracotomy</b>	ShortName: TrachIncisRight
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

2910	<b>Tracheal Resection Incision - Clamshell</b>	ShortName: TrachIncisClam
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

2920	<b>Length of tracheal resection in cm (Surgical or pathological measurement acceptable)</b>	ShortName: TrachealResectLen
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	Definition	Indicate the length of the tracheal resection in mm as reported on the pathology or surgical report.
	HighValue	10.0
	LowValue	0.1
	UsualRangeHigh	<Blank>
	UsualRangeLow	<Blank>
		Indicate the length of the tracheal resection in cm as reported on the pathology or surgical report.
		10.00
		0.00
		5.00
		0.10

2950	<b>Release Maneuvers Performed</b>	ShortName: ReleaseManeuver
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

2960	<b>Release Maneuver - Type</b>	ShortName: ReleaseManeuverType
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	ParentShortName	ReleaseManeuver
	HarvestCode=4	<blank>
	HarvestCode=5	<blank>
	HarvestCode=6	<blank>
		TrachealData
		<New choice added> Suprahyoid - Hilar
		<New choice added> Suprathyroid - Hilar
		<New choice added> None

2970	<b>Tracheal Procedures Additional Post-Op Events</b>	ShortName: TrachAddIPOEve
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
	Core	<Blank>
		Yes

DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate additional post-operative events following the tracheal procedure. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Tracheal Procedures Additional Post-Op Events
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	TrachealData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	TrachAddIPOEve
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Anastomotic dehiscence requiring drainage, revision, stent, tracheostomy, T-tube
HarvestCode=3	<blank>	<New choice added> Anastomotic stricture requiring intervention
HarvestCode=4	<blank>	<New choice added> Airway obstruction requiring intervention
HarvestCode=5	<blank>	<New choice added> Recurrent nerve palsy

2980 **Recurrent nerve palsy**

ShortName: NervePalsyRecurr

Detail changed:	Changed from:	Changed to:
Definition	Indicate if the patient experienced any recurrent nerve palsy in the post operative period. If the patient did not experience recurrent nerve palsy, select 'neither'.	Indicate the location of the recurrent nerve palsy that occurred in the post operative period.
ParentHarvestCodes	1	contains(5)
ParentShortName	TrachealData	TrachAddIPOEve
ParentValue	= "Yes"	Contains ("Recurrent nerve palsy")
HarvestCode=3 - Description	Both	Bilateral
HarvestCode=4	Neither	<choice was deleted>

2990 **Anastomotic dehiscence requiring drainage, revision, stent, tracheostomy, T-Tube**

ShortName: AnastomoticDehiscen

Detail changed:	Changed from:	Changed to:
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			Field no longer being collected
	Harvest	Yes	No
3000	<b>Anastomotic stricture requiring intervention</b>		ShortName: AnastomoticStricture
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
3010	<b>Airway obstruction requiring intervention (e.g., unscheduled bronchoscopy)</b>		ShortName: AirwayObstruct
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
3060	<b>Patient Is Stent/Tube Free At 90 Days Postoperative</b>		ShortName: StentTubeFree90days
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	LongName	Patient Is Stent/Tube Free At 90 Days	Patient Is Stent/Tube Free At 90 Days Postoperative
3070	<b>Hiatal Hernia/GERD Symptoms</b>		ShortName: HiatalHernSymp
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Core	<Blank>	Yes
	DataSource	<Blank>	User
	DBTableName	<Blank>	Operations
	Definition	<Blank>	Indicate the patient's hiatal hernia/GERD symptoms. Select all that apply or 'none'.
	Harvest	<Blank>	Yes
	LongName	<Blank>	Hiatal Hernia/GERD Symptoms
	ParentHarvestCodes	<Blank>	1
	ParentShortName	<Blank>	HiatalHerniaData
	ParentValue	<Blank>	= "Yes"
	RequiredForRecordInclusion	<Blank>	No
	ShortName	<Blank>	HiatalHernSymp
	VendorDataType	<Blank>	Multi-Select
	HarvestCode=1	<blank>	<New choice added> None
	HarvestCode=2	<blank>	<New choice added> Heartburn

HarvestCode=3	<blank>	<New choice added> Cough
HarvestCode=4	<blank>	<New choice added> Regurgitation
HarvestCode=5	<blank>	<New choice added> Hoarseness
HarvestCode=6	<blank>	<New choice added> Dysphagia
HarvestCode=7	<blank>	<New choice added> Sore throat
HarvestCode=8	<blank>	<New choice added> Epigastric/chest pain
HarvestCode=9	<blank>	<New choice added> Asthma
HarvestCode=10	<blank>	<New choice added> Early satiety
HarvestCode=11	<blank>	<New choice added> Reflux laryngitis
HarvestCode=12	<blank>	<New choice added> Anemia

3080 **Symptoms of Hiatal Hernia or GERD - Heartburn** ShortName: Heartburn

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3090 **Symptoms of Hiatal Hernia or GERD - Cough** ShortName: Cough

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3100 **Symptoms of Hiatal Hernia or GERD - Regurgitation** ShortName: Regurgitate

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3110 **Symptoms of Hiatal Hernia or GERD - Hoarseness** ShortName: Hoarse

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3120	<b>Symptoms of Hiatal Hernia or GERD - Dysphagia</b>	ShortName: Dysphagia
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3130	<b>Symptoms of Hiatal Hernia or GERD - Sore throat</b>	ShortName: SoreThroat
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3140	<b>Symptoms of Hiatal Hernia or GERD - Epigastric or chest pain</b>	ShortName: Epigastric
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3150	<b>Symptoms of Hiatal Hernia or GERD - Asthma</b>	ShortName: Asthma
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3160	<b>Symptoms of Hiatal Hernia or GERD - Early satiety</b>	ShortName: EarlySatiety
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3170	<b>Symptoms of Hiatal Hernia or GERD - Reflux laryngitis</b>	ShortName: RefluxLaryngitis
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3180	<b>Symptoms of Hiatal Hernia or GERD - Anemia</b>	ShortName: Anemia
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No

3210	<b>EDG Done</b>	ShortName: EGDDone
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>

Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether an EDG was performed.
Harvest	<Blank>	Yes
LongName	<Blank>	EDG Done
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	HiatalHerniaData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	EGDDone
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

3220 **EGD - Esophagitis** ShortName: Esophagitis

Detail changed:	Changed from:	Changed to:
ParentShortName	HiatalHerniaData	EGDDone

3240 **Barrett's metaplasia** ShortName: MetaplasiaBarrett

Detail changed:	Changed from:	Changed to:
ParentShortName	HiatalHerniaData	EGDDone
HarvestCode=1	Yes, with low grade dysplasia	<choice was deleted>
HarvestCode=2	Yes, with high grade dysplasia	<choice was deleted>
HarvestCode=4	<blank>	<New choice added> Yes

3250 **Barretts Metaplasia Grade** ShortName: BarMetGrade

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the grade of Barrett's Metaplasia.

Harvest	<Blank>	Yes
LongName	<Blank>	Barretts Metaplasia Grade
ParentHarvestCodes	<Blank>	4
ParentShortName	<Blank>	MetaplasiaBarrett
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	BarMetGrade
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Low grade dysplasia
HarvestCode=2	<blank>	<New choice added> High grade dysplasia
HarvestCode=3	<blank>	<New choice added> Indeterminate for dysplasia
HarvestCode=4	<blank>	<New choice added> Without dysplasia

3270 **DeMeester score** ShortName: DeMeesterScore

Detail changed:	Changed from:	Changed to:
HighValue	200.0	200.00
LowValue	0.0	0.00
UsualRangeHigh	<Blank>	125.00
UsualRangeLow	<Blank>	0.00

3300 **Lower esophageal segment (LES) resting pressure in mmHg** ShortName: RestPressure

Detail changed:	Changed from:	Changed to:
HighValue	200.0	200.00
LowValue	0.0	0.00
ParentShortName	HiatalHerniaData	Manometry
UsualRangeHigh	<Blank>	90.00
UsualRangeLow	<Blank>	10.00

3310 **Percent of failed swallows** ShortName: SwallowFail

Detail changed:	Changed from:	Changed to:
ParentShortName	HiatalHerniaData	Manometry

3330	<b>Type of Imaging performed</b>	ShortName: ImageType
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3331	<b>Type of Imaging performed - Multi-Select</b>	ShortName: ImageTypeMulti
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate all of the types of imaging that were performed.
Harvest	<Blank>	Yes
LongName	<Blank>	Type of Imaging performed - Multi-Select
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	ImagePerform
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	ImageTypeMulti
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Barium swallow / Upper GI
HarvestCode=2	<blank>	<New choice added> CT Scan
HarvestCode=3	<blank>	<New choice added> CXR

3340	<b>Hiatal hernia size in cm</b>	ShortName: HerniaSize
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3370	<b>Initial Hernia Procedure Surgical Approach</b>	ShortName: HerniaReopApp
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
HarvestCode=5	<blank>	<New choice added> LINX



3380 **Hiatal Hernia Procedural Approach**

ShortName: HHProcAppro

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the procedural approach used for this procedure. Select all that apply.
Harvest	<Blank>	Yes
LongName	<Blank>	Hiatal Hernia Procedural Approach
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	HiatalHerniaData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HHProcAppro
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> Laparoscopic
HarvestCode=2	<blank>	<New choice added> Robotic Chest
HarvestCode=3	<blank>	<New choice added> Robotic Abdomen
HarvestCode=4	<blank>	<New choice added> Laparotomy
HarvestCode=5	<blank>	<New choice added> Thoracotomy
HarvestCode=6	<blank>	<New choice added> Thoracosopic

3390 **Hiatal Hernia / GERD Procedure Approach - Laparoscopic**

ShortName: GERDAppLaparoscopic

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3400 **Hiatal Hernia / GERD Procedure Approach - Robotic**

ShortName: GERDAppRobotic

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3410	<b>Hiatal Hernia / GERD Procedure Approach - Laparotomy</b>	ShortName: GERDAppLaparotomy
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3420	<b>Hiatal Hernia / GERD Procedure Approach - Thoracotomy</b>	ShortName: GERDAppThor
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3480	<b>Magenetic Sphincter Augmentation (LINX)</b>	ShortName: MagSphAugmen
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate if a magnetic sphincter augmentation (LINX) was performed.
Harvest	<Blank>	Yes
LongName	<Blank>	Magenetic Sphincter Augmentation (LINX)
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	HiatalHerniaData
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	MagSphAugmen
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

3490	<b>Hiatal Hernia / GERD - Patient Alive 30 Days After Procedure</b>	ShortName: GERDPtAliveMth
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
LongName	Hiatal Hernia / GERD - Patient Alive 1 Month After Procedure	Hiatal Hernia / GERD - Patient Alive 30 Days After Procedure

3500	<b>Hiatal Hernia 30 day Follow-up</b>	ShortName: HH30dFU
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>

Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the patient's 30 day post operative procedural status. Select all that apply or 'none'.
Harvest	<Blank>	Yes
LongName	<Blank>	Hiatal Hernia 30 day Follow-up
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	GERDPtAliveMth
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	HH30dFU
VendorDataType	<Blank>	Multi-Select
HarvestCode=1	<blank>	<New choice added> None
HarvestCode=2	<blank>	<New choice added> Radiographic recurrence
HarvestCode=3	<blank>	<New choice added> Symptomatic recurrence
HarvestCode=4	<blank>	<New choice added> Endoscopic intervention
HarvestCode=5	<blank>	<New choice added> Redo operation

3510 **Radiographic recurrence - 1 month follow up** ShortName: RadiographRecurr1Mon

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3520 **Symptomatic recurrence - 1 month follow up** ShortName: SymptomRecurr1Mon

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3530 **Endoscopic Intervention - 1 month follow up** ShortName: EndoInt1Mon

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected

	Harvest	Yes	No
3540	<b>Redo operation - 1 month follow up</b>		ShortName: RedoOperate1Mon
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
3550	<b>Hiatal Hernia / GERD - Patient Alive 1 Year After Procedure</b>		ShortName: GERDPtAliveYr
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Definition	Indicate if the patient required a re-do operation within the last month.	Indicate if the patient is alive at one year post procedure.
3560	<b>Hiatal Hernia One Year Follow-up</b>		ShortName: HH1yFU
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Core	<Blank>	Yes
	DataSource	<Blank>	User
	DBTableName	<Blank>	Operations
	Definition	<Blank>	Indicate the patient's post procedural status at one year. Select all that apply or 'none'.
	Harvest	<Blank>	Yes
	LongName	<Blank>	Hiatal Hernia One Year Follow-up
	ParentHarvestCodes	<Blank>	1
	ParentShortName	<Blank>	GERDPtAliveYr
	ParentValue	<Blank>	= "Yes"
	RequiredForRecordInclusion	<Blank>	No
	ShortName	<Blank>	HH1yFU
	VendorDataType	<Blank>	Multi-Select
	HarvestCode=1	<blank>	<New choice added> None
	HarvestCode=2	<blank>	<New choice added> Radiographic recurrence
	HarvestCode=3	<blank>	<New choice added> Symptomatic recurrence
	HarvestCode=4	<blank>	<New choice added> Endoscopic intervention
	HarvestCode=5	<blank>	<New choice added> Redo operation

3570	<b>Radiographic recurrence - 1 year follow up</b>	ShortName: RadiographRecurr1Year
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3580	<b>Symptomatic recurrence - 1 year follow up</b>	ShortName: SymptomRecurr1Year
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3590	<b>Endoscopic Intervention - 1 year follow up</b>	ShortName: EndoInt1Year
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3600	<b>Redo operation - 1 year follow up</b>	ShortName: RedoOperate1Year
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3610	<b>Patient Disposition</b>	ShortName: PatDisp
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3620	<b>ICU Admit this admission</b>	ShortName: ICUVisitInit
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3630	<b>Initial ICU Visit Days</b>	ShortName: ICUVisitInitDays
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
		Field no longer being collected
Harvest	Yes	No

3640	<b>ICU Readmit</b>	ShortName: ICUVisitAdd
<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>

			Field no longer being collected
	Harvest	Yes	No
3650	<b>Additional Visit To ICU Days</b>		ShortName: ICUVisitAddDays
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
3660	<b>Postoperative Events Occurred</b>		ShortName: POEvents
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	HarvestCode=2 - Description	No	No post operative events
	HarvestCode=3	<blank>	<New choice added> No, Patient died in OR
3670	<b>Post Op Procedure Through New or Existing Incision</b>		ShortName: PostOpProc
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
	Core	<Blank>	Yes
	DataSource	<Blank>	User
	DBTableName	<Blank>	Operations
	Definition	<Blank>	Indicate if the patients required another operation through a new or existing incision related to the index procedure.
	Harvest	<Blank>	Yes
	LongName	<Blank>	Post Op Procedure Through New or Existing Incision
	ParentHarvestCodes	<Blank>	1
	ParentShortName	<Blank>	POEvents
	ParentValue	<Blank>	= "Yes"
	RequiredForRecordIncision	<Blank>	No
	ShortName	<Blank>	PostOpProc
	VendorDataType	<Blank>	Text (categorical values specified by STS)
	HarvestCode=1	<blank>	<New choice added> Yes
	HarvestCode=2	<blank>	<New choice added> No
3680	<b>Bleeding Requiring Reoperation</b>		ShortName: BleedOperate
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>

Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate if the patient's reoperation was related to bleeding.
Harvest	<Blank>	Yes
LongName	<Blank>	Bleeding Requiring Reoperation
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	PostOpProc
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	BleedOperate
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

3700 **Post Operative Therapeutic Bronchoscopy**

ShortName: POTherBronc

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate if the patient had a post operative therapeutic bronchoscopy.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Therapeutic Bronchoscopy
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	Poevents
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POTherBronc
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes

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HarvestCode=2	<blank>	<New choice added> No
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3710	<b>Post-op-Pleural Effusion Requiring Drainage</b>	ShortName: CPlEff
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Detail changed:	Changed from:	Changed to:
Definition	Indicate whether a postoperative pleural effusion required drainage via thoracentesis or chest tube insertion.	Indicate whether a postoperative pleural effusion required drainage via thoracentesis or chest tube insertion occurred

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3720	<b>Pneumonia</b>	ShortName: Pneumonia
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Detail changed:	Changed from:	Changed to:
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.	Indicate if the patient experienced pneumonia in the postoperative period.

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3730	<b>Post Operative Grade for Pneumonia</b>	ShortName: POGrdPnu
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Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of post operative pneumonia.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Grade for Pneumonia
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	Pneumonia
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POGrdPnu
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Grade 2
HarvestCode=2	<blank>	<New choice added> Grade 3
HarvestCode=3	<blank>	<New choice added> Grade 4
HarvestCode=4	<blank>	<New choice added> Grade 5

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3740 **Acute Respiratory Distress Syndrome**

ShortName: ARDS

Detail changed:	Changed from:	Changed to:
Definition	Indicate whether the patient has evidence of ARDS (Acute respiratory distress syndrome). According to the American-European consensus conference, a diagnosis of ARDS is assigned if all of the following criteria are present: <ol style="list-style-type: none"> <li>1. Acute onset</li> <li>2. Arterial hypoxemia with PaO<sub>2</sub>/FIO<sub>2</sub> lower than 200 (regardless of PEEP level)</li> <li>3. Bilateral infiltrates seen on chest radiograph</li> <li>4. Pulmonary artery occlusive pressure lower than 18 mm Hg or no clinical evidence of left atrial hypertension</li> <li>5. Compatible risk factors</li> </ol>	Indicate whether the patient has evidence of ARDS (Acute respiratory distress syndrome).

3750 **Post operative grade for ARDS**

ShortName: POGrdARDS

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of post operative ARDS.
Harvest	<Blank>	Yes
LongName	<Blank>	Post operative grade for ARDS
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	ARDS
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POGrdARDS
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Grade 3
HarvestCode=2	<blank>	<New choice added> Grade 4
HarvestCode=3	<blank>	<New choice added> Grade 5

3760 **Respiratory Failure**

ShortName: RespFail

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

3790 **Post Operative Grade Pulmonary Embolus**

ShortName: POGrdPE

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of the pulmonary embolus.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Grade Pulmonary Embolus
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	PE
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POGrdPE
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Grade 1
HarvestCode=2	<blank>	<New choice added> Grade 2
HarvestCode=3	<blank>	<New choice added> Grade 3
HarvestCode=4	<blank>	<New choice added> Grade 4
HarvestCode=5	<blank>	<New choice added> Grade 5

3830 **Atrial Arrhythmia Requiring Treatment**

ShortName: AtrialArryth

Detail changed:	Changed from:	Changed to:
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.	Indicate whether the patient had a new onset of atrial fibrillation, atrial flutter, or atrial fibrillation/flutter requiring treatment. Does not include recurrence of atrial arrhythmias which had been present preoperatively.

3840 **Discharged on Anticoagulation**

ShortName: DCAntiCoag

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations

Definition	<Blank>	Indicate whether the patients was discharged on anticoagulation.
Harvest	<Blank>	Yes
LongName	<Blank>	Discharged on Anticoagulation
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	AtrialArryth
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	DCAntiCoag
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

3860 **Unanticipated Post-Operative Invasive Procedure** ShortName: PostOpInvProc

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

3880 **Post Operative Grade MI** ShortName: POGrdMI

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of the post operative myocardial infarction.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Grade MI
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	MI
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POGrdMI
VendorDataType	<Blank>	Text (categorical values specified by STS)

HarvestCode=1	<blank>	<New choice added> Grade 2
HarvestCode=2	<blank>	<New choice added> Grade 3
HarvestCode=3	<blank>	<New choice added> Grade 4
HarvestCode=4	<blank>	<New choice added> Grade 5

3920 **Esophagogastric leak from anastomosis following esophageal surgery** ShortName: PosOpProcAL

Detail changed:	Changed from:	Changed to:
LongName	Anastomotic leak following esophageal surgery	Esophagogastric leak from anastomosis following esophageal surgery
ParentShortName	PostOpInvProc	POEvents

3930 **Post Operative Anastomotic Leak Type** ShortName: POTypeAnasLeak

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of post operative anastomotic leak.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Anastomotic Leak Type
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	PosOpProcAL
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POTypeAnasLeak
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Type 1
HarvestCode=2	<blank>	<New choice added> Type 2
HarvestCode=3	<blank>	<New choice added> Type 3

3940 **Post Operative Conduit Necrosis** ShortName: POConNec

Detail changed:	Changed from:	Changed to:
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Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether conduit necrosis or failure occurred in the post operative period.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Conduit Necrosis
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	POEvents
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POConNec
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

3950 **Post Operative Conduit Necrosis Type**

ShortName: POCondNecType

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of post operative conduit necrosis.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Conduit Necrosis Type
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	POConNec
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POCondNecType
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Type 1

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HarvestCode=2	<blank>	<New choice added> Type 2
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HarvestCode=3	<blank>	<New choice added> Type 3
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3960 **Primary Reason for procedure** ShortName: ReturnORRsn

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

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3980 **Postoperative Packed Red Blood Cells - Units** ShortName: PostopPRBCUnits

Detail changed:	Changed from:	Changed to:
HighValue	50	300
UsualRangeHigh	1	20

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4060 **New Central Neurological Event** ShortName: CentNeuroEvt

Detail changed:	Changed from:	Changed to:
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.	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; 3. RIND recovery within 72 hours). 4. New postoperative coma that persists for at least 24 hours secondary to anoxic/ischemic and/or metabolic encephalopathy, thromboembolic event or cerebral bleed.

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4070 **Central Neurological Event Type** ShortName: CentNeuroEvtTyp

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the type of new central neurological event which occurred post operatively.
Harvest	<Blank>	Yes
LongName	<Blank>	Central Neurological Event Type
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	CentNeuroEvt
ParentValue	<Blank>	= "Yes"

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RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	CentNeuroEvtTyp
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Postoperative transient neurologic deficit (TIA recovery within 24 hours)
HarvestCode=2	<blank>	<New choice added> RIND recovery within 72 hours
HarvestCode=3	<blank>	<New choice added> Central neurologic deficit persisting postoperatively for > 72 hours
HarvestCode=4	<blank>	<New choice added> New postoperative coma that persists for at least 24 hours secondary to anoxic/ischemic and/or metabolic encephalopathy, thromboembolic event

4080 **Recurrent laryngeal nerve paresis - new onset** ShortName: LaryngealNerve

Detail changed:	Changed from:	Changed to:
LongName	Recurrent laryngeal nerve paresis - unexpected	Recurrent laryngeal nerve paresis - new onset

4090 **Laryngeal Nerve Paresis Severity** ShortName: LaryNerPareSev

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of post operative new onset laryngeal nerve paresis.
Harvest	<Blank>	Yes
LongName	<Blank>	Laryngeal Nerve Paresis Severity
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LaryngealNerve
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	LaryNerPareSev
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Unilateral
HarvestCode=2	<blank>	<New choice added> Bilateral

4100 **Laryngeal Nerve Paresis Grade**

ShortName: LaryNerParGrade

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the grade of the post operative new onset laryngeal nerve paresis.
Harvest	<Blank>	Yes
LongName	<Blank>	Laryngeal Nerve Paresis Grade
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	LaryngealNerve
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	LaryNerParGrade
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Medical Therapy/Dietary Modification Only
HarvestCode=2	<blank>	<New choice added> Elective Procedural Intervention
HarvestCode=3	<blank>	<New choice added> Emergent Procedural Intervention

4120 **Renal Failure - RIFLE Criteria**

ShortName: RenFailRIFLE

Detail changed:	Changed from:	Changed to:
Definition	Indicate whether the patient had acute renal failure or worsening renal function resulting in ONE OR BOTH of the following: 1. Increase in serum creatinine level 3.0 x greater than baseline, or serum creatinine level $\geq 4$ mg/dL. Acute rise must be at least 0.5 mg/dl 2. A new requirement for dialysis postoperatively.	Indicate whether the patient had acute renal failure or worsening renal function resulting in ONE OR BOTH of the following: 1. Increase in serum creatinine level X 3.0, or serum creatinine > mg/dL 4.0 with at least a 0.5 mg/dL rise. 2. A new requirement for dialysis postoperatively.

4130 **Discharged on Dialysis**

ShortName: DCDialys

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the patient was discharged on dialysis.



Harvest	<Blank>	Yes
LongName	<Blank>	Discharged on Dialysis
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	RenFailRIFLE
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	DCDialys
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No
HarvestCode=3	<blank>	<New choice added> Patient died in hospital

4140

### Unexpected Escalation of Care

ShortName: POEscCare

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the patient's level of care was unexpectedly escalated in the post operative period.
Harvest	<Blank>	Yes
LongName	<Blank>	Unexpected Escalation of Care
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	POEvents
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POEscCare
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

4150 **Post Operative Chyle Leak**

ShortName: POChylLeak

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate wheter the patient had a post operative chyle leak.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Chyle Leak
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	POEvents
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POChylLeak
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No

4160 **Anastomotic Leak - Surgical Drainage and Repair**

ShortName: PosOpProcALRepair

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

4170 **Post Operative Chyle Leak Severity**

ShortName: POChylLeakSev

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the severity of the post operative chyle leak.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Chyle Leak Severity
ParentHarvestCodes	<Blank>	1

ParentShortName	<Blank>	POChylLeak
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POChylLeakSev
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> <1 liter per day maximum
HarvestCode=2	<blank>	<New choice added> >= 1 liter per day maximum

4180 **Post Operative Chyle Leak Grade** ShortName: POChylLeakGrade

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate the grade of the post operative chyle leak.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Chyle Leak Grade
ParentHarvestCodes	<Blank>	1
ParentShortName	<Blank>	POChylLeak
ParentValue	<Blank>	= "Yes"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POChylLeakGrade
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Type I
HarvestCode=2	<blank>	<New choice added> Type II
HarvestCode=3	<blank>	<New choice added> Type III

4190 **Post Operative Chyle Leak III Treatment - IR Embolization** ShortName: POChylLeakIIIR

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User

DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the intervention performed for a post operative type III chyle leak included IR Embolization and the outcome of that intervention.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Chyle Leak III Treatment - IR Embolization
ParentHarvestCodes	<Blank>	3
ParentShortName	<Blank>	POChyLeakGrade
ParentValue	<Blank>	= "Type III"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POChyLeakIIIR
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes - Successful
HarvestCode=2	<blank>	<New choice added> Yes - Failed
HarvestCode=3	<blank>	<New choice added> No

4191 **Post Operative Chyle Leak III Treatment - Surgical Ligation**

ShortName: POChyLeakIIISL

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate whether the intervention performed for a post operative type III chyle leak included surgical ligation and the outcome of that intervention.
Harvest	<Blank>	Yes
LongName	<Blank>	Post Operative Chyle Leak III Treatment - Surgical Ligation
ParentHarvestCodes	<Blank>	3
ParentShortName	<Blank>	POChyLeakGrade
ParentValue	<Blank>	= "Type III"
RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	POChyLeakIIISL
VendorDataType	<Blank>	Text (categorical values specified by STS)

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HarvestCode=1	<blank>	<New choice added> Yes - Successful
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HarvestCode=2	<blank>	<New choice added> Yes - Failed
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HarvestCode=3	<blank>	<New choice added> No
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4195 **Anastomotic leak - Stent placement** ShortName: PosOpProcALStent

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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Field no longer being collected

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Harvest	Yes	No
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4200 **Patient Is Still In Hospital** ShortName: StillInHosp

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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Definition	Indicate if, at the time of data submission , the patient remains an inpatient in the hospital.	Indicate if, at the time of data submission, the patient remains an inpatient in the hospital.
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4210 **Hospital Discharge Date** ShortName: DischDt

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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LongName	Discharge Date	Hospital Discharge Date
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4220 **Hospital Discharge Status** ShortName: MtDCStat

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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LongName	Discharge Status	Hospital Discharge Status
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HarvestCode=1	Alive	<choice was deleted>
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HarvestCode=2	Dead	<choice was deleted>
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HarvestCode=3	<blank>	<New choice added> Discharged Alive, last known status Alive (other than hospice)
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HarvestCode=4	<blank>	<New choice added> Discharged Alive, died after discharge
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HarvestCode=5	<blank>	<New choice added> Discharged to Hospice
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HarvestCode=6	<blank>	<New choice added> Died in Hospital
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4230 **Discharge Location** ShortName: DisLoctn

<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
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ParentHarvestCodes	1	3 4
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ParentValue	= "Alive"	= "Discharged Alive, last known status Alive (other than hospice)" or "Discharged Alive, died after discharge"
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HarvestCode=5

Hospice

<choice was deleted>

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4235 **Discharged With Chest Tube**

ShortName: CTubeDis

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	3 4
ParentValue	= "Alive"	= "Discharged Alive, last known status Alive (other than hospice)" or "Discharged Alive, died after discharge"

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4240 **Discharged with home O2 (new; not using O2 pre-op)**

ShortName: DischHomeO2

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	3 4
ParentValue	= "Alive"	= "Discharged Alive, last known status Alive (other than hospice)" or "Discharged Alive, died after discharge"

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4270 **Readmission within 30 days of Discharge**

ShortName: Readm30Dis

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	1	3 4
ParentValue	= "Alive"	= "Discharged Alive, last known status Alive (other than hospice)" or "Discharged Alive, died after discharge"

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4290 **Substance Use Screening and Counseling**

ShortName: DCSubUseScre

Detail changed:	Changed from:	Changed to:
Core	<Blank>	Yes
DataSource	<Blank>	User
DBTableName	<Blank>	Operations
Definition	<Blank>	Indicate if substance use screening and appropriate counseling was performed. This is NQF measure 2597. Patients require screening on tobacco use, alcohol use, and illicit/non-prescription drug use. Patient must be screened for all three. If the patient screens positive for any listed substance use, appropriate counseling is required to choose yes for this field.
Harvest	<Blank>	Yes
LongName	<Blank>	Substance Use Screening and Counseling
ParentHarvestCodes	<Blank>	3 4
ParentShortName	<Blank>	MtDCStat
ParentValue	<Blank>	= "Discharged Alive, last known status Alive (other than hospice)" or "Discharged Alive, died after discharge"

RequiredForRecordInclusion	<Blank>	No
ShortName	<Blank>	DCSubUseScre
VendorDataType	<Blank>	Text (categorical values specified by STS)
HarvestCode=1	<blank>	<New choice added> Yes
HarvestCode=2	<blank>	<New choice added> No
HarvestCode=3	<blank>	<New choice added> Not Applicable

4300 **Mortality Date** ShortName: MortDate

Detail changed:	Changed from:	Changed to:
ParentHarvestCodes	<Blank>	4 5
ParentShortName	<Blank>	MtDCStat
ParentValue	<Blank>	= "Discharged Alive, died after discharge" or "Discharged to Hospice"

4320 **Anastomotic leak - Additional Chest Tube Placement** ShortName: PosOpProcALTube

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

4330 **Chylothorax Present** ShortName: ChyloPres

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

4340 **Chylothorax requiring surgical ligation of thoracic duct** ShortName: PosOpProcChylothro

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

4350 **Chylothorax - Thoracic duct embolization attempted** ShortName: PosOpProcEmboli

Detail changed:	Changed from:	Changed to:
		Field no longer being collected
Harvest	Yes	No

4360	<b>Chylothorax - Thoracic duct embolization successful</b>	ShortName: PosOpProcDuctSucc
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4370	<b>Atelectasis Requiring Bronchoscopy</b>	ShortName: Atelectasis
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4380	<b>Other Pulmonary Event</b>	ShortName: OtherPul
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4390	<b>Other Cardiovascular Event</b>	ShortName: OtherCV
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4400	<b>Anastomosis Requiring Medical Treatment Only</b>	ShortName: AnastoMed
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4410	<b>Dilation Of The Esophagus</b>	ShortName: DilationEsoph
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4420	<b>Conduit Necrosis Requiring Surgery</b>	ShortName: CondNecSurg
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4430	<b>Clostridium Difficile Infection</b>	ShortName: CDiff
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>



			Field no longer being collected
	Harvest	Yes	No
4440	<b>Any Other GI Event</b>		ShortName: OtherGI
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4450	<b>Other Neurological Event</b>		ShortName: OtherNeuro
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4460	<b>Chylothorax Requiring Medical Intervention</b>		ShortName: ChyloMed
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4470	<b>Other events requiring OR with general anesthesia</b>		ShortName: OtherSurg
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4480	<b>Unexpected Admission To ICU</b>		ShortName: UnexpectAdmitICU
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4490	<b>Readmission Related To Operative Procedure</b>		ShortName: Readm30DisRel
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No
4500	<b>Date of Last Follow-Up</b>		ShortName: LFUDate
	<b>Detail changed:</b>	<b>Changed from:</b>	<b>Changed to:</b>
			Field no longer being collected
	Harvest	Yes	No

4510	<b>Mortality Status At Last Follow-Up</b>	ShortName: LFUMortStat
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4520	<b>IV antibiotics ordered to be given within 1 hour before</b>	ShortName: IVAntibioOrdered
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4530	<b>IV antibiotics given within 1 hour before incision</b>	ShortName: IVAntibioGiven
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4540	<b>Cephalosporin Antibiotic Ordered</b>	ShortName: CephalAntiOrdered
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4550	<b>Prophylactic Antibiotic Discontinuation Ordered within 24 hr</b>	ShortName: AntibioticDiscOrdered
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4560	<b>Smoking Cessation Counseling</b>	ShortName: SmokCoun
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No
4570	<b>DVT Prophylaxis Measures</b>	ShortName: DVTProphylaxis
	<b>Detail changed:</b>	<b>Changed from:</b>
		<b>Changed to:</b>
		Field no longer being collected
	Harvest	Yes
		No