STS Adult Cardiac Data Specifications

Version 2.61

August 24, 2007

A. Administrative

Field Name: **Software Vendor Identifier** *SeqNo:* 10

Short Name: VendorID *Core:* Yes

Harvest: Yes

Definition: Name (assigned by STS) given to identify software vendor (up to 8 characters). Vendors should use standard name identification across sites. Changes to Vendor Name Identification must be approved by the STS.

Harvest Coding:

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format: Text

Data Source: Automatic *Parent Field:*

ACCField: Mapped - Definition and coding *ParentShortName:*

ParentValue:

Field Name: **Software Version** *SeqNo:* 20

Short Name: SoftVrsn *Core:* Yes

Harvest: Yes

Definition: Vendor's software product name and version number identifying the software which created this record. Vendor controls the value in this field. Version passing certification/harvest testing will be noted at warehouse.

Harvest Coding:

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format: Text

Data Source: Automatic *Parent Field:*

ACCField: Not mapped *ParentShortName:*

ParentValue:

Field Name: **STS Data Version** *SeqNo:* 30

Short Name: DataVrsn *Core:* Yes

Harvest: Yes

Definition: Version number of the STS Data Specifications/Dictionary, to which each record conforms. It will identify which fields should have data, and what are the valid data for each field. This must be entered into the record automatically by the software.

Harvest Coding: "2.61"

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format:	Text		
Data Source:	Automatic	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Participant ID**	*SeqNo:*	40
Short Name:	ParticID	*Core:*	Yes
		Harvest:	Yes

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

Each participant's data if submitted to harvest must be in one data file. If one participant keeps their data in more than one file (e.g. at two sites), then the participant must combine them back into one file for harvest submission.
If two or more participants share a single purchased software, and enter cases into one database, then the data must be extracted into two different files, one for each participant ID, with each record having the correct participant ID number.

Harvest Coding:

Valid Data:	(Unique value assigned by STS to the Participant's records. If multiple Participants are using the same software and database, then the Participant ID for each record should be that value linked to the Surgeon name for that record.)
Usual Range:	10000 - 39999
Format:	Text - Length exactly 5

Data Source:	User or Automatic	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Record ID**	*SeqNo:*	50
Short Name:	RecordID	*Core:*	Yes
		Harvest:	Yes

Definition: An arbitrary, unique number that permanently identifies each record in the participant's database (note that unlike the PatID value, this does not identify the individual patient). Once assigned to a record, this number can never be changed or reused. The value by itself can be used to identify the record in the participant's database. When used in conjunction with the ParticID value, it can identify the record in the data warehouse database. The data warehouse will use this value to communicate issues about individual records with the participant. This value may also be used at the warehouse to link to other clinical data.

Harvest Coding:

Valid Data:	(unique permanent value for each record, generated automatically by software)
Usual Range:	
Format:	Integer

Data Source:	Automatic	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cost Link**	*SeqNo:* 60
Short Name:	CostLink	*Core:* Yes
		Harvest: Optional

Definition: A participant specified alpha-numeric code that can be used to link this record's clinical data with the participant's cost information for this patient admission. This information may be used in the future to perform procedure cost analysis (for which the actual cost data would have to be harvested separately). The value in this field must not be the patient's Medical Record Number, Social Security Number or any other patient identifying value.

Harvest Coding:

Valid Data: (free text)

Usual Range:

Format: Text

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**STS Trial Link Number**	*SeqNo:* 70
Short Name:	STSTLink	*Core:* Yes
		Harvest: Yes

Definition: Enter the number 1 (one) for a patient known to be in an IRB-approved clinical trial at the time of the surgical procedure.
Enter the number 9 (nine) for a patient known NOT to be in an IRB-approved clinical trial at the time of the surgical procedure.
Leave blank if it is not known whether or not the patient is enrolled in a clinical trial.

Harvest Coding: 1 = Patient known to be in an IRB-approved clinical trial
9 = Patient known not to be in an IRB-approved clinical trial

Valid Data: Patient known to be in an IRB-approved clinical trial; Patient known not to be in an IRB-approved clinical trial

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Patient ID**	*SeqNo:* 80
Short Name:	PatID	*Core:* Yes
		Harvest: Yes

Definition: This is an arbitrary number (not a recognizable ID like SSN or Medical Record Number) that uniquely and permanently identifies each patient. Once assigned to a patient, this can never be changed or reused. If a patient is admitted to the hospital more than once, each record for that patient will have the same value in this field

Harvest Coding:

Valid Data: (unique arbitrary permanent value for each patient, generated automatically by software)

Usual Range:

Format:	Integer

Data Source:	Automatic	*Parent Field:*
ACCField:	Mapped - Definition and coding	*ParentShortName:*
		ParentValue:

Field Name:	**Record Complete?**	*SeqNo:* 90
Short Name:	RecComp	*Core:* No
		Harvest: No

Definition: Indicates whether the record data is complete or not. This entry is made by the software data quality check process. This field does not impact a procedure's harvest status. It is intended as an internal quality control field for data managers at site.

Harvest Coding: 1 = Yes
2 = No

Valid Data: (calculated)

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	Calculated	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

B. Demographics

Field Name:	**Patient Last Name**	*SeqNo:* 100
Short Name:	PatLName	*Core:* Yes
		Harvest: Optional

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

Harvest Coding:

Valid Data: (free text)

Usual Range:

Format: Text

Data Source:	User	*Parent Field:*
ACCField:	Mapped - Definition and coding	*ParentShortName:*
		ParentValue:

Field Name:	**Patient First Name**	*SeqNo:* 110
Short Name:	PatFName	*Core:* Yes
		Harvest: Optional

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

Harvest Coding:

Valid Data: (free text)

Usual Range:

Format:	Text		
Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**Patient M.I.**	*SeqNo:*	120
Short Name:	PatMInit	*Core:*	Yes
		Harvest:	Optional

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

Harvest Coding:

Valid Data:	(free text)		
Usual Range:			
Format:	Text - Length exactly 1		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Date of Birth**	*SeqNo:*	130
Short Name:	DOB	*Core:*	Yes
		Harvest:	Optional

Definition: Indicate the patient's date of birth using 4-digit format for year. This field should be collected in compliance with state/local privacy laws.

Harvest Coding:

Valid Data:	(Before system date)		
Usual Range:	(Greater than 18 years before system date)		
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**Patient Age**	*SeqNo:*	140
Short Name:	Age	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the patient's age in years, at time of surgery. This should be calculated from the date of birth and the date of surgery, according to the convention used in the USA (the number of birthdate anniversaries reached by the date of surgery). If age is less than 18, the data record will be accepted into the database, but will not be included in the national analysis and report.

Harvest Coding:

Valid Data:	(calculated)		
Usual Range:	18 - 100		

Format:	Integer

Data Source:	Calculated	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Sex**	*SeqNo:* 150
Short Name:	Gender	*Core:* Yes
		Harvest: Yes

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

Harvest Coding: 1 = Male
2 = Female

Valid Data: Male; Female

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Mapped - Definition and coding	*ParentShortName:*
		ParentValue:

Field Name:	**Social Security #**	*SeqNo:* 160
Short Name:	SSN	*Core:* Yes
		Harvest: Optional

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

Harvest Coding:

Valid Data: (valid format)

Usual Range:

Format: Text

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Medical Record Number**	*SeqNo:* 170
Short Name:	MedRecN	*Core:* Yes
		Harvest: Optional

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

Harvest Coding:

Valid Data: (free text)

Usual Range:

Format: Text

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Health Insurance Claim Number**	*SeqNo:*	171
Short Name:	HICNumber	*Core:*	Yes
		Harvest:	Optional

Definition: Indicate the Health Insurance Claim (HIC) number of the primary beneficiary. This is an 11-digit number that uniquely identifies an individual for a claim.   This field should be collected in compliance with state/local privacy laws.

Harvest Coding:

Valid Data:

Usual Range:

Format:	Text

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Patient ZIP Code**	*SeqNo:*	180
Short Name:	PatZIP	*Core:*	Yes
		Harvest:	Optional

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

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

Harvest Coding:

Valid Data:	(valid format)

Usual Range:

Format:	Text

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Race**	*SeqNo:*	190
Short Name:	Race	*Core:*	No
		Harvest:	No

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

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

Valid Data:	Caucasian; Black; Hispanic; Asian; Native American; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**Race - White**	*SeqNo:*	191
Short Name:	RaceCaucasian	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient's race, as determined by the patient or family, includes White. This includes a person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

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

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name:	**Race - Black / African American**	*SeqNo:*	192
Short Name:	RaceBlack	*Core:*	Yes
		Harvest:	Yes

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

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

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name: **Race - Asian**   *SeqNo:* 193

Short Name: RaceAsian   *Core:* Yes

                                                                                                   Harvest: Yes

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

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

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition only   *ParentShortName:*

                                                             ParentValue:

- -

Field Name: **Race - American Indian / Alaskan Native**   *SeqNo:* 194

Short Name: RaceNativeAm   *Core:* Yes

                                                                                                   Harvest: Yes

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

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

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition only   *ParentShortName:*

                                                             ParentValue:

- -

Field Name: **Race - Native Hawaiian / Pacific Islander**   *SeqNo:* 195

Short Name: RacNativePacific   *Core:* Yes

                                                                                                   Harvest: Yes

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

/ Pacific Islander. This includes a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

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

Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name:	**Race - Other**	*SeqNo:*	196
Short Name:	RaceOther	*Core:*	Yes
		Harvest:	Yes

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

Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Hispanic or Latino Ethnicity**	*SeqNo:*	199
Short Name:	Ethnicity	*Core:*	Yes
		Harvest:	Yes

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

Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name: **Referring Card-Cardiologist**   *SeqNo:* 200

Short Name: RefCard   *Core:* Yes

                                                                              Harvest: No

Definition: Indicate the referring cardiologist's name.

Harvest Coding:

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

Usual Range:

Format: Text (categorical values specified by User)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                          ParentValue:

Field Name: **Referring Physician**   *SeqNo:* 210

Short Name: RefPhys   *Core:* Yes

                                                                              Harvest: No

Definition: Indicate the referring physician's name.

Harvest Coding:

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

Usual Range:

Format: Text (categorical values specified by User)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                          ParentValue:

C. Hospitalization

Field Name: **Hospital Name**   *SeqNo:* 220

Short Name: HospName   *Core:* Yes

                                                                              Harvest: Yes

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

Harvest Coding:

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

Usual Range:

Format: Text (categorical values specified by User)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition and coding   *ParentShortName:*

                                                          ParentValue:

Field Name: **Hospital ZIP Code**   *SeqNo:* 230

Short Name: HospZIP   *Core:* Yes

        Harvest: Yes

Definition: Indicate the ZIP Code of the hospital. Outside the USA, these data may be known by other names such as Postal Code (needing 6 characters).

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

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

Harvest Coding:

Valid Data: (elements of user list)

Usual Range:

Format: Text (categorical values specified by User)

Data Source:	Lookup	*Parent Field:*	Hospital Name
ACCField:	Not mapped	*ParentShortName:*	HospName
		ParentValue:	Is Not Missing

Field Name: **Hospital State**   *SeqNo:* 240

Short Name: HospStat   *Core:* Yes

        Harvest: Yes

Definition: Indicate the abbreviation of the state or province in which the hospital is located.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 2

Data Source:	Lookup	*Parent Field:*	Hospital Name
ACCField:	Not mapped	*ParentShortName:*	HospName
		ParentValue:	Is Not Missing

Field Name: **Hospital National Provider Identifier**   *SeqNo:* 241

Short Name: HospNPI   *Core:* Yes

        Harvest: Yes

Definition: Indicate the hospital's National Provider Identifier (NPI). This number, assigned by the Center for Medicare and Medicaid Services (CMS), is used to uniquely identify facilities for Medicare billing purposes.

Harvest Coding:

Valid Data: (elements of user list)

Usual Range:

Format: Text (categorical values specified by User)

Data Source:	Lookup	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name: **Payor**   *SeqNo:* 245

Short Name: Payor   *Core:* No

                         Harvest: No

Definition: Indicate the patient's primary insurance payor for this admission such as, but not limited to:
    1. Government: Government insurance refers to patients who are covered by government-reimbursed care. In the U.S., this includes, Medicare, Medicaid, (including all state/federal Medicaid-type programs), TriCare and the Veteran's Administration health plan.
    2. Commercial: Commercial refers to all indemnity (fee-for-service) carriers and Preferred Provider Organizations (PPOs) (e.g. Blue Cross/Blue Shield).
    3. HMO: HMO refers to a Health Maintenance Organization characterized by coverage that provides health care services for members on a pre-paid basis.
    4. None: None refers to individuals with no or limited health insurance; thus, the individual is the payor regardless of ability to pay. Only mark "None" when "self" or "none" is denoted as the first insurance in the medical record.
    5. International patient: International patient refers to individuals who reside in and have a health insurance in another country and/or may be self pay.

Harvest Coding:

Valid Data: (elements of user list)

Usual Range:

Format: Text (categorical values specified by User)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition only   *ParentShortName:*

                        ParentValue:

Field Name: **Payor - Government Health Insurance**   *SeqNo:* 247

Short Name: PayorGov   *Core:* Yes

                         Harvest: Yes

Definition: Indicate whether government insurance was used by the patient to pay for part or all of this admission. Government insurance refers to patients who are covered by government-reimbursed care. This includes Medicare, Medicaid, Military Health Care (e.g. TriCare), State-Specific Plan, and Indian Health Service.

Harvest Coding: 1 = Yes
        2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition only   *ParentShortName:*

                        ParentValue:

Field Name: **Payor - Government Health Insurance - Medicare**   *SeqNo:* 248

Short Name: PayorGovMcare   *Core:* Yes

                         Harvest: Yes

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

Harvest Coding: 1 = Yes

2 = No

Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	Payor - Government Health Insurance
ACCField:	Mapped - Definition only	*ParentShortName:*	PayorGov
		ParentValue:	= "Yes"

Field Name:	**Payor - Government Health Insurance - Medicaid**	*SeqNo:*	249
Short Name:	PayorGovMcaid	*Core:*	Yes
		Harvest:	Yes

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

Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	Payor - Government Health Insurance
ACCField:	Mapped - Definition only	*ParentShortName:*	PayorGov
		ParentValue:	= "Yes"

Field Name:	**Payor - Government Health Insurance - Military Health Care**	*SeqNo:*	250
Short Name:	PayorGovMil	*Core:*	Yes
		Harvest:	Yes

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

Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	Payor - Government Health Insurance
ACCField:	Mapped - Definition only	*ParentShortName:*	PayorGov
		ParentValue:	= "Yes"

Field Name:	**Payor - Government Health Insurance - State-Specific Plan**	*SeqNo:*	251
Short Name:	PayorGovState	*Core:*	Yes
		Harvest:	Yes

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

included State-Specific Plan.

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Payor - Government Health Insurance
ACCField:	Mapped - Definition only	*ParentShortName:*	PayorGov
		ParentValue:	= "Yes"

Field Name:	**Payor - Government Health Insurance - Indian Health Service**	*SeqNo:*	252
Short Name:	PayorGovIHS	*Core:*	Yes
		Harvest:	Yes

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

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Payor - Government Health Insurance
ACCField:	Mapped - Definition only	*ParentShortName:*	PayorGov
		ParentValue:	= "Yes"

Field Name:	**Payor - Commercial Health Insurance**	*SeqNo:*	254
Short Name:	PayorCom	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether commercial insurance was used by the patient to pay for part or all of this admission. Commercial insurance refers to all indemnity (fee-for-service) carriers and Preferred Provider Organizations (PPOs), (e.g., Blue Cross and Blue Shield).

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Payor - Health Maintenance Organization**	*SeqNo:*	255
Short Name:	PayorHMO	*Core:*	Yes

Harvest: Yes

Definition: Indicate whether a Health Maintenance Organization (HMO) insurance was used by the patient to pay for part or all of this admission. HMO refers to a Health Maintenance Organization characterized by coverage that provides health care services for members on a pre-paid basis.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Payor - Non-U.S. Insurance**	*SeqNo:* 256
Short Name:	PayorNonUS	*Core:* Yes
		Harvest: Yes

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

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name:	**Payor - None / Self**	*SeqNo:* 257
Short Name:	PayorNS	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether no insurance was used by the patient to pay for this admission. None refers to individuals with no or limited health insurance; thus, the individual is the payor regardless of ability to pay. Only mark "None" when "self" or "none" is denoted as the first insurance in the medical record.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name: **Date of Admission**   *SeqNo:* 260

Short Name: AdmitDt   *Core:* Yes

                                                                                                Harvest: Yes

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

Harvest Coding:

Valid Data: (Between DOB and system date)

Usual Range: (Within 1 year before system date)

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition and coding   *ParentShortName:*

                                                             ParentValue:

Field Name: **Date of Surgery**   *SeqNo:* 270

Short Name: SurgDt   *Core:* Yes

                                                                                                Harvest: Yes

Definition: Indicate the date of surgery (the date the patient enters the operating room).

Harvest Coding:

Valid Data: (Between Admission and system date)

Usual Range: (Within 1 year before system date)

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                             ParentValue:

Field Name: **Date of Discharge**   *SeqNo:* 280

Short Name: DischDt   *Core:* Yes

                                                                                                Harvest: Yes

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

Harvest Coding:

Valid Data: (Between Surgery and system date)

Usual Range: (Within 1 year before system date)

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition and coding   *ParentShortName:*

                                                             ParentValue:

Field Name: **ICU Visit**   *SeqNo:* 300

Short Name: ICUVisit   *Core:* Yes

                                                                                                Harvest: Yes

Definition: Indicate whether the patient received ICU level of care immediately following the initial surgery. Include ICU unit, post-anesthesia recovery, and other similar critical care environments.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Initial ICU hours**	*SeqNo:* 310
Short Name:	ICUInHrs	*Core:* Yes
		Harvest: Yes

Definition: Indicate the number of hours the patient received ICU level of care immediately following the initial surgery until the time of physical transfer out of ICU. Include ICU unit, post-anesthesia recovery, and other similar critical care environments.

For those sites who provide postop ICU level of care in one single stay unit (admission to ICU to hospital discharge), document the number of hours immediately following the initial surgery until a physician order is written to change the level of care provided.

Harvest Coding:

Valid Data: 0.1 - 5000.0

Usual Range: 1.0 - 100.0

Format: Real

Data Source:	User	*Parent Field:*	ICU Visit
ACCField:	Not mapped	*ParentShortName:*	ICUVisit
		ParentValue:	= "Yes"

Field Name:	**Readmission to ICU**	*SeqNo:* 320
Short Name:	ICUReadm	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient spent time in an ICU after having been transferred to a step-down unit (lower level care). Specific situations are described below:
OR -> ICU -> OR -> ICU = No
OR -> ICU -> STEP DOWN -> ICU = Yes
OR -> STEP DOWN -> ICU = Yes

Single care unit:
Code ICU readmission when the level of care increases and is noted in the physician order.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Additional ICU Hours**	*SeqNo:* 330	
Short Name:	ICUAdHrs	*Core:* Yes	
		Harvest: Yes	

Definition: Indicate the number of additional hours spent in the ICU, or at the equivalent higher level of care in single stay units.

Harvest Coding:

Valid Data:	0.1 - 5000.0	
Usual Range:	1.0 - 100.0	
Format:	Real	
Data Source:	User	*Parent Field:* Readmission to ICU
ACCField:	Not mapped	*ParentShortName:* ICUReadm
		ParentValue: = "Yes"

Field Name:	**Total Hrs ICU**	*SeqNo:* 340	
Short Name:	TotHrICU	*Core:* Yes	
		Harvest: Yes	

Definition: Indicate the total number of hours post operation for which the patient was in the ICU. Leave blank if the patient expired in the OR during the initial surgery. Enter zero (0) if patient was never in post-anesthesia recovery or other similar critical care environment.

Harvest Coding:

Valid Data:	0.0 - 10000.0	
Usual Range:	1.0 - 100.0	
Format:	Real	
Data Source:	User or Calculated	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

D. Risk Factors

Field Name: **Weight (kg)**   *SeqNo:* 350
Short Name: WeightKg   *Core:* Yes
                                                                                                    Harvest: Yes

Definition: Indicate the weight of the patient in kilograms closest to the date of surgery.

Harvest Coding:

Valid Data: 10.0 - 250.0

Usual Range: 40.0 - 136.0

Format: Real

Data Source: User   *Parent Field:*
ACCField: Not mapped   *ParentShortName:*
                                                    ParentValue:

Field Name: **Height (cm)**   *SeqNo:* 360
Short Name: HeightCm   *Core:* Yes
                                                                                                    Harvest: Yes

Definition: Indicate the height of the patient in centimeters.

Harvest Coding:

Valid Data: 20.0 - 251.0

Usual Range: 122.0 - 213.0

Format: Real

Data Source: User   *Parent Field:*
ACCField: Mapped - Definition and coding   *ParentShortName:*
                                                             ParentValue:

Field Name: **RF-Smoker**   *SeqNo:* 370
Short Name: Smoker   *Core:* No
                                                                                                    Harvest: No

Definition: Indicate whether the patient has history confirming any form of tobacco use in the past (cigarettes, cigar, tobacco chew, etc.).

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*
ACCField: Not mapped   *ParentShortName:*
                                                    ParentValue:

Field Name: **RF-Smoker-Current**   *SeqNo:* 380

Short Name:	SmokCurr		*Core:* No
			Harvest: No

Definition: Indicate whether the patient is a current smoker. Patients with a use of tobacco (cigarettes, cigar, tobacco chew etc.) within one month of surgery are considered to be current smokers.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	RF-Smoker
ACCField:	Not mapped	*ParentShortName:*	Smoker
		ParentValue:	= "Yes"

Field Name:	**Current Or Recent Cigarette Smoker**		*SeqNo:* 385
Short Name:	CigSmoker		*Core:* Yes
			Harvest: Yes

Definition: Indicate if the patient has smoked cigarettes anytime during the year prior to surgery.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Family History CAD**		*SeqNo:* 390
Short Name:	FHCAD		*Core:* Yes
			Harvest: Yes

Definition: Indicate if the patient has/had any direct blood relatives (parents, siblings, children) who have had any of the following DIAGNOSED at age less than 55 years for male relatives or less than 65 years for female relatives:
   1. Coronary Artery Disease (angina, previous CABG or PCI)
   2. MI
   3. Sudden cardiac death without obvious cause.
If the patient is adopted, or the family history is unavailable, code "No".

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	

ParentValue:

Field Name: **RF-Last Hematocrit**   *SeqNo:* 391

Short Name: Hct   *Core:* Yes

                                                                                                Harvest: Yes

Definition: Indicate the pre-operative Hematocrit level at the date and time closest to surgery.

Harvest Coding:

Valid Data: 10 - 70

Usual Range: 39 - 53

Format: Integer

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                           ParentValue:

Field Name: **RF-Last WBC Count**   *SeqNo:* 392

Short Name: WBC   *Core:* Yes

                                                                                                Harvest: Yes

Definition: Indicate the pre-operative White Blood Cell (WBC) count closest to the date and time prior to surgery

Harvest Coding:

Valid Data: 0.1 - 50.0

Usual Range: 4.0 - 15.0

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                           ParentValue:

Field Name: **RF-Diabetes**   *SeqNo:* 400

Short Name: Diabetes   *Core:* Yes

                                                                                                Harvest: Yes

Definition: Indicate whether the patient has a history of diabetes, regardless of duration of disease or need for anti-diabetic agents. Includes on admission or preoperative diagnosis. Does not include gestational diabetes.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Mapped - Definition and coding   *ParentShortName:*

                                                           ParentValue:

Field Name: **RF-Diabetes-Control**   *SeqNo:* 410

Short Name: DiabCtrl   *Core:* Yes

                                                                                               Harvest: Yes

Definition: Indicate the method of diabetic control. Code the control method patient presented with on admission. Patients placed on a pre-operative diabetic pathway of Insulin drip but at admission were controlled with NONE, diet or oral method are not coded as insulin dependent. Choices are:
None = No treatment for diabetes.
Diet = Diet treatment only.
Oral = Oral agent treatment (includes oral agent with/without diet treatment).
Insulin = Insulin treatment (includes any combination with insulin).
Other = Other adjunctive therapy

Harvest Coding: 1 = None
2 = Diet
3 = Oral
4 = Insulin
5 = Other

Valid Data: None; Diet; Oral; Insulin; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* RF-Diabetes

ACCField: Mapped - Definition and coding   *ParentShortName:* Diabetes

                                                    ParentValue: = "Yes"

Field Name: **RF-Last A1c Level**   *SeqNo:* 412

Short Name: A1cLvl   *Core:* Yes

                                                                                               Harvest: Yes

Definition: Indicate the pre-operative HbA1c level closest to the date and time prior surgery.

Harvest Coding:

Valid Data: 1.0 - 20.0

Usual Range: 4.0 - 8.0

Format: Real

Data Source: User   *Parent Field:* RF-Diabetes

ACCField: Not mapped   *ParentShortName:* Diabetes

                                                    ParentValue: = "Yes"

Field Name: **RF-Dyslipidemia**   *SeqNo:* 420

Short Name: Hyprchol   *Core:* No

                                                                                               Harvest: No

Definition: Indicate if the patient has a prior history of dyslipidemia diagnosed and/or treated by a physician. Criteria can include documentation of:
1 Total cholesterol greater than 200 mg/dl, or
2. LDL greater than or equal to 130 mg/dl, or
3. HDL less than 30 mg/dl, or
4. Admission cholesterol greater than 200 mg/dl, or
5. Triglycerides greater than 150 mg/dl.

Note: If treatment was initiated because the LDL was >100 mg/dl (2.59 mmole/l) in patients with known coronary artery disease, this would quantify as a "Yes". Any pharmacological treatment qualifies as a "Yes".

Harvest Coding:	1 = Yes
	2 = No

Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name:	**Dyslipidemia**	*SeqNo:*	421
Short Name:	Dyslip	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate if the patient has a prior history of dyslipidemia diagnosed and/or treated by a physician. As per National Cholesterol Education Program criteria can include documentation of:
 1 Total cholesterol greater than 200 mg/dl, or
 2. LDL greater than or equal to 130 mg/dl, or
 3. HDL less than 40 mg/dl

Note: If treatment was initiated because the LDL was >100 mg/dl (2.59 mmole/l) in patients with known coronary artery disease, this would quantify as a "Yes". Any pharmacological treatment qualifies as a "Yes".

Harvest Coding:	1 = Yes
	2 = No

Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Last Creat Lvl**	*SeqNo:*	430
Short Name:	CreatLst	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the creatinine level closest to the date and time prior surgery.

 A creatinine level should be collected on all patients, even if they have no prior history. A creatinine value is a high predictor of a patient's outcome and is used in the predicted risk models.

Harvest Coding:	
Valid Data:	0.1 - 30.0
Usual Range:	0.1 - 9.0
Format:	Real

Data Source:	User	*Parent Field:*	

| *ACCField:* | Not mapped | *ParentShortName:* | |
| | | *ParentValue:* | |

Field Name:	**RF-Renal Fail**	*SeqNo:* 440
Short Name:	RenFail	*Core:* No
		Harvest: No

Definition: Indicate whether the patient has 1) a documented history of renal failure and/or 2) a history of creatinine > 2.0. Prior renal transplant patients are not included as pre-op renal failure unless since transplantation their creatinine has been or currently is > 2.0.

| *Harvest Coding:* | 1 = Yes |
| | 2 = No |

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition only	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Renal Fail-Dialysis**	*SeqNo:* 450
Short Name:	Dialysis	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient is currently undergoing dialysis.

| *Harvest Coding:* | 1 = Yes |
| | 2 = No |

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Hypertension**	*SeqNo:* 460
Short Name:	Hypertn	*Core:* Yes
		Harvest: Yes

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

| *Harvest Coding:* | 1 = Yes |
| | 2 = No |

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Infect Endocard**	*SeqNo:* 490
Short Name:	InfEndo	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient has a history of infectious endocarditis documented by one of the following:
1. positive blood cultures
2. vegetation on echocardiography and/or other diagnostic modality
3. documented history of infectious endocarditis

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**RF-Infect Endocard Type**	*SeqNo:* 500
Short Name:	InfEndTy	*Core:* Yes
		Harvest: Yes

Definition: Indicate the type of endocarditis the patient has. If the patient is currently being treated for endocarditis, the disease is considered active. If no antibiotic medication (other than prophylactic medication) is being given at the time of surgery, then the infection is considered treated.

Harvest Coding: 1 = Treated
2 = Active

Valid Data: Treated; Active

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	RF-Infect Endocard
ACCField:	Not mapped	*ParentShortName:*	InfEndo
		ParentValue:	= "Yes"

Field Name:	**RF-Chronic Lung Dis**	*SeqNo:* 510
Short Name:	ChrLungD	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient has chronic lung disease, and the severity level according to the following classification:
No;

Mild: FEV1 60% to 75% of predicted, and/or on chronic inhaled or oral bronchodilator therapy.
Moderate: FEV1 50% to 59% of predicted, and/or on chronic steroid therapy aimed at lung disease.
Severe: FEV1 <50% predicted, and/or Room Air pO2 < 60 or Room Air pCO2 > 50.

Harvest Coding: 1 = No
                     2 = Mild
                     3 = Moderate
                     4 = Severe

Valid Data: No; Mild; Moderate; Severe

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                       ParentValue:

Field Name: **RF-Immunosuppressive Rx**   *SeqNo:* 520

Short Name: ImmSupp   *Core:* Yes

                                       Harvest: Yes

Definition: Indicate whether the patient has used any form of immunosuppressive therapy within 30 days preceding the operative procedure. This includes, but is not limited to inhaled or systemic steroid therapy and chemotherapy. This does not include topical applications, one time systemic therapy, or preoperative protocol.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                         ParentValue:

Field Name: **RF - Peripheral Arterial Disease**   *SeqNo:* 530

Short Name: PVD   *Core:* Yes

                                       Harvest: Yes

Definition: Indicate whether the patient has a history of peripheral arterial disease (includes upper and lower extremity, renal, mesenteric, and abdominal aortic systems). This can include:
1. Claudication , either with exertion or at rest,
2. Amputation for arterial vascular insufficiency,
3. Vascular reconstruction, bypass surgery, or percutaneous intervention to the extremities (excluding dialysis fistulas and vein stripping),
4. Documented aortic aneurysm with or without repair,
5. Positive noninvasive test (e.g., ankle brachial index =< 0.9, ultrasound, magnetic resonance or computed tomography imaging of > 50% diameter stenosis in any peripheral artery, i.e., renal, subclavian, femoral, iliac).

Peripheral arterial disease excludes disease in the carotid or cerebrovascular arteries.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by STS)	
Data Source:	User	*Parent Field:*
ACCField:	Mapped - Definition and coding	*ParentShortName:*
		ParentValue:

Field Name:	**RF-Cerebrovascular Dis**	*SeqNo:* 540
Short Name:	CVD	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient has Cerebro-Vascular Disease, documented by any one of the following: CVA (symptoms > 24 hrs after onset, presumed to be from vascular etiology); TIA (recovery within 24 hrs); Non-invasive carotid test with > 79% diameter occlusion.; or Prior carotid surgery. Does not include neurological disease processes such as metabolic and/or anoxic ischemic encephalopathy.

Harvest Coding: 1 = Yes
2 = No

Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by STS)	
Data Source:	User	*Parent Field:*
ACCField:	Mapped - Definition and coding	*ParentShortName:*
		ParentValue:

Field Name:	**RF-Cerebrovascular Dis Type**	*SeqNo:* 550
Short Name:	CVDType	*Core:* No
		Harvest: No

Definition: Indicate whether the patient has a history of cerebrovascular disease, documented by any one of the following:
1. Unresponsive Coma greater than 24 hours: Patient experienced complete mental unresponsiveness and no evidence of psychological or physiologically appropriate responses to stimulation.
2. Cerebrovascular Accident (CVA): Patient has a history of stroke, i.e., loss of neurological function with residual symptoms at least 72 hours after onset.
3. Reversible Ischemic Neurologic Deficit (RIND): Patient has a history of loss of neurological function with symptoms at least 24 hours after onset but with complete return of function within 72 hours.
4. Transient Ischemic Attack (TIA): Patient has a history of loss of neurological function that was abrupt in onset but with complete return of function within 24 hours.
5. Non-invasive/invasive carotid test with greater than 75% occlusion.
6. Previous carotid artery surgery.

If more than one, select the most recent to the operative procedure.

Harvest Coding: 1 = Coma
2 = CVA
3 = RIND
4 = TIA
5 = NonInvas >75%
6 = Prior Carotid Surgery

Valid Data: Coma; CVA; RIND; TIA; NonInvas >75%; Prior Carotid Surgery

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   RF-Cerebrovascular Dis

ACCField: Not mapped   *ParentShortName:* CVD

                                                                ParentValue: = "Yes"

Field Name: **RF-Coma**   *SeqNo:* 551

Short Name: CVDComa   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate whether the patient has a history of Unresponsive Coma greater than 24 hours: Patient experienced complete mental unresponsiveness and no evidence of psychological or physiologically appropriate responses to stimulation.

Harvest Coding: 1 = Yes
                              2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   RF-Cerebrovascular Dis

ACCField: Not mapped   *ParentShortName:* CVD

                                                                ParentValue: = "Yes"

Field Name: **RF-CVA**   *SeqNo:* 552

Short Name: CVA   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate whether the patient has a history of stroke (i.e., any confirmed neurological deficit of abrupt onset caused by a disturbance in cerebral blood supply) that did not resolve within 24 hours.

Harvest Coding: 1 = Yes
                              2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   RF-Cerebrovascular Dis

ACCField: Mapped - Definition and coding   *ParentShortName:* CVD

                                                                ParentValue: = "Yes"

Field Name: **RF-CVA-When**   *SeqNo:* 553

Short Name: CVAWhen   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate when the CVA events occurred. Those events occurring within two weeks of the surgical procedure are considered recent, while all others are considered remote.

Harvest Coding: 1 = Recent (<=2 wk.)
                              2 = Remote (>2 wk.)

Valid Data: Recent (<=2 wk.); Remote (>2 wk.)

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	RF-CVA
ACCField:	Not mapped	*ParentShortName:*	CVA
		ParentValue:	= "Yes"

Field Name: **RF-CVD RIND**   *SeqNo:* 554

Short Name: CVDRIND   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate whether the patient has a history of a Reversible Ischemic Neurologic Deficit (RIND): Patient has a history of loss of neurological function with symptoms at least 24 hours after onset but with complete return of function within 72 hours.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	RF-Cerebrovascular Dis
ACCField:	Not mapped	*ParentShortName:*	CVD
		ParentValue:	= "Yes"

Field Name: **RF-CVD TIA**   *SeqNo:* 555

Short Name: CVDTIA   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate whether the patient has a history of a Transient Ischemic Attack (TIA): Patient has a history of loss of neurological function that was abrupt in onset but with complete return of function within 24 hours.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	RF-Cerebrovascular Dis
ACCField:	Not mapped	*ParentShortName:*	CVD
		ParentValue:	= "Yes"

Field Name: **RF-CVD NonInvas >75%**   *SeqNo:* 556

Short Name: CVDNInvas   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate whether the patient has a history of a Non-invasive/invasive carotid test with greater than 75% occlusion.

Harvest Coding: 1 = Yes

2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* RF-Cerebrovascular Dis

ACCField: Not mapped   *ParentShortName:* CVD

                                                     ParentValue: = "Yes"

Field Name: **RF-CVD Prior Carotid Surgery**   *SeqNo:* 557

Short Name: CVDPCarSurg   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate whether the patient has a history of previous carotid artery surgery and/or stenting.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* RF-Cerebrovascular Dis

ACCField: Not mapped   *ParentShortName:* CVD

                                                     ParentValue: = "Yes"

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┌─────────────────────────────────────────────────────────────────────────┐
│                    E. Previous CV Interventions                           │
└─────────────────────────────────────────────────────────────────────────┘
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Field Name: **Prev CV Intervent**   *SeqNo:* 570

Short Name: PrCVInt   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate whether the patient has undergone any previous cardiovascular intervention, either surgical or non-surgical, which may include those done during the current admission. This may include hybrid procedures.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                     ParentValue:

Field Name: **Prev CAB**   *SeqNo:* 600

Short Name: PrCAB   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate whether the patient had a previous Coronary Bypass Graft prior to the current admission.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Prev CV Intervent
ACCField: Mapped - Definition and coding   *ParentShortName:* PrCVInt
                                                             ParentValue: = "Yes"

Field Name: **Prev Valve**   *SeqNo:* 610
Short Name: PrValve   *Core:* Yes
                                                             Harvest: Yes

Definition: Indicate whether the patient had a previous surgical replacement and/or surgical repair of a cardiac valve. This may also include percutaneous valve procedures.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Prev CV Intervent
ACCField: Mapped - Definition and coding   *ParentShortName:* PrCVInt
                                                             ParentValue: = "Yes"

Field Name: **Prev Oth Card**   *SeqNo:* 620
Short Name: PrOthCar   *Core:* Yes
                                                             Harvest: Yes

Definition: Indicate whether patient had a previous intrapericardial or great vessel procedure performed. Great vessels = aorta, superior vena cava, inferior vena cava, pulmonary arteries and veins. This may include, but is not limited to LVA, acquired VSD, Batista, SVR, TMR, cardiac trauma, pericardial window, cardiac tumor, or heart transplant.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Prev CV Intervent
ACCField: Not mapped   *ParentShortName:* PrCVInt
                                                             ParentValue: = "Yes"

Field Name: **Prev Oth Congenital**   *SeqNo:* 621
Short Name: PrOthCongen   *Core:* Yes
                                                             Harvest: Yes

Definition: Indicate whether patient had a previous congenital heart surgery and/or percutaneous procedure

performed. May include, but is not limited to VSD, ASD, TOF and PFO.

Harvest Coding:	1 = Yes
	2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Prev CV Intervent
ACCField:	Not mapped	*ParentShortName:*	PrCVInt
		ParentValue:	= "Yes"

Field Name:	**Prev Oth Card-AICD**	*SeqNo:*	630
Short Name:	PrOCAICD	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient had a previous implant of an Automatic Implantable Cardioverter/Defibrillator. This does not include lead placement only.

Harvest Coding:	1 = Yes
	2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Prev CV Intervent
ACCField:	Not mapped	*ParentShortName:*	PrCVInt
		ParentValue:	= "Yes"

Field Name:	**Prev Oth Card-Pacemaker**	*SeqNo:*	640
Short Name:	PrOCPace	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether a previous permanent pacemaker was placed anytime prior to this surgical procedure. This does not include lead placement only.

Harvest Coding:	1 = Yes
	2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Prev CV Intervent
ACCField:	Not mapped	*ParentShortName:*	PrCVInt
		ParentValue:	= "Yes"

Field Name:	**Prev Oth Card-Pacemaker-Type**	*SeqNo:*	650
Short Name:	POCPaceT	*Core:*	No
		Harvest:	No

Definition: Indicate whether the previous permanent pacemaker was univentricular or biventricular.

Univentricular: the right ventricle is paced, as opposed to the right and left ventricle being paced.
Right atria only paced = single chamber pacing
Right ventricle only paced = single chamber pacing
Right ventricle and right atria paced = dual chamber pacing

Biventricular: both the right and left ventricles are paced = Cardiac Resynchronization Therapy (CRT)

Harvest Coding:	1 = Biventricular 2 = Univentricular
Valid Data:	Biventricular; Univentricular
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Prev Oth Card-Pacemaker
ACCField:	Not mapped	*ParentShortName:*	PrOCPace
		ParentValue:	= "Yes"

Field Name:	**Prev Oth Card-PCI**		*SeqNo:* 660
Short Name:	POCPCI		*Core:* Yes
			Harvest: Yes

Definition: Indicate whether a previous Percutaneous Cardiac Intervention (PCI) was performed any time prior to this surgical procedure. PCI refers to those treatment procedures that unblock narrowed coronary arteries without performing surgery. PCI may include, but is not limited to:

1. Balloon Catheter Angioplasty, Percutaneous Transluminal Coronary Angioplasty (PTCA)
2. Rotational Atherectomy
3. Directional Atherectomy
4. Extraction Atherectomy
5. Laser Atherectomy
6. Intracoronary Stent Placement

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Prev CV Intervent
ACCField:	Not mapped	*ParentShortName:*	PrCVInt
		ParentValue:	= "Yes"

Field Name:	**Prev Oth Card-PCI-Stent**		*SeqNo:* 661
Short Name:	POCPCISt		*Core:* Yes
			Harvest: Yes

Definition: Indicate whether an intracoronary stent was used during the previous Percutaneous Cardiac Intervention (PCI).

Harvest Coding:	1 = Yes 2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Prev Oth Card-PCI

ACCField: Not mapped   *ParentShortName:* POCPCI

                                                            ParentValue: = "Yes"

Field Name: **Prev Oth Card-PCI-Stent Type**   *SeqNo:* 663

Short Name: POCPCIStTy   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate type of intracoronary stent placed.

Harvest Coding: 1 = Bare metal
                    2 = Drug-eluting
                    3 = Unknown

Valid Data: Bare metal ; Drug-eluting; Unknown

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Prev Oth Card-PCI-Stent

ACCField: Not mapped   *ParentShortName:* POCPCISt

                                                            ParentValue: = "Yes"

Field Name: **Prev Oth Card-PCI-Interval**   *SeqNo:* 670

Short Name: POCPCIIn   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate the interval of time between the previous PCI and the current surgical procedure.

Harvest Coding: 1 = <= 6 Hours
                    2 = > 6 Hours

Valid Data: <= 6 Hours; > 6 Hours

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Prev Oth Card-PCI

ACCField: Not mapped   *ParentShortName:* POCPCI

                                                            ParentValue: = "Yes"

Field Name: **Prev Oth Card-Other**   *SeqNo:* 671

Short Name: POCO   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate whether the patient has undergone any other previous cardiovascular intervention.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Prev CV Intervent
ACCField:	Not mapped	*ParentShortName:* PrCVInt
		ParentValue: = "Yes"

F. Preoperative Cardiac Status

Field Name: **MI**		*SeqNo:* 750
Short Name: MI		*Core:* No
		Harvest: No

Definition: Indicate whether the patient has a history of an MI.

For MI occurrence prior to current hospitalization, one of the following is necessary:

   1. MI documented in the medical record.
      OR
   2. EKG Documented Q wave. Q waves to be 0.03 seconds in width and/or > or = one third
     of the total QRS complex in two or more contiguous leads.

For MI occurrence during current hospitalization, two of the following three criteria are necessary:

   1. Ischemic symptoms in the presence or absence of chest discomfort.
     Ischemic symptoms may include:
       a) chest, epigastric, arm, wrist or jaw discomfort with exertion or at rest;
       b) unexplained nausea and vomiting;
       c) persistent shortness of breath secondary to left ventricular failure;
       d) unexplained weakness, dizziness, lightheadedness, diaphoresis or syncope.

   2. Enzyme level elevation. One of the following four are necessary:
      a) CK-MB:
        -Maximal value of CK-MB > 2 x the upper limit of normal on one occasion during
         the first hours after the index clinical event
           OR
        -Maximal value of CK-MB, preferable CK-MB mass, > upper limit of normal on two
         successive samples;
      b) CK > 2x the upper limit of normal;
      c) LDH subtype 1 > LDH subtype 2;
      d) Maximal concentration of troponin T or I > the MI decision limit on at least
       one occasion during the first 24 hours after the index clinical event.

   3. Serial ECG (at least two) showing changes from baseline or serially in ST-T.

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **Previous MI**   *SeqNo:* 751

Short Name: PrevMI   *Core:* Yes

        Harvest: Yes

Definition: Indicate if the patient has had at least one documented previous myocardial infarction at any time prior to this surgery. An acute myocardial infarction is evidenced by any of the following:

1. A rise and fall of cardiac biomarkers (preferably troponin) with at least one of the values in the abnormal range for that laboratory [typically above the 99th percentile of the upper reference limit (URL) for normal subjects] together with at least one of the following manifestations of myocardial ischemia:
    a. Ischemic symptoms;
    b. ECG changes indicative of new ischemia (new ST-T changes, new left bundle branch block, or loss of R wave voltage),
    c. Development of pathological Q waves in 2 or more contiguous leads in the ECG (or equivalent findings for true posterior MI);
    d. Imaging evidence of new loss of viable myocardium or new regional wall motion abnormality;
    e. Documentation in the medical record of the diagnosis of acute myocardial infarction based on the cardiac biomarker pattern in the absence of any items enumerated in a-d due to conditions that may mask their appearance (e.g., peri-operative infarct when the patient cannot report ischemic symptoms; baseline left bundle branch block or ventricular pacing)

2. Development of new pathological Q waves in 2 or more contiguous leads in the ECG, with or without symptoms.

3. Imaging evidence of a region with new loss of viable myocardium at rest in the absence of a non-ischemic cause. This can be manifest as:
    a. Echocardiographic, CT, MR, ventriculographic or nuclear imaging evidence of left ventricular thinning or scarring and failure to contract appropriately (i.e., hypokinesis, akinesis, or dyskinesis)
    b. Fixed (non-reversible) perfusion defects on nuclear radioisotope imaging (e.g., MIBI, thallium)

4. Medical records documentation of prior myocardial infarction.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

        ParentValue:

Field Name: **MI-When**   *SeqNo:* 760

Short Name: MIWhen   *Core:* Yes

        Harvest: Yes

Definition: Indicate the time period between the last documented myocardial infarction and surgery.

Harvest Coding: 1 = <=6 Hrs
                2 = >6 Hrs but <24 Hrs
                3 = 1 to 7 Days
                4 = 8 to 21 Days
                5 = >21 Days

Valid Data: <=6 Hrs; >6 Hrs but <24 Hrs; 1 to 7 Days; 8 to 21 Days; >21 Days

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Previous MI

ACCField: Not mapped   *ParentShortName:* PrevMI

                                                ParentValue: = "Yes"

Field Name: **Heart Failure**   *SeqNo:* 770

Short Name: CHF   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate whether, within 2 weeks prior to the initial surgical procedure, a physician has diagnosed
                 that the patient is currently in heart failure (HF). HF can be diagnosed based on careful history and
                 physical exam, or by one of the following criteria:

                 1. Paroxysmal nocturnal dyspnea (PND);
                 2. Dyspnea on exertion (DOE) due to heart failure;
                 3. Chest X-ray (CXR) showing pulmonary congestion;
                 4. Pedal edema or dyspnea, and receiving diuretics; or
                 5. Pulmonary edema.

                 Note: A low ejection fraction without clinical presentation does not qualify for history of heart
                 failure.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                ParentValue:

Field Name: **Classification-NYHA**   *SeqNo:* 775

Short Name: ClassNYH   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate the patient's highest New York Heart Association (NYHA) classification within 2 weeks
                 prior to surgery. NYHA classification represents the overall functional status of the patient in
                 relationship to both heart failure and angina.

                 Choose one of the following:

                 - Class I: Patient has cardiac disease but without resulting limitations of ordinary physical activity.
                 Ordinary physical activity (e.g., walking several blocks or climbing stairs) does not cause undue
                 fatigue, palpitation, dyspnea, or anginal pain. Limiting symptoms may occur with marked exertion.

                 - Class II: Patient has cardiac disease resulting in slight limitation of ordinary physical activity.
                 Patient is comfortable at rest. Ordinary physical activity such as walking more than two blocks or
                 climbing more than one flight of stairs results in limiting symptoms (e.g., fatigue, palpitation,
                 dyspnea, or anginal pain).

                 - Class III: Patient has cardiac disease resulting in marked limitation of physical activity. Patient is

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comfortable at rest. Less than ordinary physical activity (e.g., walking one to two level blocks or climbing one flight of stairs) causes fatigue, palpitation, dyspnea, or anginal pain.

- Class IV: Patient has dyspnea at rest that increases with any physical activity. Patient has cardiac disease resulting in inability to perform any physical activity without discomfort. Symptoms may be present even at rest. If any physical activity is undertaken, discomfort is increased.

Harvest Coding: 1 = Class I
                                2 = Class II
                                3 = Class III
                                4 = Class IV

Valid Data: Class I; Class II; Class III; Class IV

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Heart Failure
ACCField:	Not mapped	*ParentShortName:*	CHF
		ParentValue:	= "Yes"

Field Name:	**Angina**	*SeqNo:* 780
Short Name:	Angina	*Core:* No
		Harvest: No

Definition: Indicate whether the patient has ever had angina pectoris.

Harvest Coding: 1 = Yes
                                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Angina-Type**	*SeqNo:* 790
Short Name:	AngType	*Core:* No
		Harvest: No

Definition: Indicate the type of angina present prior to this surgical intervention.
Stable = Angina that is controlled by oral and/or transcutaneous medication . Patients that are pain free with or without medication but with a history of angina are captured here.
Unstable = Angina which necessitates the initiation, continuation or increase of angina control therapies that may include: nitroglycerin drip, heparin drip, or IABP placement. The type of angina may include, but is not limited to: rest angina, new onset exertional angina of at least New York Heart Association (NYHA) Class III in severity, recent acceleration in pattern and increase of one NYHA class to at least NYHA Class III, variant angina, non-Q wave myocardial infarction, or post-infarction angina.

Harvest Coding: 1 = Stable
                                2 = Unstable

Valid Data: Stable; Unstable

Usual Range:

Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	Angina
ACCField:	Not mapped	*ParentShortName:*	Angina
		ParentValue:	= "Yes"

Field Name: **Cardiac Presentation on Admission**   *SeqNo:* 791

Short Name: CardPres   *Core:* Yes

                    Harvest: Yes

Definition: Indicate the type of angina present prior to this surgical intervention.

1- No Symptoms or Angina.

2- Symptoms Unlikely to be Ischemia: Pain, pressure or discomfort in the chest, neck or arms not clearly exertional or not otherwise consistent with pain or discomfort of myocardial ischemic origin. This includes patients with non-cardiac pain (e.g. pulmonary embolism, musculoskeletal, or esophageal discomfort), or cardiac pain not caused by myocardial ischemia (e.g., acute pericarditis).

3- Stable Angina: Angina without a change in frequency or pattern for the six weeks prior to this surgical intervention. Angina is controlled by rest and/or oral or transcutaneous medications.

4- Unstable Angina - There are three principal presentations of unstable angina: 1) rest angina, 2) new -onset (less than 2 months) angina, and 3) increasing angina (in intensity, duration and/or frequency).

5- Non-ST Elevation MI (Non-STEMI) - The patient was hospitalized for a non-ST elevation myocardial infarction as documented in the medical record. Non-STEMIs are characterized by the presence of both criteria:
A. Cardiac biomarkers (creatinine kinase-myocardial band, Troponin T or I, and/or myoglobin) exceed the upper limit of normal according to the individual hospital's laboratory parameters with a clinical presentation which is consistent or suggestive of ischemia. ECG changes and/or ischemic symptoms may or may not be present.
B. Absence of ECG changes diagnostic of a STEMI (see STEMI).

6- ST Elevation MI (STEMI) - The patient presented with a ST elevation myocardial infarction as documented in the medical record. STEMIs are characterized by the presence of both criteria:
A. ECG evidence of STEMI: New or presumed new ST-segment elevation or new left bundle branch block not documented to be resolved within 20 minutes. ST-segment elevation is defined by new or presumed new sustained ST-segment elevation (0.1 mV in magnitude) in two or more contiguous electrocardiogram (ECG) leads. If no exact ST-elevation measurement is recorded in the medical chart, physician's written documentation of ST-elevation is acceptable. If only one ECG is performed, then the assumption that the ST elevation persisted at least the required 20 minutes is acceptable. Left bundle branch block (LBBB) refers to LBBB that was not known to be old on the initial ECG. For purposes of the Registry, ST elevation in the posterior chest leads (V7 through V9), or ST depression in V1 and V2 demonstrating posterior myocardial infarction is considered a STEMI equivalent and qualifies the patient for reperfusion therapy.
B. Cardiac biomarkers (creatinine kinase-myocardial band, Troponin T or I, and/or myoglobin) exceed the upper limit of normal according to the individual hospital's laboratory parameters a clinical presentation which is consistent or suggestive of ischemia which is consistent or suggestive of ischemia.

Harvest Coding: 1 = No Symptoms or Angina
                    2 = Symptoms Unlikely to be Ischemia
                    3 = Stable Angina
                    4 = Unstable Angina
                    5 = Non-ST Elevation MI (Non-STEMI)

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6 = ST Elevation MI (STEMI)

Valid Data:	No Symptoms or Angina; Symptoms Unlikely to be Ischemia; Stable Angina; Unstable Angina; Non-ST Elevation MI (Non-STEMI); ST Elevation MI (STEMI)
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name:	**STS Cardiogenic Shock**	*SeqNo:*	810
Short Name:	CarShock	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient was, at the time of procedure, in a clinical state of hypoperfusion sustained for greater than 30 minutes, according to either of the following criteria:
1. Systolic BP < 80 and/or Cardiac Index < 1.8 despite maximal treatment;
2. IV inotropes and/or IABP necessary to maintain Systolic BP > 80 and/or CI > 1.8.

Harvest Coding:	1 = Yes 2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cardiogenic Shock Type**	*SeqNo:*	820
Short Name:	CarShTyp	*Core:*	No
		Harvest:	No

Definition: Indicate which of the following types of cardiogenic shock is present? Select one:
Refractory Shock: Systolic BP < 80 and/or Cardiac Index < 1.8 despite maximal treatment
Hemodynamic Instability: IV inotropes and/or IABP necessary to maintain Systolic BP > 80 and CI > 1.8.

Harvest Coding:	1 = Refractory Shock 2 = Hemodynamic Instability
Valid Data:	Refractory Shock; Hemodynamic Instability
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	STS Cardiogenic Shock
ACCField:	Not mapped	*ParentShortName:*	CarShock
		ParentValue:	= "Yes"

Field Name:	**Resuscitation**	*SeqNo:*	830
Short Name:	Resusc	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient required cardiopulmonary resuscitation within one hour before the start of the operative procedure.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Arrhythmia**	*SeqNo:* 840
Short Name:	Arrhyth	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether there is a history of preoperative arrhythmia (sustained ventricular tachycardia, ventricular fibrillation, atrial fibrillation, atrial flutter, third degree heart block) that has been treated with any of the following modalities:
1. ablation therapy
2. AICD
3. pacemaker
4. pharmacological treatment
5. electrocardioversion

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Arrhythmia Type**	*SeqNo:* 850
Short Name:	ArrhyTyp	*Core:* No
		Harvest: No

Definition: Indicate which arrhythmia is present within two weeks of the procedure; choose one:
Sustained Ventricular Tachycardia or Ventricular Fibrillation requiring cardioversion and/or IV amiodarone
Third degree heart block
Atrial fibrillation/flutter requiring Rx
None

Harvest Coding: 1 = Sust VT/VF
2 = Heart Block
3 = AFib/Flutter
9 = None

Valid Data: Sust VT/VF; Heart Block; AFib/Flutter; None

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Arrhythmia
ACCField:	Not mapped	*ParentShortName:*	Arrhyth
		ParentValue:	= "Yes"

Field Name:	**Arrhythmia Type-Vtach/Vfib**	*SeqNo:*	851
Short Name:	ArrhyVtach	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether sustained ventricular tachycardia or fibrillation is present within two weeks of the procedure.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Arrhythmia
ACCField:	Not mapped	*ParentShortName:*	Arrhyth
		ParentValue:	= "Yes"

Field Name:	**Arrhythmia Type-3rdHB**	*SeqNo:*	852
Short Name:	ArrhyTHB	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether third degree heart block is present within two weeks of the procedure.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Arrhythmia
ACCField:	Not mapped	*ParentShortName:*	Arrhyth
		ParentValue:	= "Yes"

Field Name:	**Arrhythmia Type-Afib/Aflutter**	*SeqNo:*	853
Short Name:	ArrhyAfib	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether atrial fibrillation or flutter is present within two weeks of the procedure.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Arrhythmia
ACCField:	Not mapped	*ParentShortName:*	Arrhyth
		ParentValue:	= "Yes"

G. Preoperative Medications

Field Name: **Meds-Beta Blockers**   *SeqNo:* 890

Short Name: MedBeta   *Core:* Yes

                                                                                                                          Harvest: Yes

Definition: Indicate whether or not the patient received beta blockers within 24 hours preceding surgery, or if beta blocker was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-ACE or ARB Inhibitors**   *SeqNo:* 900

Short Name: MedACEI   *Core:* Yes

                                                                                                                          Harvest: Yes

Definition: Indicate whether the patient received ACE or ARB Inhibitors within 24 hours preceding surgery ,or if ACE or ARB Inhibitor was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-Nitrates-I.V.**   *SeqNo:* 910

Short Name: MedNitIV   *Core:* Yes

                                                                                                                          Harvest: Yes

Definition: Indicate whether the patient received IV Nitrates within 24 hours preceding surgery, or if IV Nitrates was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                      2 = No
                      3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Anticoagulants**	*SeqNo:* 930
Short Name:	MedACoag	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient received IV and/or subq anticoagulants within 48 hours preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.
 Do NOT include Coumadin or one-time boluses of Heparin.

Harvest Coding: 1 = Yes
                      2 = No
                      3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Anticoagulants-Medication Name**	*SeqNo:* 940
Short Name:	MedACMN	*Core:* Yes
		Harvest: Yes

Definition: Indicate the name of the IV and/or subq anticoagulant the patient received within 48 hours preceding surgery.

Harvest Coding: 1 = Heparin (Unfractionated)
                      2 = Heparin (Low Molecular)
                      3 = Thrombin Inhibitors
                      9 = Other

Valid Data: Heparin (Unfractionated); Heparin (Low Molecular); Thrombin Inhibitors; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Meds-Anticoagulants
ACCField:	Not mapped	*ParentShortName:*	MedACoag
		ParentValue:	= "Yes"

Field Name:	**Meds-Coumadin**	*SeqNo:* 950

Short Name: MedCoum	*Core:* Yes
	Harvest: Yes

Definition: Indicate whether the patient received Coumadin within 24 hours preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-Inotropes**	*SeqNo:* 970
Short Name: MedInotr	*Core:* Yes
	Harvest: Yes

Definition: Indicate whether the patient received IV inotropic agents within 48 hours preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-Steroids**	*SeqNo:* 980
Short Name: MedSter	*Core:* Yes
	Harvest: Yes

Definition: Indicate whether the patient was taking steroids within 24 hours of surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant. This does not include a one time dose related to prophylaxis therapy (i.e. IV dye exposure for cath procedure or surgery pre-induction period). Non-systemic medications are not included in this category (i.e., nasal sprays, topical creams)

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Aspirin**	*SeqNo:* 990
Short Name:	MedASA	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether or not the patient received Aspirin or Ecotrin within 5 days preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Lipid Lowering**	*SeqNo:* 1000
Short Name:	MedLipid	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether or not the patient received lipid lowering medication within 24 hours preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Lipid Lowering-Medication Name**	*SeqNo:* 1010
Short Name:	MedLipMN	*Core:* Yes
		Harvest: Yes

Definition: Indicate the type of lipid lowering medication the patient received within 24 hours preceding surgery.

Harvest Coding: 1 = Statin
2 = Non-statin
3 = Both

Valid Data: Statin; Non-statin; Both

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Meds-Lipid Lowering
ACCField:	Not mapped	*ParentShortName:*	MedLipid
		ParentValue:	= "Yes"

Field Name: **Meds-ADP Inhibitors**   *SeqNo:* 1020

Short Name: MedADPI   *Core:* No

                                                                                     Harvest: No

Definition: Indicate whether the patient has received ADP Inhibitors within 24 hours preceding surgery.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-ADP Inhibitors Within Five Days**   *SeqNo:* 1021

Short Name: MedADP5Days   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate whether the patient has received ADP Inhibitors within 5 days preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name: **Meds-ADP Inhibitors Discontinuation**   *SeqNo:* 1022

Short Name: MedADPIDis   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate the number of days prior to surgery ADP Inhibitor use was discontinued. If less than 24 hours, enter "0".

Harvest Coding:

Valid Data: 0 - 50

Usual Range:			
Format:	Integer		
Data Source:	User	*Parent Field:*	Meds-ADP Inhibitors Within Five Days
ACCField:	Not mapped	*ParentShortName:*	MedADP5Days
		ParentValue:	= "Yes"

Field Name:	**Meds - Antiplatelets Within 5 Days**	*SeqNo:*	1023
Short Name:	MedAplt5Days	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient has received Antiplatelets within 5 days preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data:	Yes; No; Contraindicated / Not Indicated		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Glycoprotein IIbIIIa Inhibitor**	*SeqNo:*	1030
Short Name:	MedGP	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient received Glycoprotein IIb/IIIa inhibitors within 24 hours preceding surgery, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
2 = No
3 = Contraindicated / Not Indicated

Valid Data:	Yes; No; Contraindicated / Not Indicated		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Meds-Glycoprotein IIbIIIa Inhibitor-Medication Name**	*SeqNo:*	1040
Short Name:	MedGPMN	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the name of the Glycoprotein IIb/IIIa Inhibitor the patient received within 24 hours preceding surgery.

Harvest Coding: 1 = Abciximab (ReoPro)
                     2 = Eptifibatied (Integrilin)
                     3 = Tirofiban (Aggrastat)

Valid Data: Abciximab (ReoPro); Eptifibatied (Integrilin); Tirofiban (Aggrastat)

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Meds-Glycoprotein IIbIIIa Inhibitor

ACCField: Not mapped   *ParentShortName:* MedGP

                                                             ParentValue: = "Yes"

H. Hemodynamics & Cath

Field Name: **Num Dis Vessels**   *SeqNo:* 1050

Short Name: NumDisV   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate the number of diseased major native coronary vessel systems: LAD system, Circumflex
                 system, and/or Right system with >= 50% narrowing of any vessel preoperatively.

                 NOTE: Left main disease (>=50%) is counted as TWO vessels (LAD and Circumflex, which may
                 include a Ramus Intermedius). For example, left main and RCA would count as three total.

                 Select from the following:
                 None (no significant coronary obstructive disease)
                 One
                 Two
                 Three

Harvest Coding: 1 = None
                     2 = One
                     3 = Two
                     4 = Three

Valid Data: None; One; Two; Three

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                             ParentValue:

Field Name: **Left Main Dis >= 50%**   *SeqNo:* 1060

Short Name: LMainDis   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether the patient has Left Main Coronary Disease. Left Main Coronary Disease is
                 present when there is >= 50% compromise of vessel diameter preoperatively.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Hemo Data-EF Done**	*SeqNo:*	1070
Short Name:	HDEFD	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the Ejection Fraction was measured prior to the induction of anesthesia.

Harvest Coding: 1 = Yes
2 = No

Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Hemo Data-EF**	*SeqNo:*	1080
Short Name:	HDEF	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the percentage of the blood emptied from the ventricle at the end of the contraction. Use the most recent determination prior to the surgical intervention documented on a diagnostic report.

Enter a percentage in the range of 1 - 99. If a percentage range is reported, report a whole number using the "mean" (i.e., 50-55%, is reported as 53%).

Values reported as:
Normal = 60%
Good function = 50%
Mildly reduced = 45%
Fair function = 40%
Moderately reduced = 30%
Poor function = 25%
Severely reduced = 20%

NOTE: If no diagnostic report is in the medical record, a value documented in the progress record is acceptable.

Harvest Coding:

Valid Data:	1.0 - 99.0		
Usual Range:	5.0 - 90.0		
Format:	Real		
Data Source:	User	*Parent Field:*	Hemo Data-EF Done
ACCField:	Not mapped	*ParentShortName:*	HDEFD
		ParentValue:	= "Yes"

Field Name: **Hemo Data-EF Method**   *SeqNo:* 1090

Short Name: HDEFMeth   *Core:* Yes

                                                                                            Harvest: Yes

Definition: Indicate how the Ejection Fraction measurement information was obtained preoperatively.
               LV Gram: Left Ventriculogram
               Radionucleotide: MUGA Scan
               Estimate: From other calculations, based upon available clinical data.
               ECHO: Echocardiogram
               MRI/CT
               Other

Harvest Coding: 2 = LV Gram
                   3 = Radionucleotide
                   4 = Estimate
                   5 = ECHO
                   6 = MRI/CT
                   9 = Other

Valid Data: LV Gram; Radionucleotide; Estimate; ECHO; MRI/CT; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Hemo Data-EF Done

ACCField: Not mapped   *ParentShortName:* HDEFD

                                                    ParentValue: = "Yes"

Field Name: **Hemo Data - HDPA Mean Done**   *SeqNo:* 1100

Short Name: HDPAD   *Core:* Yes

                                                                                            Harvest: Yes

Definition: Indicate whether the mean pulmonary artery pressure in mm Hg, was recorded from catheterization
               data or Swan-Ganz catheter BEFORE the induction of anesthesia.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                    ParentValue:

Field Name: **Hemo Data-PA Mean**   *SeqNo:* 1110

Short Name: HDPAMean   *Core:* Yes

                                                                                            Harvest: Yes

Definition: Indicate the mean pulmonary artery pressure in mm Hg, recorded from catheterization data or Swan-
               Ganz catheter BEFORE the induction of anesthesia.

Harvest Coding:

Valid Data: 1.0 - 99.0

Usual Range:

Format:	Real

Data Source:	User	*Parent Field:*	Hemo Data - HDPA Mean Done
ACCField:	Not mapped	*ParentShortName:*	HDPAD
		ParentValue:	= "Yes"

Field Name:	**VD-Stenosis-Aortic**	*SeqNo:*	1120
Short Name:	VDStenA	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether Aortic Stenosis is present. If not documented or not done, indicate as N/A.

Harvest Coding: 1 = Yes
2 = No
3 = N/A

Valid Data: Yes; No; N/A

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**VD-Gradient-Aortic**	*SeqNo:*	1130
Short Name:	VDGradA	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the mean gradient across the aortic valve obtained from an echocardiogram or angiogram preoperatively.

Harvest Coding:

Valid Data: 1 - 200

Usual Range:

Format: Integer

Data Source:	User	*Parent Field:*	VD-Stenosis-Aortic
ACCField:	Not mapped	*ParentShortName:*	VDStenA
		ParentValue:	= "Yes"

Field Name:	**VD-Stenosis-Mitral**	*SeqNo:*	1140
Short Name:	VDStenM	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether Mitral Stenosis is present. If not documented or not done, indicate as N/A.

Harvest Coding: 1 = Yes
2 = No
3 = N/A

Valid Data: Yes; No; N/A

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **VD-Stenosis-Tricuspid**   *SeqNo:* 1150

Short Name: VDStenT   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate whether Tricuspid Stenosis is present. If not documented or not done, indicate as N/A.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = N/A

Valid Data: Yes; No; N/A

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **VD-Stenosis-Pulmonic**   *SeqNo:* 1160

Short Name: VDStenP   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate whether Pulmonic Stenosis is present. If not documented or not done, indicate as N/A.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = N/A

Valid Data: Yes; No; N/A

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **VD-Insuff-Aortic**   *SeqNo:* 1170

Short Name: VDInsufA   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate whether there is evidence of Aortic valve regurgitation. Enter level of valve function associated with highest risk (i.e., worst performance).

                Enter the highest level recorded in the chart. "Moderately severe" should be coded as "Severe".

                 If data not available or study suboptimal, enter N/A.

Harvest Coding: 0 = None
                    1 = Trivial
                    2 = Mild

3 = Moderate
4 = Severe
5 = N/A

Valid Data:	None; Trivial; Mild; Moderate; Severe; N/A
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**VD-Insuff-Mitral**	*SeqNo:*	1180
Short Name:	VDInsufM	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether there is evidence of Mitral valve regurgitation. Enter level of valve function associated with highest risk (i.e., worst performance).

Enter the highest level recorded in the chart. "Moderately severe" should be coded as "Severe".

If data not available or study suboptimal, enter N/A.

Harvest Coding: 0 = None
1 = Trivial
2 = Mild
3 = Moderate
4 = Severe
5 = N/A

Valid Data:	None; Trivial; Mild; Moderate; Severe; N/A
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**VD-Insuff-Tricuspid**	*SeqNo:*	1190
Short Name:	VDInsufT	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether there is evidence of Tricuspid valve regurgitation. Enter level of valve function associated with highest risk (i.e., worst performance).

Enter the highest level recorded in the chart. "Moderately severe" should be coded as "Severe".

If data not available or study suboptimal, enter N/A.

Harvest Coding: 0 = None
1 = Trivial
2 = Mild
3 = Moderate
4 = Severe
5 = N/A

Valid Data:	None; Trivial; Mild; Moderate; Severe; N/A
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**VD-Insuff-Pulmonic**	*SeqNo:*	1200
Short Name:	VDInsufP	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether there is evidence of Pulmonic valve regurgitation. Enter level of valve function associated with highest risk (i.e., worst performance).

Enter the highest level recorded in the chart. "Moderately severe" should be coded as "Severe".

If data not available or study suboptimal, enter N/A.

Harvest Coding: 0 = None
                1 = Trivial
                2 = Mild
                3 = Moderate
                4 = Severe
                5 = N/A

Valid Data:	None; Trivial; Mild; Moderate; Severe; N/A
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

I. Operative

Field Name: **Surgeon**   *SeqNo:* 1210

Short Name: Surgeon   *Core:* Yes

                                                                                 Harvest: Yes

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

Harvest Coding:

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

Usual Range:

Format: Text (categorical values specified by User)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                         ParentValue:

Field Name: **Surgeon ID**   *SeqNo:* 1220

Short Name: SurgID   *Core:* No

                                                                                 Harvest: No

Definition: Indicate the unique identification number assigned to the surgeon by the participant.

Harvest Coding:

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

Usual Range:

Format: Text length 25

Data Source: Lookup   *Parent Field:* Surgeon

ACCField: Not mapped   *ParentShortName:* Surgeon

                                                         ParentValue: Is Not Missing

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Field Name: **Surgeon's National Provider Identifier**   *SeqNo:* 1221

Short Name: SurgNPI   *Core:* Yes

                                                                                 Harvest: Yes

Definition: Indicate the individual-level National Provider Identifier of the surgeon performing the procedure.

Harvest Coding:

Valid Data: (elements of user list)

Usual Range:

Format: Text (categorical values specified by User)

Data Source: Lookup   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                         ParentValue:

Field Name: **Taxpayer Identification Number**   *SeqNo:* 1222

Short Name: TIN   *Core:* Yes

                                                                      Harvest: Yes

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

Harvest Coding:

Valid Data: (elements of user list)

Usual Range:

Format: Text (categorical values specified by User)

Data Source:	Lookup	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **Incidence**   *SeqNo:* 1230

Short Name: Incidenc   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate if this is the patient's:
            -first cardiovascular surgery
            -first re-op cardiovascular surgery
            -second re-op cardiovascular surgery
            -third re-op cardiovascular surgery
            -fourth or more re-op cardiovascular surgery.

Harvest Coding: 1 = First cardiovascular surgery
                 2 = First re-op cardiovascular surgery
                 3 = Second re-op cardiovascular surgery
                 4 = Third re-op cardiovascular surgery
                 5 = Fourth or more re-op cardiovascular surgery

Valid Data: First cardiovascular surgery; First re-op cardiovascular surgery; Second re-op cardiovascular surgery; Third re-op cardiovascular surgery; Fourth or more re-op cardiovascular surgery

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **Status**   *SeqNo:* 1240

Short Name: Status   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate the clinical status of the patient prior to entering the operating room:

            Elective:
            The patient's cardiac function has been stable in the days or weeks prior to the operation. The procedure could be deferred without increased risk of compromised cardiac outcome.

            Urgent:
            Procedure required during same hospitalization in order to minimize chance of further clinical deterioration.

Examples include but are not limited to: Worsening, sudden chest pain, CHF, acute myocardial infarction (AMI), anatomy, IABP, unstable angina (USA) with intravenous (IV) nitroglycerin (NTG) or rest angina.

Emergent:
Patients requiring emergency operations will have ongoing, refractory (difficult, complicated, and/or unmanageable) unrelenting cardiac compromise, with or without hemodynamic instability, and not responsive to any form of therapy except cardiac surgery. An emergency operation is one in which there should be no delay in providing operative intervention.

The patient's clinical status includes any of the following:
a. Ischemic dysfunction (any of the following): (1) Ongoing ischemia including rest angina despite maximal medical therapy (medical and/or IABP)); (2) Acute Evolving Myocardial Infarction within 24 hours before surgery; or (3) pulmonary edema requiring intubation.
b. Mechanical dysfunction (either of the following): (1) shock with circulatory support; or (2) shock without circulatory support.

Emergent Salvage:
The patient is undergoing CPR en route to the OR or prior to anesthesia induction.

Harvest Coding: 1 = Elective
                     2 = Urgent
                     3 = Emergent
                     4 = Emergent Salvage

Valid Data: Elective; Urgent; Emergent; Emergent Salvage

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Urgent Reason**	*SeqNo:*	1250
Short Name:	UrgntRsn	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate which one of the following applies as the reason why the patient had Urgent status:

Acute myocardial infarction (AMI)
Intra-Aortic Balloon Pump (IABP)
Worsening, sudden chest pain
Congestive Heart Failure (CHF)
Coronary Anatomy
Unstable angina (USA) with intravenous (IV) nitroglycerin (NTG)
Rest angina
Valve Dysfunction - Acute Native or Prosthetic
Aortic Dissection
Angiographic Accident
Cardiac Trauma

Harvest Coding: 1 = AMI
                     2 = IABP
                     3 = Worsening CP
                     4 = CHF
                     5 = Anatomy
                     6 = USA

7 = Rest Angina
8 = Valve Dysfunction
9 = Aortic Dissection
10 = Angiographic Accident
11 = Cardiac Trauma

Valid Data:	AMI; IABP; Worsening CP; CHF; Anatomy; USA; Rest Angina; Valve Dysfunction; Aortic Dissection; Angiographic Accident; Cardiac Trauma
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Status
ACCField:	Not mapped	*ParentShortName:*	Status
		ParentValue:	= "Urgent"

Field Name:	**Emergent Reason**	*SeqNo:*	1260
Short Name:	EmergRsn	*Core:*	Yes
		Harvest:	Yes

Definition: Patients requiring emergency operations will have ongoing, refractory (difficult, complicated, and/or unmanageable) unrelenting cardiac compromise, with or without hemodynamic instability, and not responsive to any form of therapy except cardiac surgery. An emergency operation is one in which there should be no delay in providing operative intervention.

Indicate which one of the following applies as the reason why the patient had Emergent Status?
(Select one):
Shock with circulatory support
Shock without circulatory support
Pulmonary edema requiring intubation
Acute Evolving Myocardial Infarction within 24 hours before surgery
Ongoing ischemia including rest angina despite maximal medical therapy (medical and/or IABP)
Valve Dysfunction - Acute Native or Prosthetic
Aortic Dissection
Angiographic Accident
Cardiac Trauma

Harvest Coding: 1 = Shock Circ Support
2 = Shock No Circ Support
3 = Pulmonary Edema
4 = AEMI
5 = Ongoing Ischemia
6 = Valve Dysfunction
7 = Aortic Dissection
8 = Angiographic Accident
9 = Cardiac Trauma

Valid Data:	Shock Circ Support; Shock No Circ Support; Pulmonary Edema; AEMI; Ongoing Ischemia; Valve Dysfunction; Aortic Dissection; Angiographic Accident; Cardiac Trauma
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Status
ACCField:	Not mapped	*ParentShortName:*	Status
		ParentValue:	= "Emergent"

Field Name: **Robotic Technology Assisted**   *SeqNo:* 1270

Short Name: Robotic   *Core:* Yes

                                                                                         Harvest: Yes

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

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                      ParentValue:

Field Name: **CAB**   *SeqNo:* 1280

Short Name: OpCAB   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate whether coronary artery bypass grafting was done.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                      ParentValue:

Field Name: **Valve**   *SeqNo:* 1290

Short Name: OpValve   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate whether a surgical procedure was done on the Aortic, Mitral, Tricuspid or Pulmonic valves.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                      ParentValue:

Field Name: **VAD**   *SeqNo:* 1300

Short Name: VAD   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate whether a ventricular assist device (VAD) was implanted.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                   ParentValue:

Field Name: **Other Card**   *SeqNo:* 1310

Short Name: OpOCard   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate whether an other cardiac procedure was done (other than CABG and/or Valve procedures).

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                   ParentValue:

Field Name: **Other Non Card**   *SeqNo:* 1320

Short Name: OpONCard   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate whether a non-cardiac procedure was done.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                   ParentValue:

Field Name: **CPT-1 Code # 1**   *SeqNo:* 1321

Short Name: CPT1Code1   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate the first CPT procedure code (CPT-1) pertaining to the surgery for which the data collection
              form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                  ParentValue:

Field Name: **CPT-1 Code # 2**   *SeqNo:* 1322

Short Name: CPT1Code2   *Core:* Yes

                                                                            Harvest: Yes

Definition: Indicate, if applicable, the second CPT procedure code (CPT-1) pertaining to the surgery for which
                the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*   CPT-1 Code # 1

ACCField: Not mapped   *ParentShortName:* CPT1Code1

                                                  ParentValue: Is Not Missing

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Field Name: **CPT-1 Code # 3**   *SeqNo:* 1323

Short Name: CPT1Code3   *Core:* Yes

                                                                            Harvest: Yes

Definition: Indicate, if applicable, the third CPT procedure code (CPT-1) pertaining to the surgery for which the
                data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*   CPT-1 Code # 2

ACCField: Not mapped   *ParentShortName:* CPT1Code2

                                                  ParentValue: Is Not Missing

---

Field Name: **CPT-1 Code # 4**   *SeqNo:* 1324

Short Name: CPT1Code4   *Core:* Yes

                                                                            Harvest: Yes

Definition: Indicate, if applicable, the fourth CPT procedure code (CPT-1) pertaining to the surgery for which
                the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source:	User or Automatic	*Parent Field:*	CPT-1 Code # 3
ACCField:	Not mapped	*ParentShortName:*	CPT1Code3
		ParentValue:	Is Not Missing

Field Name: **CPT-1 Code # 5**   *SeqNo:* 1325

Short Name: CPT1Code5   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the fifth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source:	User or Automatic	*Parent Field:*	CPT-1 Code # 4
ACCField:	Not mapped	*ParentShortName:*	CPT1Code4
		ParentValue:	Is Not Missing

Field Name: **CPT-1 Code # 6**   *SeqNo:* 1326

Short Name: CPT1Code6   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the sixth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source:	User or Automatic	*Parent Field:*	CPT-1 Code # 5
ACCField:	Not mapped	*ParentShortName:*	CPT1Code5
		ParentValue:	Is Not Missing

Field Name: **CPT-1 Code # 7**   *SeqNo:* 1327

Short Name: CPT1Code7   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the seventh CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source:	User or Automatic	*Parent Field:*	CPT-1 Code # 6
ACCField:	Not mapped	*ParentShortName:*	CPT1Code6
		ParentValue:	Is Not Missing

Field Name: **CPT-1 Code # 8**   *SeqNo:* 1328

Short Name: CPT1Code8   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the eighth CPT procedure code (CPT-1) pertaining to the surgery for which
the data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*   CPT-1 Code # 7

ACCField: Not mapped   *ParentShortName:* CPT1Code7

ParentValue: Is Not Missing

Field Name: **CPT-1 Code # 9**   *SeqNo:* 1329

Short Name: CPT1Code9   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the ninth CPT procedure code (CPT-1) pertaining to the surgery for which the
data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*   CPT-1 Code # 8

ACCField: Not mapped   *ParentShortName:* CPT1Code8

ParentValue: Is Not Missing

Field Name: **CPT-1 Code # 10**   *SeqNo:* 1330

Short Name: CPT1Code10   *Core:* Yes

Harvest: Yes

Definition: Indicate, if applicable, the tenth CPT procedure code (CPT-1) pertaining to the surgery for which the
data collection form was initiated.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text - Length exactly 5

Data Source: User or Automatic   *Parent Field:*   CPT-1 Code # 9

ACCField: Not mapped   *ParentShortName:* CPT1Code9

ParentValue: Is Not Missing

Field Name: **OR Entry Date And Time**   *SeqNo:* 1335

Short Name: OREntryDT   *Core:* Yes

Harvest: Yes

Definition: Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient entered the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was set up.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**OR Exit Date And Time**	*SeqNo:*	1336
Short Name:	ORExitDT	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient exits the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was taken down.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Initial Intubation Date And Time**	*SeqNo:*	1337
Short Name:	IntubateDT	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the date (mm/dd/yyyy) and time (hh:mm) (24 hour clock) ventilatory support started. The following guidelines apply:

1. Capture the intubation closest to the surgical start time. If the patient was intubated upon admission and remained intubated until the surgical start time, capture this intubation's date and time.
2. If the patient was admitted intubated (intubated at another institution) and remained continually intubated until the surgical start time, capture the patient's admission date and time.
3. If the patient was admitted with a tracheostomy in place without ventilatory support, capture the date and time closest to the surgical start time that ventilatory support was initiated.
4. If the patient was admitted with a tracheostomy in place receiving chronic ventilatory support, capture the admission date and time.
5. If the intubation date and time is otherwise unknown, enter the date and time the patient entered the operating room.
6. Do not alter the previously established date and time that ventilatory support was initiated for scenarios including, but not limited to, interruptions in ventilatory support due to accidental extubation/de-cannulation, elective tube change etc.

Harvest Coding:

Valid Data:

Usual Range:

Format:	Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Initial Extubation Date And Time**	*SeqNo:*	1338
Short Name:	ExtubateDT	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the date (mm/dd/yyyy) and time (hh:mm) (24 hour clock) ventilatory support initially ceased after surgery. The following guidelines apply:

1. Capture the extubation closest to the surgical stop time.
2. If the patient has a tracheostomy and is separated from the mechanical ventilator postoperatively within the hospital admission, capture the date and time of separation from the mechanical ventilator closest to the surgical stop time.
3. If the patient expires while intubated or cannulated and on the ventilator, capture the date and time of expiration.
4. If patient is discharged on chronic ventilatory support, capture the date and time of discharge.

Harvest Coding:

Valid Data:

Usual Range:

Format:	Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Skin Incision Start Time**	*SeqNo:*	1339
Short Name:	SIStartT	*Core:*	No
		Harvest:	No

Definition: Indicate to the nearest minute (using 24 hour clock) the time the skin incision was made.

Harvest Coding:

Valid Data:	00:00 - 23:59
Usual Range:	00:00 - 23:59
Format:	Time in 24-hour clock format

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Skin Incision Stop Time**	*SeqNo:*	1340
Short Name:	SIStopT	*Core:*	No

Harvest: No

Definition: Indicate to the nearest minute (using 24 hour clock) the time the skin incision was closed, if the patient leaves the OR with an open chest, collect the time the dressings are applied to the incisions.

Harvest Coding:

Valid Data: 00:00 - 23:59

Usual Range: 00:00 - 23:59

Format: Time in 24-hour clock format

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Skin Incision Start Date And Time**	*SeqNo:* 1341
Short Name:	SIStartDT	*Core:* Yes
		Harvest: Yes

Definition: Indicate the date and time, to the nearest minute (using 24-hour clock), that the skin incision, or its equivalent, was made. For example, during bronchoscopy, one would utilize the bronchoscope insertion time.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Skin Incision Stop Date And Time**	*SeqNo:* 1342
Short Name:	SIStopDT	*Core:* Yes
		Harvest: Yes

Definition: Indicate the date and time, to the nearest minute (using 24-hour clock), that the skin incision was closed, or its equivalent (i.e. removal of bronchoscope). If the patient leaves the operating room with an open incision, collect the time that the dressings were applied to the incision.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date and time in the format mm/dd/yyyy hh:mm with the time in 24-hour clock

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Antibiotic Selection**	*SeqNo:* 1345
Short Name:	AbxSelect	*Core:* Yes

Harvest: Yes

Definition: Indicate if there was documentation of an order for a first generation or second generation cephalosporin prophylactic antibiotic OR documentation that it was given preoperatively.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Antibiotic Timing**	*SeqNo:* 1346
Short Name:	AbxTiming	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether prophylactic antibiotics were ordered OR given within one hour of surgical incision (two hours if receiving vancomycin or fluoroquinolone).

The surgical incision time is the time of the first incision, irregardless of location.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Antibiotics Discontinued**	*SeqNo:* 1347
Short Name:	AbxDisc	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the prophylactic antibiotics were ordered to be discontinued OR were discontinued within 48 hours after surgery end time.

Determining the timeframe (within 48 hours) begins at the "surgical end time" - the time the patient leaves the operating room.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **CPB Utilization**   *SeqNo:* 1350

Short Name: CPBUtil   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate the level of CPB or coronary perfusion used during the procedure:

None = no CPB or coronary perfusion used during the procedure
Combination = with or without CPB and/or with or without coronary perfusion at any time during the procedure (capture conversions from off-pump to on-pump only):

At start of procedure: No CPB/No Coronary Perfusion -> conversion to -> CPB
At start of procedure: No CPB/No Coronary Perfusion -> conversion to -> Coronary perfusion
At start of procedure: No CPB/No Coronary Perfusion -> conversion to -> Coronary perfusion -> conversion to -> CPB

Full = CPB or coronary perfusion was used for the entire procedure

Harvest Coding: 1 = None
                     2 = Combination
                     3 = Full

Valid Data: None; Combination; Full

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                    ParentValue:

Field Name: **CPB Utilization - Combination Plan**   *SeqNo:* 1360

Short Name: CPBCmb   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether the combination procedure from off-pump to on-pump was a planned or an unplanned conversion.

Planned = the surgeon intended to treat with any of the combination options described in "CPB utilization"
Unplanned = the surgeon did not intend to treat with any of the combination options described in "CPB utilization".

Harvest Coding: 1 = Planned
                     2 = Unplanned

Valid Data: Planned; Unplanned

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   CPB utilization

ACCField: Not mapped   *ParentShortName:* CPBUtil

                                                    ParentValue: = "Combination"

Field Name: **CPB utilization - Unplanned Combination Reason**   *SeqNo:* 1370

Short Name: CPBCmbR   *Core:* Yes

Harvest: Yes

Definition: Indicate the reason that the procedure required the initiation of CPB and/or coronary perfusion.

Harvest Coding: 1 = Exposure/visualization
                   2 = Bleeding
                   3 = Inadequate size and/or diffuse disease of distal vessel
                   4 = Hemodynamic instability (hypotension/arrhythmias)
                   5 = Conduit quality and/or trauma
                   9 = Other

Valid Data: Exposure/visualization; Bleeding; Inadequate size and/or diffuse disease of distal vessel; Hemodynamic instability (hypotension/arrhythmias); Conduit quality and/or trauma; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* CPB utilization - Combination Plan

ACCField: Not mapped   *ParentShortName:* CPBCmb

                                                  ParentValue: = "Unplanned"

Field Name: **Perfusion Time (min)**   *SeqNo:* 1380

Short Name: PerfusTm   *Core:* Yes

                                                                 Harvest: Yes

Definition: Indicate the perfusion time in minutes. Perfusion time is defined as an accumulated total of CPB and/or coronary perfusion assist minutes.

Harvest Coding:

Valid Data: 1 - 999

Usual Range: 1 - 300

Format: Integer

Data Source: User   *Parent Field:* CPB Utilization

ACCField: Not mapped   *ParentShortName:* CPBUtil

                                                  ParentValue: = "Combination" or "Full"

Field Name: **Circulatory Arrest**   *SeqNo:* 1381

Short Name: CircArr   *Core:* Yes

                                                                 Harvest: Yes

Definition: Indicate whether or not there was a circulatory arrest time recorded on the perfusion record or operative record.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                  ParentValue:

Field Name: **Circulatory Arrest Time**   *SeqNo:* 1382

Short Name: DHCATm   *Core:* Yes

    Harvest: Yes

Definition: Indicate the total circulatory arrest time in minutes. Circulatory arrest time is recorded in the perfusion record or operative record and indicates the time the patient was not supported by circulation.

Harvest Coding:

Valid Data: 1-100

Usual Range:

Format: Integer

Data Source: User   *Parent Field:*   Circulatory Arrest

ACCField: Not mapped   *ParentShortName:* CircArr

    ParentValue: = "Yes"

Field Name: **Cannulation Method**   *SeqNo:* 1390

Short Name: Cannulat   *Core:* No

    Harvest: No

Definition: Indicate the method of cannulation used for cardiopulmonary bypass (select one):
Aorta and Femoral/Jugular Vein.
Femoral Artery and Femoral/Jugular Vein.
Aorta and Atrial/Caval.
Femoral Artery and Atrial/Caval.
Other.

Harvest Coding: 1 = Aorta and Fem/Jug Vein
2 = Fem Art and Fem/Jug Vein
3 = Aorta and Atrial/Caval
4 = Fem Art and Atrial/Caval
777 = Other

Valid Data: Aorta and Fem/Jug Vein; Fem Art and Fem/Jug Vein; Aorta and Atrial/Caval; Fem Art and Atrial/Caval; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   CPB Utilization

ACCField: Not mapped   *ParentShortName:* CPBUtil

    ParentValue: "Combination" or "Full"

Field Name: **Cannulation Method - Aorta and Femoral/Jugular Vein**   *SeqNo:* 1391

Short Name: CanAortFem   *Core:* Yes

    Harvest: Yes

Definition: Indicate whether the method of cannulation included Aorta and Femoral/Jugular Vein for cardiopulmonary bypass.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* CPB Utilization
ACCField:	Not mapped	*ParentShortName:* CPBUtil
		ParentValue: = "Combination" or "Full"

Field Name:	**Cannulation Method - Femoral Artery and Femoral/Jugular Vein**	*SeqNo:* 1392
Short Name:	CanFemFem	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the method of cannulation included Femoral Artery and Femoral/Jugular Vein for cardiopulmonary bypass.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* CPB Utilization
ACCField:	Not mapped	*ParentShortName:* CPBUtil
		ParentValue: = "Combination" or "Full"

Field Name:	**Cannulation Method - Aorta and Atrial/Caval**	*SeqNo:* 1393
Short Name:	CanAortAtr	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the method of cannulation included Aorta and Atrial/Caval for cardiopulmonary bypass.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* CPB Utilization
ACCField:	Not mapped	*ParentShortName:* CPBUtil
		ParentValue: = "Combination" or "Full"

Field Name:	**Cannulation Method - Femoral Artery and Atrial/Caval**	*SeqNo:* 1394
Short Name:	CanFemAtr	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the method of cannulation included Femoral Artery and Atrial/Caval for cardiopulmonary bypass.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	CPB Utilization
ACCField:	Not mapped	*ParentShortName:*	CPBUtil
		ParentValue:	= "Combination" or "Full"

Field Name:	**Cannulation Method - Other**	*SeqNo:*	1395
Short Name:	CanOther	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the method of cannulation included any other method for cardiopulmonary bypass.

Harvest Coding:	1 = Yes
	2 = No

Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	CPB Utilization
ACCField:	Not mapped	*ParentShortName:*	CPBUtil
		ParentValue:	= "Combination" or "Full"

Field Name:	**Aortic Occlusion**	*SeqNo:*	1400
Short Name:	AortOccl	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the highest level of aortic occlusion used.

Harvest Coding:	1 = None
	2 = Aortic Crossclamp
	3 = Balloon Occlusion
	4 = Partial Crossclamp

Valid Data:	None; Aortic Crossclamp; Balloon Occlusion; Partial Crossclamp
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cross Clamp Time (min)**	*SeqNo:*	1410
Short Name:	XClampTm	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the total number of minutes the aorta is completely crossclamped during bypass. Minutes should not be recorded if partial crossclamp is the highest level of occlusion.

Harvest Coding:	
Valid Data:	1 - 600
Usual Range:	1 - 180
Format:	Integer

Data Source:	User	*Parent Field:*	Aortic Occlusion
ACCField:	Not mapped	*ParentShortName:*	AortOccl
		ParentValue:	= "Aortic Crossclamp" or "Balloon Occlusion"

Field Name:	**Cardioplegia**	*SeqNo:*	1420
Short Name:	Cplegia	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether cardioplegia was used.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Pre-Induction Baseline Regional Oxygen Saturation - Left**	*SeqNo:*	1422
Short Name:	PreRSO2Lft	*Core:*	Yes
		Harvest:	Optional

Definition: Indicate the percent baseline left cerebral regional oxygen saturation (rSO2) values at the beginning of the operation, when the patient is awake and functional. Patient can be sedated or on supplemental oxygen at the time measurement is taken. In the absence of a user-specified baseline, the cerebral oximeter will automatically select a baseline value from the first few minutes of the case.

Harvest Coding:

Valid Data: 1 - 99

Usual Range:

Format: Integer

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Pre-Induction Baseline Regional Oxygen Saturation - Right**	*SeqNo:*	1423
Short Name:	PreRSO2Rt	*Core:*	Yes
		Harvest:	Optional

Definition: Indicate the percent baseline right cerebral regional oxygen saturation (rSO2) values at the beginning of the operation, when the patient is awake and functional. Patient can be sedated or on supplemental oxygen at the time measurement is taken. In the absence of a user-specified baseline, the cerebral oximeter will automatically select a baseline value from the first few minutes of the case.

Harvest Coding:

Valid Data: 1 - 99

Usual Range:

Format:	Integer

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cumulative Saturation Below Threshold - Left**	*SeqNo:* 1424
Short Name:	CumulSatLft	*Core:* Yes
		Harvest: Optional

Definition: Indicate the cumulative integral of time and depth of desaturation events below the threshold of 75% of the baseline rSO2 value (relative decline of 25% below baseline) for the left rSO2. Calculated by the cerebral oximeter by multiplying the difference between the threshold and current rSO2 values times the duration that rSO2 is below the threshold. Values are accumulated throughout the operation. Units are minute-%. This is also called area under the curve (AUC).

Harvest Coding:

Valid Data:	0 - 9999
Usual Range:	
Format:	Integer

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cumulative Saturation Below Threshold - Right**	*SeqNo:* 1425
Short Name:	CumulSatRt	*Core:* Yes
		Harvest: Optional

Definition: Indicate the cumulative integral of time and depth of desaturation events below the threshold of 75% of the baseline rSO2 value (relative decline of 25% below baseline) for the right rSO2. Calculated by the cerebral oximeter by multiplying the difference between the threshold and current rSO2 values times the duration that rSO2 is below the threshold. Values are accumulated throughout the operation. Units are minute-%. This is also called area under the curve (AUC).

Harvest Coding:

Valid Data:	0 - 9999
Usual Range:	
Format:	Integer

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Cerebral Oximeter Provided The First Indication**	*SeqNo:* 1426
Short Name:	COFirstInd	*Core:* Yes
		Harvest: Optional

Definition: Indicate whether the cerebral oximeter provided the first indication of a technical problem or physiological change in the patient that could potentially lead to an adverse patient outcome.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by STS)	
Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Skin Closure Regional Oxygen Saturation - Left**	*SeqNo:* 1427
Short Name:	SCRSO2Lft	*Core:* Yes
		Harvest: Optional

Definition: Indicate the left cerebral regional oxygen saturation of blood (rSO2) value at the time of skin closure at the end of the operation. Units are %.

Harvest Coding:

Valid Data:	1 - 99	
Usual Range:		
Format:	Integer	
Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**Skin Closure Regional Oxygen Saturation - Right**	*SeqNo:* 1428
Short Name:	SCRSO2Rt	*Core:* Yes
		Harvest: Optional

Definition: Indicate the right cerebral regional oxygen saturation of blood (rSO2) value at the time of skin closure at the end of the operation. Units are %.

Harvest Coding:

Valid Data:	1 - 99	
Usual Range:		
Format:	Integer	
Data Source:	User	*Parent Field:*
ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name:	**IABP**	*SeqNo:* 1430
Short Name:	IABP	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient was placed on Intra-Aortic Balloon Pump (IABP).

Harvest Coding:	1 = Yes
	2 = No
Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Mapped - Definition and coding	*ParentShortName:*	
		ParentValue:	

Field Name: **IABP-When Inserted**   *SeqNo:* 1440

Short Name: IABPWhen   *Core:* Yes

       Harvest: Yes

Definition: Indicate when the IABP was inserted.

      Choose one of the following:
Preoperatively
Intraoperatively
Postoperatively

Harvest Coding: 1 = Preop
2 = Intraop
3 = Postop

Valid Data: Preop; Intraop; Postop

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	IABP
ACCField:	Not mapped	*ParentShortName:*	IABP
		ParentValue:	= "Yes"

Field Name: **IABP-Indication**   *SeqNo:* 1450

Short Name: IABPInd   *Core:* Yes

       Harvest: Yes

Definition: Indicate the primary reason for inserting the IABP.

      Choose one of the following:
Hemodynamic Instability
PTCA Support
Unstable Angina
Cardiopulmonary bypass (CPB) weaning failure
Prophylactic

Harvest Coding: 1 = Hemodyn Instab
2 = PTCA Support
3 = Unstable Angina
4 = CPB Wean
5 = Prophylactic

Valid Data: Hemodyn Instab; PTCA Support; Unstable Angina; CPB Wean; Prophylactic

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	IABP
ACCField:	Not mapped	*ParentShortName:*	IABP
		ParentValue:	= "Yes"

Field Name: **Intraop Blood Products**   *SeqNo:* 1460

Short Name: IBldProd   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate whether blood products were transfused any time intraoperatively during the initial surgery. Intraoperatively is defined as any blood started inside of the OR.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                      ParentValue:

Field Name: **Intraop Blood Products Refused**   *SeqNo:* 1461

Short Name: IBldProdRef   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate whether the patient or family refused blood products.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Intraop Blood Products

ACCField: Not mapped   *ParentShortName:* IBldProd

                                                      ParentValue: = "No"

Field Name: **Intraop Blood Products - RBC Units**   *SeqNo:* 1470

Short Name: IBdRBCU   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate the number of units of packed red blood cells that were transfused intraoperatively.

Do not include autologous, cell-saver, pump-residual or chest tube recirculated blood.

Harvest Coding:

Valid Data: 0 - 50

Usual Range: 0 - 10

Format: Integer

Data Source: User   *Parent Field:*   Intraop Blood Products

ACCField: Not mapped   *ParentShortName:* IBldProd

                                                      ParentValue: = "Yes"

Field Name: **Intraop Blood Products - FFP Units**   *SeqNo:* 1480

Short Name: IBdFFPU   *Core:*   Yes

Harvest: Yes

Definition: Indicate the number of units of fresh frozen plasma that were transfused intraoperatively.

Harvest Coding:

Valid Data: 0 - 50

Usual Range: 0 - 10

Format: Integer

Data Source: User   *Parent Field:*   Intraop Blood Products

ACCField: Not mapped   *ParentShortName:*   IBldProd

ParentValue: = "Yes"

Field Name: **Intraop Blood Products - Cryo Units**   *SeqNo:*   1490

Short Name: IBdCryoU   *Core:*   Yes

Harvest: Yes

Definition: Indicate the number of units of cryoprecipitate that were transfused intraoperatively.

> One bag of cryo = one unit.
> The number of units is not volume dependent.

Harvest Coding:

Valid Data: 0 - 50

Usual Range:

Format: Integer

Data Source: User   *Parent Field:*   Intraop Blood Products

ACCField: Not mapped   *ParentShortName:*   IBldProd

ParentValue: = "Yes"

Field Name: **Intraop Blood Products - Platelet Units**   *SeqNo:*   1500

Short Name: IBdPlatU   *Core:*   Yes

Harvest: Yes

Definition: Indicate the number of units of platelets that were transfused intraoperatively.

> Count the dose pack as one unit. A dose pack may consist of 4, 6, 8, 10, or any number of donor platelets obtained. The number of units coded is not volume dependent.

Harvest Coding:

Valid Data: 0 - 50

Usual Range:

Format: Integer

Data Source: User   *Parent Field:*   Intraop Blood Products

ACCField: Not mapped   *ParentShortName:*   IBldProd

ParentValue: = "Yes"

Field Name: **Intraop Medications - Aprotinin**   *SeqNo:*   1509

Short Name:	IMedAprot	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient received Aprotinin in the operating room.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Intraop Medications - Aprotinin - Dose**	*SeqNo:*	1510
Short Name:	IMedAprotD	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the dosage of the Aprotinin the patient received in the operating room.

Harvest Coding: 1 = Full dose
2 = Half dose

Valid Data: Full dose; Half dose

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Intraop Medications - Aprotinin
ACCField:	Not mapped	*ParentShortName:*	IMedAprot
		ParentValue:	= "Yes"

Field Name:	**Intraop Medications - Epsilon Amino-Caproic Acid**	*SeqNo:*	1511
Short Name:	IMedEACA	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient received Epsilon Amino-Caproic Acid in the operating room.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Intraop Medications - Desmopressin**	*SeqNo:*	1512
Short Name:	IMedDesmo	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether the patient received Desmopressin in the operating room.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                   ParentValue:

Field Name: **Intraop Medications - Tranexamic Acid**   *SeqNo:* 1513

Short Name: IMedTran   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether the patient received Tranexamic Acid in the operating room.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                   ParentValue:

J. Coronary Bypass

Field Name: **Dist Anast - Art #**   *SeqNo:* 1520

Short Name: DistArt   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate the total number of distal anastomoses with arterial conduits, whether IMA, GEPA, radial
               artery, etc.

Harvest Coding:

Valid Data: 0 - 9

Usual Range:

Format: Integer

Data Source: User   *Parent Field:* CAB

ACCField: Not mapped   *ParentShortName:* OpCAB

                                                   ParentValue: = "Yes"

Field Name: **Dist Anast - Vein #**   *SeqNo:* 1530

Short Name: DistVein   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate the total number of distal anastomoses with venous conduits.

Harvest Coding:

Valid Data: 0 - 9

Usual Range:

Format: Integer

Data Source:	User	*Parent Field:*	CAB
ACCField:	Not mapped	*ParentShortName:*	OpCAB
		ParentValue:	= "Yes"

Field Name:	**Dist Anast - Vein Harvest Technique**	*SeqNo:*	1531
Short Name:	DistVeinHTech	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the technique used to harvest the vein graft(s).

Harvest Coding: 1 = Endovascular
                      2 = Direct Vision
                      3 = Both

Valid Data: Endovascular; Direct Vision; Both

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Dist Anast - Vein #
ACCField:	Not mapped	*ParentShortName:*	DistVein
		ParentValue:	> 0

Field Name:	**Saphenous Vein Harvest Time**	*SeqNo:*	1532
Short Name:	SaphHrvstT	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the total time in minutes for saphenous vein harvest.

Harvest Coding:

Valid Data: 1 - 99

Usual Range:

Format: Integer

Data Source:	User	*Parent Field:*	Dist Anast - Vein #
ACCField:	Not mapped	*ParentShortName:*	DistVein
		ParentValue:	> 0

Field Name:	**Anastomotic Device Used**	*SeqNo:*	1540
Short Name:	AnasDevU	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate whether an anastomotic device/material was used for proximal or distal anastomoses such as glue, magnets, clips, stapler, etc. Exclude sutures.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data:	Yes; No
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	CAB
ACCField:	Not mapped	*ParentShortName:*	OpCAB
		ParentValue:	= "Yes"

Field Name:	**Anastomotic Device**	*SeqNo:*	1550
Short Name:	AnasDev	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate which type of anastomotic device was used. If more than one device used, indicate device used on Distal Anastomosis.

Harvest Coding: 1 = Glue
2 = Magnets
3 = Clips
4 = Staples
9 = Other

Valid Data:	Glue; Magnets; Clips; Staples; Other
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Anastomotic Device Used
ACCField:	Not mapped	*ParentShortName:*	AnasDevU
		ParentValue:	= "Yes"

Field Name:	**IMA Artery Used**	*SeqNo:*	1560
Short Name:	IMAArtUs	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate which, if any, Internal Mammary Artery(ies) (IMA) were used for grafts.

Harvest Coding: 1 = Left IMA
2 = Right IMA
3 = Both IMAs
4 = No IMA

Valid Data:	Left IMA; Right IMA; Both IMAs; No IMA
Usual Range:	
Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	CAB
ACCField:	Not mapped	*ParentShortName:*	OpCAB
		ParentValue:	= "Yes"

Field Name:	**IMA Harvest Technique**	*SeqNo:*	1570
Short Name:	IMATechn	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the technique of IMA harvest.

Harvest Coding: 2 = Direct Vision
                     3 = Thoracoscopy
                     4 = Combination
                     5 = Robotic Assisted

Valid Data: Direct Vision; Thoracoscopy; Combination; Robotic Assisted

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* IMA Artery Used

ACCField: Not mapped   *ParentShortName:* IMAArtUs

                                                   ParentValue: = "Left IMA", "Right IMA", or
                                                   "Both IMAs"

Field Name: **IMA Dist Anast #**   *SeqNo:* 1580

Short Name: NumIMADA   *Core:* Yes

                                                              Harvest: Yes

Definition: Indicate the total number of distal anastomoses done using IMA grafts.

Harvest Coding:

Valid Data: 0 - 6

Usual Range:

Format: Integer

Data Source: User   *Parent Field:* IMA Artery Used

ACCField: Not mapped   *ParentShortName:* IMAArtUs

                                                   ParentValue: = "Left IMA", "Right IMA", or
                                                   "Both IMAs"

Field Name: **Radial Artery Used**   *SeqNo:* 1590

Short Name: RadArtUs   *Core:* Yes

                                                              Harvest: Yes

Definition: Indicate which radial artery(ies) was/were used for grafts:
               No Radial artery
               Left Radial artery
               Right Radial artery
               Both Radial arteries

Harvest Coding: 1 = No Radial
                     2 = Left Radial
                     3 = Right Radial
                     4 = Both Radials

Valid Data: No Radial; Left Radial; Right Radial; Both Radials

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* CAB

ACCField: Not mapped   *ParentShortName:* OpCAB

                                                   ParentValue: = "Yes"

Field Name: **Radial Dist Anast #**   *SeqNo:* 1600

Short Name: NumRadDA   *Core:* Yes

     Harvest: Yes

Definition: Indicate the total number of distal anastomoses done using radial artery grafts.

Harvest Coding:

Valid Data: 0 - 6

Usual Range:

Format: Integer

Data Source: User	*Parent Field:* Radial Artery Used	
ACCField: Not mapped	*ParentShortName:* RadArtUs	
	ParentValue: = "Left Radial", "Right Radial", or "Both Radials"	

Field Name: **Radial Dist Anast Harvest Technique**   *SeqNo:* 1601

Short Name: RadHTech   *Core:* Yes

     Harvest: Yes

Definition: Indicate the technique used to harvest the radial artery(s).

Harvest Coding: 1 = Endovascular
2 = Direct Vision
3 = Both

Valid Data: Endovascular; Direct Vision; Both

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User	*Parent Field:* Radial Dist Anast #	
ACCField: Not mapped	*ParentShortName:* NumRadDA	
	ParentValue: > 0	

Field Name: **Radial Artery Harvest Time**   *SeqNo:* 1602

Short Name: RadHrvstT   *Core:* Yes

     Harvest: Yes

Definition: Indicate the total time in minutes for radial artery harvesting.

Harvest Coding:

Valid Data: 1 - 99

Usual Range:

Format: Integer

Data Source: User	*Parent Field:* Radial Dist Anast #	
ACCField: Not mapped	*ParentShortName:* NumRadDA	
	ParentValue: > 0	

Field Name: **GEPA Dist Anast #**   *SeqNo:* 1610

Short Name: NumGEPDA   *Core:* Yes

Harvest: Yes

Definition: Indicate the total number of distal anastomoses done using gastro-epiploic artery grafts.

Harvest Coding:

Valid Data:	0 - 6	
Usual Range:		
Format:	Integer	
Data Source:	User	*Parent Field:* CAB
ACCField:	Not mapped	*ParentShortName:* OpCAB
		ParentValue: = "Yes"

Field Name:	**Other Arterial Distal Anastomoses #**	*SeqNo:* 1620
Short Name:	NumOArtD	*Core:* Yes
		Harvest: Yes

Definition: Indicate the number of arterial distal anastomoses that were used, other than radial, GEPA or IMA.

Harvest Coding:

Valid Data:	0 - 6	
Usual Range:		
Format:	Integer	
Data Source:	User	*Parent Field:* CAB
ACCField:	Not mapped	*ParentShortName:* OpCAB
		ParentValue: = "Yes"

K. Valve Surgery

Field Name: **VS-Aortic Proc-Procedure**   *SeqNo:* 1630

Short Name: OpAortic   *Core:* Yes

                                                                                          Harvest: Yes

Definition: Indicate whether a surgical procedure was done or not done on the Aortic Valve. Select one of the following:
a. No
b. Replacement
c. Repair/Reconstruction
d. Root Reconstruction with Valve Conduit
e. Replacement + Aortic Graft Conduit (not a valve conduit)
f. Root Reconstruction w/ Valve Sparing
g. Resuspension Aortic Valve with Replacement of Ascending aorta
h. Resuspension Aortic Valve without Replacement of Ascending aorta
i. Resection Sub-Aortic Stenosis

Harvest Coding: 1 = No
2 = Replacement
3 = Repair/Reconstruction
4 = Root Reconstruction with Valve Conduit
8 = Replacement + Aortic Graft Conduit (not a valve conduit)
5 = Root Reconstruction with Valve Sparing
9 = Resuspension Aortic Valve with Replacement of Ascending aorta
10 = Resuspension Aortic Valve without Replacement of Ascending aorta
7 = Resection Sub-Aortic Stenosis

Valid Data: No; Replacement; Repair/Reconstruction; Root Reconstruction with Valve Conduit; Replacement + Aortic Graft Conduit (not a valve conduit); Root Reconstruction with Valve Sparing; Resuspension Aortic Valve with Replacement of Ascending aorta; Resuspension Aortic Valve without Replacement of Ascending aorta; Resection Sub-Aortic Stenosis

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Valve
ACCField:	Not mapped	*ParentShortName:* OpValve
		ParentValue: = "Yes"

Field Name: **VS-Mitral Proc-Procedure**   *SeqNo:* 1640

Short Name: OpMitral   *Core:* Yes

                                                                                          Harvest: Yes

Definition: Indicate whether a surgical procedure was done or not done on the Mitral Valve. Select one of the following:
a. No
b. Annuloplasty only
c. Replacement
d. Reconstruction with Annuloplasty
e. Reconstruction without Annuloplasty

Harvest Coding: 1 = No
2 = Annuloplasty Only
3 = Replacement
4 = Reconstruction with Annuloplasty
5 = Reconstruction without Annuloplasty

Valid Data: No; Annuloplasty Only; Replacement; Reconstruction with Annuloplasty; Reconstruction without Annuloplasty

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Valve
ACCField:	Not mapped	*ParentShortName:*	OpValve
		ParentValue:	= "Yes"

Field Name: **VS-Mitral Repair Attempt**   *SeqNo:* 1641

Short Name: MitralIntent   *Core:* Yes

Harvest: Yes

Definition: Indicate whether a Mitral Valve Repair was attempted prior to the Mitral Valve Replacement.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Mitral Proc-Procedure
ACCField:	Not mapped	*ParentShortName:*	OpMitral
		ParentValue:	= "Replacement"

Field Name: **VS-Tricuspid Proc-Procedure**   *SeqNo:* 1650

Short Name: OpTricus   *Core:* Yes

Harvest: Yes

Definition: Indicate whether a surgical procedure was done or not done on the Tricuspid Valve. Select one of the following:
a. No
b. Annuloplasty Only
c. Replacement
d. Reconstruction with Annuloplasty
e. Reconstruction without Annuloplasty
f. Valvectomy

Harvest Coding: 1 = No
2 = Annuloplasty Only
3 = Replacement
4 = Reconstruction with Annuloplasty
5 = Reconstruction without Annuloplasty
6 = Valvectomy

Valid Data: No; Annuloplasty Only; Replacement; Reconstruction with Annuloplasty; Reconstruction without Annuloplasty; Valvectomy

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Valve
ACCField:	Not mapped	*ParentShortName:*	OpValve
		ParentValue:	= "Yes"

Field Name: **VS-Pulmonic Proc-Procedure**   *SeqNo:* 1660

Short Name: OpPulm   *Core:* Yes

                                                                                   Harvest: Yes

Definition: Indicate whether a surgical procedure was done or not done on the Pulmonic Valve. Select one of
                the following:
                a. No
                b. Replacement
                c. Reconstruction

Harvest Coding: 1 = No
                    2 = Replacement
                    3 = Reconstruction

Valid Data: No; Replacement; Reconstruction

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Valve

ACCField: Not mapped   *ParentShortName:* OpValve

                                                         ParentValue: = "Yes"

Field Name: **VS-Aortic Proc-Aortic Annular enlargement**   *SeqNo:* 1670

Short Name: AnlrEnl   *Core:* Yes

                                                                                   Harvest: Yes

Definition: Indicate whether an annular enlargement procedure was performed on the Aortic Valve. An aortic
                annular enlargement is defined as incision of the aortic annulus to enlarge the aortic orifice. Annular
                enlargement techniques, include but are not limited to Manouguian, Konno and Nicks.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Valve

ACCField: Not mapped   *ParentShortName:* OpValve

                                                         ParentValue: = "Yes"

Field Name: **VS-Aortic Proc-Imp-Type**   *SeqNo:* 1680

Short Name: VSAoImTy   *Core:* Yes

                                                                                   Harvest: Yes

Definition: Indicate the type of implant; choose one:
                None
                M = Mechanical
                B = Bioprosthesis
                H = Homograft
                A = Autograft (Ross)
                R = Ring/Annuloplasty
                BA = Band/Annuloplasty

Harvest Coding: 1 = None
                    2 = Mechanical
                    3 = Bioprosthesis
                    4 = Homograft
                    5 = Autograft (Ross)
                    6 = Ring/Annuloplasty
                    7 = Band/Annuloplasty

Valid Data: None; Mechanical; Bioprosthesis; Homograft; Autograft (Ross); Ring/Annuloplasty; Band/Annuloplasty

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VS-Aortic Proc-Procedure

ACCField: Not mapped   *ParentShortName:* OpAortic

                                                    ParentValue: <> "No" And Is Not Missing

- -

Field Name: **VS-Aortic Proc-Imp**   *SeqNo:* 1690

Short Name: VSAoIm   *Core:* Yes

                                                                Harvest: Yes

Definition: Indicate the name of the prosthesis implanted.

Harvest Coding: 2 = ATS Mechanical Prosthesis
                    3 = Björk-Shiley Convex-Concave Mechanical Prosthesis
                    4 = Björk-Shiley Monostrut Mechanical Prosthesis
                    6 = CarboMedics Mechanical Prosthesis
                    57 = CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis
                    58 = CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis
                    59 = CarboMedics Reduced Cuff Aortic Valve
                    60 = CarboMedics Standard Aortic Valve
                    61 = CarboMedics Top-Hat Supra-annular Aortic Valve
                    62 = CarboMedics OptiForm Mitral Valve
                    63 = CarboMedics Standard Mitral Valve
                    64 = CarboMedics Orbis Universal Valve
                    65 = CarboMedics Small Adult Aortic and Mitral Valves
                    7 = Edwards Tekna Mechanical Prosthesis
                    53 = Lillehei-Kaster Mechanical Prosthesis
                    10 = MCRI On-X Mechanical Prosthesis
                    8 = Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis
                    66 = Medtronic ADVANTAGE Mechanical Prosthesis
                    9 = OmniCarbon Mechanical Prosthesis
                    54 = OmniScience Mechanical Prosthesis
                    11 = Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis
                    12 = Sorin Monoleaflet Allcarbon Mechanical Prosthesis
                    13 = St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve
                    67 = SJM Masters Series Mechanical Heart Valve
                    68 = SJM Masters Series Aortic Valve Graft Prosthesis
                    69 = St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series
                    70 = SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring
                    71 = SJM Regent Valve
                    14 = Starr-Edwards Caged-Ball Prosthesis
                    15 = Ultracor Mechanical Prosthesis
                    108 = ATS 3f Aortic Bioprosthesis
                    72 = Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary
                    73 = Baxter Prima Stentless Porcine Bioprosthesis - Root
                    19 = Biocor Porcine Bioprosthesis

74 = Biocor Stentless Porcine Bioprosthesis - Subcoronary

75 = Biocor Stentless Porcine Bioprosthesis - Root

21 = CarboMedics PhotoFix Pericardial Bioprosthesis

76 = Carpentier-Edwards Duraflex Porcine Bioprosthesis

77 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary

78 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root

22 = Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis

103 = Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis

23 = Carpentier-Edwards Standard Porcine Bioprosthesis

25 = Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis

79 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary

80 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Root

55 = Hancock Standard Porcine Bioprosthesis

28 = Hancock II Porcine Bioprosthesis

29 = Hancock Modified Orifice Porcine Bioprosthesis

30 = Ionescu-Shiley Pericardial Bioprosthesis

31 = Labcor Stented Porcine Bioprosthesis

81 = Labcor Stentless Porcine Bioprosthesis - Subcoronary

82 = Labcor Stentless Porcine Bioprosthesis - Root

83 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary

84 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Root

35 = Medtronic Intact Porcine Bioprosthesis

36 = Medtronic Mosaic Porcine Bioprosthesis

85 = Medtronic Contegra Bovine Jugular Bioprosthesis

37 = Mitroflow Pericardial Bioprosthesis

39 = St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve

40 = St. Jude Medical-Bioimplant Porcine Bioprosthesis

86 = SJM Biocor Valve

87 = SJM Epic Valve

88 = SJM Toronto Root Bioprosthesis

38 = Sorin Pericarbon Stentless Pericardial Bioprosthesis

89 = CryoLife Aortic Homograft

90 = CryoLife Pulmonary Homograft

91 = CryoLife CryoValve SG(Decellularized)Aortic Homograft

92 = CryoLife CryoValve SG Pulmonary Homograft

41 = Homograft Aortic - Subcoronary

42 = Homograft Aortic - Root

43 = Homograft Mitral

44 = Homograft Pulmonic Root

93 = LifeNet CV Allografts

45 = Pulmonary Autograft to aortic root (Ross Procedure)

109 = ATS Simulus Flex-O Ring

110 = ATS Simulus Flex-C Band

94 = CarboMedics AnnuloFlo Ring

95 = CarboMedics AnnuloFlex Ring

96 = CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology

46 = Carpentier-Edwards Classic Annuloplasty Ring

104 = Carpentier-Edwards Geoform Ring

105 = Carpentier-Edwards IMR Etlogix Ring

47 = Carpentier-Edwards Physio Annuloplasty System Ring

48 = Cosgrove-Edwards Annuloplasty System Ring

97 = Edwards MC³ Tricuspid Annuloplasty System G Future Band

98 = Genesee Sculptor Annuloplasty Ring

49 = Medtronic Sculptor Ring

50 = Medtronic-Duran AnCore Ring

51 = Sorin-Puig-Messana Ring

52 = St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring

106 = St. Jude RSR (Rigid Saddle Ring)
99 = SJM Tailor Annuloplasty Ring
100 = Medtronic Colvin Galloway Future Band
101 = Medtronic Duran Band
102 = Medtronic Duran - Ancore Band
107 = St. Jude Tailor Band
777 = Other

Valid Data: ATS Mechanical Prosthesis ; Björk-Shiley Convex-Concave Mechanical Prosthesis ; Björk-Shiley Monostrut Mechanical Prosthesis ; CarboMedics Mechanical Prosthesis ; CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Reduced Cuff Aortic Valve ; CarboMedics Standard Aortic Valve ; CarboMedics Top-Hat Supra-annular Aortic Valve ; CarboMedics OptiForm Mitral Valve ; CarboMedics Standard Mitral Valve ; CarboMedics Orbis Universal Valve ; CarboMedics Small Adult Aortic and Mitral Valves ; Edwards Tekna Mechanical Prosthesis; Lillehei-Kaster Mechanical Prosthesis; MCRI On-X Mechanical Prosthesis ; Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis ; Medtronic ADVANTAGE Mechanical Prosthesis; OmniCarbon Mechanical Prosthesis ; OmniScience Mechanical Prosthesis ; Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis ; Sorin Monoleaflet Allcarbon Mechanical Prosthesis; St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve ; SJM Masters Series Mechanical Heart Valve ; SJM Masters Series Aortic Valve Graft Prosthesis ; St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series ; SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring ; SJM Regent Valve ; Starr-Edwards Caged-Ball Prosthesis ; Ultracor Mechanical Prosthesis ; ATS 3f Aortic Bioprosthesis; Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary ; Baxter Prima Stentless Porcine Bioprosthesis - Root ; Biocor Porcine Bioprosthesis ; Biocor Stentless Porcine Bioprosthesis - Subcoronary ; Biocor Stentless Porcine Bioprosthesis - Root ; CarboMedics PhotoFix Pericardial Bioprosthesis; Carpentier-Edwards Duraflex Porcine Bioprosthesis ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root ; Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis; Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis; Carpentier-Edwards Standard Porcine Bioprosthesis ; Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Root ; Hancock Standard Porcine Bioprosthesis ; Hancock II Porcine Bioprosthesis ; Hancock Modified Orifice Porcine Bioprosthesis ; Ionescu-Shiley Pericardial Bioprosthesis ; Labcor Stented Porcine Bioprosthesis ; Labcor Stentless Porcine Bioprosthesis - Subcoronary ; Labcor Stentless Porcine Bioprosthesis - Root ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Root ; Medtronic Intact Porcine Bioprosthesis ; Medtronic Mosaic Porcine Bioprosthesis ; Medtronic Contegra Bovine Jugular Bioprosthesis ; Mitroflow Pericardial Bioprosthesis ; St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve ; St. Jude Medical-Bioimplant Porcine Bioprosthesis ; SJM Biocor Valve ; SJM Epic Valve ; SJM Toronto Root Bioprosthesis ; Sorin Pericarbon Stentless Pericardial Bioprosthesis ; CryoLife Aortic Homograft ; CryoLife Pulmonary Homograft ; CryoLife CryoValve SG(Decellularized)Aortic Homograft ; CryoLife CryoValve SG Pulmonary Homograft ; Homograft Aortic - Subcoronary ; Homograft Aortic - Root ; Homograft Mitral ; Homograft Pulmonic Root ; LifeNet CV Allografts ; Pulmonary Autograft to aortic root (Ross Procedure); ATS Simulus Flex-O Ring; ATS Simulus Flex-C Band; CarboMedics AnnuloFlo Ring ; CarboMedics AnnuloFlex Ring ; CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology ; Carpentier-Edwards Classic Annuloplasty Ring ; Carpentier-Edwards Geoform Ring; Carpentier-Edwards IMR Etlogix Ring; Carpentier-Edwards Physio Annuloplasty System Ring ; Cosgrove-Edwards Annuloplasty System Ring ; Edwards MC³ Tricuspid Annuloplasty System G Future Band ; Genesee Sculptor Annuloplasty Ring ; Medtronic Sculptor Ring ; Medtronic-Duran AnCore Ring ; Sorin-Puig-Messana Ring ; St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring ; St. Jude RSR (Rigid Saddle Ring); SJM Tailor Annuloplasty Ring ; Medtronic Colvin Galloway Future Band ; Medtronic Duran Band ; Medtronic Duran - Ancore Band ; St. Jude Tailor Band; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Aortic Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:*	VSAoImTy
		ParentValue:	<> "None"

Field Name:	**VS-Aortic Proc-Imp-Size**	*SeqNo:*	1700
Short Name:	VSAoImSz	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Aortic implant size.

Harvest Coding:

Valid Data: 5 - 50

Usual Range: 10 - 40

Format: Integer

Data Source:	User	*Parent Field:*	VS-Aortic Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:*	VSAoImTy
		ParentValue:	<> "None"

Field Name:	**VS-Mitral Proc-Imp-Type**	*SeqNo:*	1740
Short Name:	VSMiImTy	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the type of implant; choose one:
> None
> M = Mechanical
> B = Bioprosthesis
> H = Homograft
> A = Autograft (Ross)
> R = Ring/Annuloplasty
> BA = Band/Annuloplasty

Harvest Coding: 1 = None
> 2 = Mechanical
> 3 = Bioprosthesis
> 4 = Homograft
> 5 = Autograft (Ross)
> 6 = Ring/Annuloplasty
> 7 = Band/Annuloplasty

Valid Data: None; Mechanical; Bioprosthesis; Homograft; Autograft (Ross); Ring/Annuloplasty; Band/Annuloplasty

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Mitral Proc-Procedure
ACCField:	Not mapped	*ParentShortName:*	OpMitral
		ParentValue:	<> "No" And Is Not Missing

Field Name:	**VS-Mitral Proc-Imp**	*SeqNo:*	1750

Short Name: VSMiIm   *Core:* Yes

Harvest: Yes

Definition: Indicate the name of the prosthesis implanted.

Harvest Coding: 2 = ATS Mechanical Prosthesis
                       3 = Björk-Shiley Convex-Concave Mechanical Prosthesis
                       4 = Björk-Shiley Monostrut Mechanical Prosthesis
                       6 = CarboMedics Mechanical Prosthesis
                       57 = CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis
                       58 = CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis
                       59 = CarboMedics Reduced Cuff Aortic Valve
                       60 = CarboMedics Standard Aortic Valve
                       61 = CarboMedics Top-Hat Supra-annular Aortic Valve
                       62 = CarboMedics OptiForm Mitral Valve
                       63 = CarboMedics Standard Mitral Valve
                       64 = CarboMedics Orbis Universal Valve
                       65 = CarboMedics Small Adult Aortic and Mitral Valves
                       7 = Edwards Tekna Mechanical Prosthesis
                       53 = Lillehei-Kaster Mechanical Prosthesis
                       10 = MCRI On-X Mechanical Prosthesis
                       8 = Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis
                       66 = Medtronic ADVANTAGE Mechanical Prosthesis
                       9 = OmniCarbon Mechanical Prosthesis
                       54 = OmniScience Mechanical Prosthesis
                       11 = Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis
                       12 = Sorin Monoleaflet Allcarbon Mechanical Prosthesis
                       13 = St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve
                       67 = SJM Masters Series Mechanical Heart Valve
                       68 = SJM Masters Series Aortic Valve Graft Prosthesis
                       69 = St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series
                       70 = SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring
                       71 = SJM Regent Valve
                       14 = Starr-Edwards Caged-Ball Prosthesis
                       15 = Ultracor Mechanical Prosthesis
                       108 = ATS 3f Aortic Bioprosthesis
                       72 = Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary
                       73 = Baxter Prima Stentless Porcine Bioprosthesis - Root
                       19 = Biocor Porcine Bioprosthesis
                       74 = Biocor Stentless Porcine Bioprosthesis - Subcoronary
                       75 = Biocor Stentless Porcine Bioprosthesis - Root
                       21 = CarboMedics PhotoFix Pericardial Bioprosthesis
                       76 = Carpentier-Edwards Duraflex Porcine Bioprosthesis
                       77 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary
                       78 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root
                       22 = Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis
                       103 = Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis
                       23 = Carpentier-Edwards Standard Porcine Bioprosthesis
                       25 = Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis
                       79 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary
                       80 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Root
                       55 = Hancock Standard Porcine Bioprosthesis
                       28 = Hancock II Porcine Bioprosthesis
                       29 = Hancock Modified Orifice Porcine Bioprosthesis
                       30 = Ionescu-Shiley Pericardial Bioprosthesis
                       31 = Labcor Stented Porcine Bioprosthesis
                       81 = Labcor Stentless Porcine Bioprosthesis - Subcoronary
                       82 = Labcor Stentless Porcine Bioprosthesis - Root
                       83 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary

84 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Root
35 = Medtronic Intact Porcine Bioprosthesis
36 = Medtronic Mosaic Porcine Bioprosthesis
85 = Medtronic Contegra Bovine Jugular Bioprosthesis
37 = Mitroflow Pericardial Bioprosthesis
39 = St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve
40 = St. Jude Medical-Bioimplant Porcine Bioprosthesis
86 = SJM Biocor Valve
87 = SJM Epic Valve
88 = SJM Toronto Root Bioprosthesis
38 = Sorin Pericarbon Stentless Pericardial Bioprosthesis
89 = CryoLife Aortic Homograft
90 = CryoLife Pulmonary Homograft
91 = CryoLife CryoValve SG(Decellularized)Aortic Homograft
92 = CryoLife CryoValve SG Pulmonary Homograft
41 = Homograft Aortic - Subcoronary
42 = Homograft Aortic - Root
43 = Homograft Mitral
44 = Homograft Pulmonic Root
93 = LifeNet CV Allografts
45 = Pulmonary Autograft to aortic root (Ross Procedure)
109 = ATS Simulus Flex-O Ring
110 = ATS Simulus Flex-C Band
94 = CarboMedics AnnuloFlo Ring
95 = CarboMedics AnnuloFlex Ring
96 = CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology
46 = Carpentier-Edwards Classic Annuloplasty Ring
104 = Carpentier-Edwards Geoform Ring
105 = Carpentier-Edwards IMR Etlogix Ring
47 = Carpentier-Edwards Physio Annuloplasty System Ring
48 = Cosgrove-Edwards Annuloplasty System Ring
97 = Edwards MC³ Tricuspid Annuloplasty System G Future Band
98 = Genesee Sculptor Annuloplasty Ring
49 = Medtronic Sculptor Ring
50 = Medtronic-Duran AnCore Ring
51 = Sorin-Puig-Messana Ring
52 = St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring
106 = St. Jude RSR (Rigid Saddle Ring)
99 = SJM Tailor Annuloplasty Ring
100 = Medtronic Colvin Galloway Future Band
101 = Medtronic Duran Band
102 = Medtronic Duran - Ancore Band
107 = St. Jude Tailor Band
777 = Other

Valid Data: ATS Mechanical Prosthesis ; Björk-Shiley Convex-Concave Mechanical Prosthesis ; Björk-Shiley Monostrut Mechanical Prosthesis ; CarboMedics Mechanical Prosthesis ; CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Reduced Cuff Aortic Valve ; CarboMedics Standard Aortic Valve ; CarboMedics Top-Hat Supra-annular Aortic Valve ; CarboMedics OptiForm Mitral Valve ; CarboMedics Standard Mitral Valve ; CarboMedics Orbis Universal Valve ; CarboMedics Small Adult Aortic and Mitral Valves ; Edwards Tekna Mechanical Prosthesis; Lillehei-Kaster Mechanical Prosthesis; MCRI On-X Mechanical Prosthesis ; Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis ; Medtronic ADVANTAGE Mechanical Prosthesis; OmniCarbon Mechanical Prosthesis ; OmniScience Mechanical Prosthesis ; Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis ; Sorin Monoleaflet Allcarbon Mechanical Prosthesis; St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve ; SJM Masters Series Mechanical Heart Valve ; SJM

Masters Series Aortic Valve Graft Prosthesis ; St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series ; SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring ; SJM Regent Valve ; Starr-Edwards Caged-Ball Prosthesis ; Ultracor Mechanical Prosthesis ; ATS 3f Aortic Bioprosthesis; Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary ; Baxter Prima Stentless Porcine Bioprosthesis - Root ; Biocor Porcine Bioprosthesis ; Biocor Stentless Porcine Bioprosthesis - Subcoronary ; Biocor Stentless Porcine Bioprosthesis - Root ; CarboMedics PhotoFix Pericardial Bioprosthesis; Carpentier-Edwards Duraflex Porcine Bioprosthesis ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root ; Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis; Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis; Carpentier-Edwards Standard Porcine Bioprosthesis ; Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Root ; Hancock Standard Porcine Bioprosthesis ; Hancock II Porcine Bioprosthesis ; Hancock Modified Orifice Porcine Bioprosthesis ; Ionescu-Shiley Pericardial Bioprosthesis ; Labcor Stented Porcine Bioprosthesis ; Labcor Stentless Porcine Bioprosthesis - Subcoronary ; Labcor Stentless Porcine Bioprosthesis - Root ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Root ; Medtronic Intact Porcine Bioprosthesis ; Medtronic Mosaic Porcine Bioprosthesis ; Medtronic Contegra Bovine Jugular Bioprosthesis ; Mitroflow Pericardial Bioprosthesis ; St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve ; St. Jude Medical-Bioimplant Porcine Bioprosthesis ; SJM Biocor Valve ; SJM Epic Valve ; SJM Toronto Root Bioprosthesis ; Sorin Pericarbon Stentless Pericardial Bioprosthesis ; CryoLife Aortic Homograft ; CryoLife Pulmonary Homograft ; CryoLife CryoValve SG(Decellularized)Aortic Homograft ; CryoLife CryoValve SG Pulmonary Homograft ; Homograft Aortic - Subcoronary ; Homograft Aortic - Root ; Homograft Mitral ; Homograft Pulmonic Root ; LifeNet CV Allografts ; Pulmonary Autograft to aortic root (Ross Procedure); ATS Simulus Flex-O Ring; ATS Simulus Flex-C Band; CarboMedics AnnuloFlo Ring ; CarboMedics AnnuloFlex Ring ; CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology ; Carpentier-Edwards Classic Annuloplasty Ring ; Carpentier-Edwards Geoform Ring; Carpentier-Edwards IMR Etlogix Ring; Carpentier-Edwards Physio Annuloplasty System Ring ; Cosgrove-Edwards Annuloplasty System Ring ; Edwards MC³ Tricuspid Annuloplasty System G Future Band ; Genesee Sculptor Annuloplasty Ring ; Medtronic Sculptor Ring ; Medtronic-Duran AnCore Ring ; Sorin-Puig-Messana Ring ; St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring ; St. Jude RSR (Rigid Saddle Ring); SJM Tailor Annuloplasty Ring ; Medtronic Colvin Galloway Future Band ; Medtronic Duran Band ; Medtronic Duran - Ancore Band ; St. Jude Tailor Band; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Mitral Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:*	VSMiImTy
		ParentValue:	<> "None"

Field Name:	**VS-Mitral Proc-Imp-Size**	*SeqNo:*	1760
Short Name:	VSMiImSz	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Mitral implant size

Harvest Coding:

Valid Data: 5 - 50

Usual Range: 10 - 40

Format: Integer

Data Source:	User	*Parent Field:* VS-Mitral Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:* VSMiImTy
		ParentValue: <> "None"

Field Name: **VS-Tricuspid Proc-Imp-Type**   *SeqNo:* 1800

Short Name: VSTrImTy   *Core:* Yes

                    Harvest: Yes

Definition: Indicate the type of implant; choose one:
    None
    M = Mechanical
    B = Bioprosthesis
    H = Homograft
    A = Autograft (Ross)
    R = Ring/Annuloplasty
    BA = Band/Annuloplasty

Harvest Coding: 1 = None
    2 = Mechanical
    3 = Bioprosthesis
    4 = Homograft
    5 = Autograft (Ross)
    6 = Ring/Annuloplasty
    7 = Band/Annuloplasty

Valid Data: None; Mechanical; Bioprosthesis; Homograft; Autograft (Ross); Ring/Annuloplasty; Band/Annuloplasty

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* VS-Tricuspid Proc-Procedure
ACCField:	Not mapped	*ParentShortName:* OpTricus
		ParentValue: <> "No" And Is Not Missing

Field Name: **VS-Tricuspid Proc-Imp**   *SeqNo:* 1810

Short Name: VSTrIm   *Core:* Yes

                    Harvest: Yes

Definition: Indicate the name of the prosthesis implanted.

Harvest Coding: 2 = ATS Mechanical Prosthesis
    3 = Björk-Shiley Convex-Concave Mechanical Prosthesis
    4 = Björk-Shiley Monostrut Mechanical Prosthesis
    6 = CarboMedics Mechanical Prosthesis
    57 = CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis
    58 = CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis
    59 = CarboMedics Reduced Cuff Aortic Valve
    60 = CarboMedics Standard Aortic Valve
    61 = CarboMedics Top-Hat Supra-annular Aortic Valve
    62 = CarboMedics OptiForm Mitral Valve
    63 = CarboMedics Standard Mitral Valve
    64 = CarboMedics Orbis Universal Valve
    65 = CarboMedics Small Adult Aortic and Mitral Valves
    7 = Edwards Tekna Mechanical Prosthesis
    53 = Lillehei-Kaster Mechanical Prosthesis

10 = MCRI On-X Mechanical Prosthesis
8 = Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis
66 = Medtronic ADVANTAGE Mechanical Prosthesis
9 = OmniCarbon Mechanical Prosthesis
54 = OmniScience Mechanical Prosthesis
11 = Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis
12 = Sorin Monoleaflet Allcarbon Mechanical Prosthesis
13 = St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve
67 = SJM Masters Series Mechanical Heart Valve
68 = SJM Masters Series Aortic Valve Graft Prosthesis
69 = St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series
70 = SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring
71 = SJM Regent Valve
14 = Starr-Edwards Caged-Ball Prosthesis
15 = Ultracor Mechanical Prosthesis
108 = ATS 3f Aortic Bioprosthesis
72 = Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary
73 = Baxter Prima Stentless Porcine Bioprosthesis - Root
19 = Biocor Porcine Bioprosthesis
74 = Biocor Stentless Porcine Bioprosthesis - Subcoronary
75 = Biocor Stentless Porcine Bioprosthesis - Root
21 = CarboMedics PhotoFix Pericardial Bioprosthesis
76 = Carpentier-Edwards Duraflex Porcine Bioprosthesis
77 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary
78 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root
22 = Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis
103 = Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis
23 = Carpentier-Edwards Standard Porcine Bioprosthesis
25 = Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis
79 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary
80 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Root
55 = Hancock Standard Porcine Bioprosthesis
28 = Hancock II Porcine Bioprosthesis
29 = Hancock Modified Orifice Porcine Bioprosthesis
30 = Ionescu-Shiley Pericardial Bioprosthesis
31 = Labcor Stented Porcine Bioprosthesis
81 = Labcor Stentless Porcine Bioprosthesis - Subcoronary
82 = Labcor Stentless Porcine Bioprosthesis - Root
83 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary
84 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Root
35 = Medtronic Intact Porcine Bioprosthesis
36 = Medtronic Mosaic Porcine Bioprosthesis
85 = Medtronic Contegra Bovine Jugular Bioprosthesis
37 = Mitroflow Pericardial Bioprosthesis
39 = St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve
40 = St. Jude Medical-Bioimplant Porcine Bioprosthesis
86 = SJM Biocor Valve
87 = SJM Epic Valve
88 = SJM Toronto Root Bioprosthesis
38 = Sorin Pericarbon Stentless Pericardial Bioprosthesis
89 = CryoLife Aortic Homograft
90 = CryoLife Pulmonary Homograft
91 = CryoLife CryoValve SG(Decellularized)Aortic Homograft
92 = CryoLife CryoValve SG Pulmonary Homograft
41 = Homograft Aortic - Subcoronary
42 = Homograft Aortic - Root
43 = Homograft Mitral

44 = Homograft Pulmonic Root
93 = LifeNet CV Allografts
45 = Pulmonary Autograft to aortic root (Ross Procedure)
109 = ATS Simulus Flex-O Ring
110 = ATS Simulus Flex-C Band
94 = CarboMedics AnnuloFlo Ring
95 = CarboMedics AnnuloFlex Ring
96 = CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology
46 = Carpentier-Edwards Classic Annuloplasty Ring
104 = Carpentier-Edwards Geoform Ring
105 = Carpentier-Edwards IMR Etlogix Ring
47 = Carpentier-Edwards Physio Annuloplasty System Ring
48 = Cosgrove-Edwards Annuloplasty System Ring
97 = Edwards MC³ Tricuspid Annuloplasty System G Future Band
98 = Genesee Sculptor Annuloplasty Ring
49 = Medtronic Sculptor Ring
50 = Medtronic-Duran AnCore Ring
51 = Sorin-Puig-Messana Ring
52 = St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring
106 = St. Jude RSR (Rigid Saddle Ring)
99 = SJM Tailor Annuloplasty Ring
100 = Medtronic Colvin Galloway Future Band
101 = Medtronic Duran Band
102 = Medtronic Duran - Ancore Band
107 = St. Jude Tailor Band
777 = Other

Valid Data: ATS Mechanical Prosthesis ; Björk-Shiley Convex-Concave Mechanical Prosthesis ; Björk-Shiley Monostrut Mechanical Prosthesis ; CarboMedics Mechanical Prosthesis ; CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Reduced Cuff Aortic Valve ; CarboMedics Standard Aortic Valve ; CarboMedics Top-Hat Supra-annular Aortic Valve ; CarboMedics OptiForm Mitral Valve ; CarboMedics Standard Mitral Valve ; CarboMedics Orbis Universal Valve ; CarboMedics Small Adult Aortic and Mitral Valves ; Edwards Tekna Mechanical Prosthesis; Lillehei-Kaster Mechanical Prosthesis; MCRI On-X Mechanical Prosthesis ; Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis ; Medtronic ADVANTAGE Mechanical Prosthesis; OmniCarbon Mechanical Prosthesis ; OmniScience Mechanical Prosthesis ; Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis ; Sorin Monoleaflet Allcarbon Mechanical Prosthesis; St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve ; SJM Masters Series Mechanical Heart Valve ; SJM Masters Series Aortic Valve Graft Prosthesis ; St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series ; SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring ; SJM Regent Valve ; Starr-Edwards Caged-Ball Prosthesis ; Ultracor Mechanical Prosthesis ; ATS 3f Aortic Bioprosthesis; Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary ; Baxter Prima Stentless Porcine Bioprosthesis - Root ; Biocor Porcine Bioprosthesis ; Biocor Stentless Porcine Bioprosthesis - Subcoronary ; Biocor Stentless Porcine Bioprosthesis - Root ; CarboMedics PhotoFix Pericardial Bioprosthesis; Carpentier-Edwards Duraflex Porcine Bioprosthesis ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root ; Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis; Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis; Carpentier-Edwards Standard Porcine Bioprosthesis ; Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Root ; Hancock Standard Porcine Bioprosthesis ; Hancock II Porcine Bioprosthesis ; Hancock Modified Orifice Porcine Bioprosthesis ; Ionescu-Shiley Pericardial Bioprosthesis ; Labcor Stented Porcine Bioprosthesis ; Labcor Stentless Porcine Bioprosthesis - Subcoronary ; Labcor Stentless Porcine Bioprosthesis - Root ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Root ; Medtronic Intact Porcine Bioprosthesis ;

Medtronic Mosaic Porcine Bioprosthesis ; Medtronic Contegra Bovine Jugular Bioprosthesis ; Mitroflow Pericardial Bioprosthesis ; St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve ; St. Jude Medical-Bioimplant Porcine Bioprosthesis ; SJM Biocor Valve ; SJM Epic Valve ; SJM Toronto Root Bioprosthesis ; Sorin Pericarbon Stentless Pericardial Bioprosthesis ; CryoLife Aortic Homograft ; CryoLife Pulmonary Homograft ; CryoLife CryoValve SG(Decellularized)Aortic Homograft ; CryoLife CryoValve SG Pulmonary Homograft ; Homograft Aortic - Subcoronary ; Homograft Aortic - Root ; Homograft Mitral ; Homograft Pulmonic Root ; LifeNet CV Allografts ; Pulmonary Autograft to aortic root (Ross Procedure); ATS Simulus Flex-O Ring; ATS Simulus Flex-C Band; CarboMedics AnnuloFlo Ring ; CarboMedics AnnuloFlex Ring ; CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology ; Carpentier-Edwards Classic Annuloplasty Ring ; Carpentier-Edwards Geoform Ring; Carpentier-Edwards IMR Etlogix Ring; Carpentier-Edwards Physio Annuloplasty System Ring ; Cosgrove-Edwards Annuloplasty System Ring ; Edwards MC³ Tricuspid Annuloplasty System G Future Band ; Genesee Sculptor Annuloplasty Ring ; Medtronic Sculptor Ring ; Medtronic-Duran AnCore Ring ; Sorin-Puig-Messana Ring ; St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring ; St. Jude RSR (Rigid Saddle Ring); SJM Tailor Annuloplasty Ring ; Medtronic Colvin Galloway Future Band ; Medtronic Duran Band ; Medtronic Duran - Ancore Band ; St. Jude Tailor Band; Other

Usual Range:	
Format:	Text (categorical values specified by STS)
Data Source:	User
ACCField:	Not mapped

Parent Field: VS-Tricuspid Proc-Imp-Type

ParentShortName: VSTrImTy

ParentValue: <> "None"

Field Name:	**VS-Tricuspid Proc-Imp-Size**	*SeqNo:*	1820
Short Name:	VSTrImSz	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Tricuspid implant size.

Harvest Coding:

Valid Data:	5 - 50
Usual Range:	10 - 40
Format:	Integer
Data Source:	User
ACCField:	Not mapped

Parent Field: VS-Tricuspid Proc-Imp-Type

ParentShortName: VSTrImTy

ParentValue: <> "None"

Field Name:	**VS-Pulmonic Proc-Imp-Type**	*SeqNo:*	1860
Short Name:	VSPuImTy	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the type of implant; choose one:
  None
  M = Mechanical
  B = Bioprosthesis
  H = Homograft
  A = Autograft (Ross)
  R = Ring/Annuloplasty
  BA = Band/Annuloplasty

Harvest Coding:	1 = None
	2 = Mechanical
	3 = Bioprosthesis
	4 = Homograft
	5 = Autograft (Ross)
	6 = Ring/Annuloplasty
	7 = Band/Annuloplasty

Valid Data:　　　None; Mechanical; Bioprosthesis; Homograft; Autograft (Ross); Ring/Annuloplasty; Band/Annuloplasty

Usual Range:

Format:　　　Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Pulmonic Proc-Procedure
ACCField:	Not mapped	*ParentShortName:*	OpPulm
		ParentValue:	<> "No" And Is Not Missing

Field Name:	**VS-Pulmonic Proc-Imp**	*SeqNo:*	1870
Short Name:	VSPuIm	*Core:*	Yes
		Harvest:	Yes

Definition:　Indicate the name of the prosthesis implanted.

Harvest Coding:　　2 = ATS Mechanical Prosthesis
　　3 = Björk-Shiley Convex-Concave Mechanical Prosthesis
　　4 = Björk-Shiley Monostrut Mechanical Prosthesis
　　6 = CarboMedics Mechanical Prosthesis
　　57 = CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis
　　58 = CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis
　　59 = CarboMedics Reduced Cuff Aortic Valve
　　60 = CarboMedics Standard Aortic Valve
　　61 = CarboMedics Top-Hat Supra-annular Aortic Valve
　　62 = CarboMedics OptiForm Mitral Valve
　　63 = CarboMedics Standard Mitral Valve
　　64 = CarboMedics Orbis Universal Valve
　　65 = CarboMedics Small Adult Aortic and Mitral Valves
　　7 = Edwards Tekna Mechanical Prosthesis
　　53 = Lillehei-Kaster Mechanical Prosthesis
　　10 = MCRI On-X Mechanical Prosthesis
　　8 = Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis
　　66 = Medtronic ADVANTAGE Mechanical Prosthesis
　　9 = OmniCarbon Mechanical Prosthesis
　　54 = OmniScience Mechanical Prosthesis
　　11 = Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis
　　12 = Sorin Monoleaflet Allcarbon Mechanical Prosthesis
　　13 = St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve
　　67 = SJM Masters Series Mechanical Heart Valve
　　68 = SJM Masters Series Aortic Valve Graft Prosthesis
　　69 = St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series
　　70 = SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring
　　71 = SJM Regent Valve
　　14 = Starr-Edwards Caged-Ball Prosthesis
　　15 = Ultracor Mechanical Prosthesis
　　108 = ATS 3f Aortic Bioprosthesis
　　72 = Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary
　　73 = Baxter Prima Stentless Porcine Bioprosthesis - Root
　　19 = Biocor Porcine Bioprosthesis

74 = Biocor Stentless Porcine Bioprosthesis - Subcoronary
75 = Biocor Stentless Porcine Bioprosthesis - Root
21 = CarboMedics PhotoFix Pericardial Bioprosthesis
76 = Carpentier-Edwards Duraflex Porcine Bioprosthesis
77 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary
78 = Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root
22 = Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis
103 = Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis
23 = Carpentier-Edwards Standard Porcine Bioprosthesis
25 = Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis
79 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary
80 = Cryolife O'Brien Stentless Porcine Bioprosthesis - Root
55 = Hancock Standard Porcine Bioprosthesis
28 = Hancock II Porcine Bioprosthesis
29 = Hancock Modified Orifice Porcine Bioprosthesis
30 = Ionescu-Shiley Pericardial Bioprosthesis
31 = Labcor Stented Porcine Bioprosthesis
81 = Labcor Stentless Porcine Bioprosthesis - Subcoronary
82 = Labcor Stentless Porcine Bioprosthesis - Root
83 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary
84 = Medtronic Freestyle Stentless Porcine Bioprosthesis - Root
35 = Medtronic Intact Porcine Bioprosthesis
36 = Medtronic Mosaic Porcine Bioprosthesis
85 = Medtronic Contegra Bovine Jugular Bioprosthesis
37 = Mitroflow Pericardial Bioprosthesis
39 = St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve
40 = St. Jude Medical-Bioimplant Porcine Bioprosthesis
86 = SJM Biocor Valve
87 = SJM Epic Valve
88 = SJM Toronto Root Bioprosthesis
38 = Sorin Pericarbon Stentless Pericardial Bioprosthesis
89 = CryoLife Aortic Homograft
90 = CryoLife Pulmonary Homograft
91 = CryoLife CryoValve SG(Decellularized)Aortic Homograft
92 = CryoLife CryoValve SG Pulmonary Homograft
41 = Homograft Aortic - Subcoronary
42 = Homograft Aortic - Root
43 = Homograft Mitral
44 = Homograft Pulmonic Root
93 = LifeNet CV Allografts
45 = Pulmonary Autograft to aortic root (Ross Procedure)
109 = ATS Simulus Flex-O Ring
110 = ATS Simulus Flex-C Band
94 = CarboMedics AnnuloFlo Ring
95 = CarboMedics AnnuloFlex Ring
96 = CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology
46 = Carpentier-Edwards Classic Annuloplasty Ring
104 = Carpentier-Edwards Geoform Ring
105 = Carpentier-Edwards IMR Etlogix Ring
47 = Carpentier-Edwards Physio Annuloplasty System Ring
48 = Cosgrove-Edwards Annuloplasty System Ring
97 = Edwards MC³ Tricuspid Annuloplasty System G Future Band
98 = Genesee Sculptor Annuloplasty Ring
49 = Medtronic Sculptor Ring
50 = Medtronic-Duran AnCore Ring
51 = Sorin-Puig-Messana Ring
52 = St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring

106 = St. Jude RSR (Rigid Saddle Ring)
99 = SJM Tailor Annuloplasty Ring
100 = Medtronic Colvin Galloway Future Band
101 = Medtronic Duran Band
102 = Medtronic Duran - Ancore Band
107 = St. Jude Tailor Band
777 = Other

Valid Data: ATS Mechanical Prosthesis ; Björk-Shiley Convex-Concave Mechanical Prosthesis ; Björk-Shiley Monostrut Mechanical Prosthesis ; CarboMedics Mechanical Prosthesis ; CarboMedics Carbo-Seal Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Carbo-Seal Valsalva Ascending Aortic Valved Conduit Prosthesis ; CarboMedics Reduced Cuff Aortic Valve ; CarboMedics Standard Aortic Valve ; CarboMedics Top-Hat Supra-annular Aortic Valve ; CarboMedics OptiForm Mitral Valve ; CarboMedics Standard Mitral Valve ; CarboMedics Orbis Universal Valve ; CarboMedics Small Adult Aortic and Mitral Valves ; Edwards Tekna Mechanical Prosthesis; Lillehei-Kaster Mechanical Prosthesis; MCRI On-X Mechanical Prosthesis ; Medtronic-Hall/Hall Easy-Fit Mechanical Prosthesis ; Medtronic ADVANTAGE Mechanical Prosthesis; OmniCarbon Mechanical Prosthesis ; OmniScience Mechanical Prosthesis ; Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis ; Sorin Monoleaflet Allcarbon Mechanical Prosthesis; St. Jude Medical Mechanical Prosthesis or St. Jude Medical Mechanical Heart Valve ; SJM Masters Series Mechanical Heart Valve ; SJM Masters Series Aortic Valve Graft Prosthesis ; St. Jude Medical Mechanical Heart Valve Hemodynamic Plus (HP) Series ; SJM Masters Series Hemodynamic Plus Valve with FlexCuff Sewing Ring ; SJM Regent Valve ; Starr-Edwards Caged-Ball Prosthesis ; Ultracor Mechanical Prosthesis ; ATS 3f Aortic Bioprosthesis; Baxter Prima Stentless Porcine Bioprosthesis - Subcoronary ; Baxter Prima Stentless Porcine Bioprosthesis - Root ; Biocor Porcine Bioprosthesis ; Biocor Stentless Porcine Bioprosthesis - Subcoronary ; Biocor Stentless Porcine Bioprosthesis - Root ; CarboMedics PhotoFix Pericardial Bioprosthesis; Carpentier-Edwards Duraflex Porcine Bioprosthesis ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Subcoronary ; Carpentier-Edwards Prima Plus Stentless Porcine Bioprosthesis - Root ; Carpentier-Edwards PERIMOUNT Pericardial Bioprosthesis; Carpentier-Edwards PERIMOUNT Pericardial Magna Bioprosthesis; Carpentier-Edwards Standard Porcine Bioprosthesis ; Carpentier-Edwards Supra-Annular Aortic Porcine Bioprosthesis ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Subcoronary ; Cryolife O'Brien Stentless Porcine Bioprosthesis - Root ; Hancock Standard Porcine Bioprosthesis ; Hancock II Porcine Bioprosthesis ; Hancock Modified Orifice Porcine Bioprosthesis ; Ionescu-Shiley Pericardial Bioprosthesis ; Labcor Stented Porcine Bioprosthesis ; Labcor Stentless Porcine Bioprosthesis - Subcoronary ; Labcor Stentless Porcine Bioprosthesis - Root ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Subcoronary ; Medtronic Freestyle Stentless Porcine Bioprosthesis - Root ; Medtronic Intact Porcine Bioprosthesis ; Medtronic Mosaic Porcine Bioprosthesis ; Medtronic Contegra Bovine Jugular Bioprosthesis ; Mitroflow Pericardial Bioprosthesis ; St. Jude Medical - Toronto SPV Stentless Porcine Bioprosthesis or SJM Toronto SPV Valve ; St. Jude Medical-Bioimplant Porcine Bioprosthesis ; SJM Biocor Valve ; SJM Epic Valve ; SJM Toronto Root Bioprosthesis ; Sorin Pericarbon Stentless Pericardial Bioprosthesis ; CryoLife Aortic Homograft ; CryoLife Pulmonary Homograft ; CryoLife CryoValve SG(Decellularized)Aortic Homograft ; CryoLife CryoValve SG Pulmonary Homograft ; Homograft Aortic - Subcoronary ; Homograft Aortic - Root ; Homograft Mitral ; Homograft Pulmonic Root ; LifeNet CV Allografts ; Pulmonary Autograft to aortic root (Ross Procedure); ATS Simulus Flex-O Ring; ATS Simulus Flex-C Band; CarboMedics AnnuloFlo Ring ; CarboMedics AnnuloFlex Ring ; CarboMedics CardioFix Bovine Pericardium with PhotoFix Technology ; Carpentier-Edwards Classic Annuloplasty Ring ; Carpentier-Edwards Geoform Ring; Carpentier-Edwards IMR Etlogix Ring; Carpentier-Edwards Physio Annuloplasty System Ring ; Cosgrove-Edwards Annuloplasty System Ring ; Edwards MC³ Tricuspid Annuloplasty System G Future Band ; Genesee Sculptor Annuloplasty Ring ; Medtronic Sculptor Ring ; Medtronic-Duran AnCore Ring ; Sorin-Puig-Messana Ring ; St. Jude Medical Sequin Ring or SJM Séguin Annuloplasty Ring ; St. Jude RSR (Rigid Saddle Ring); SJM Tailor Annuloplasty Ring ; Medtronic Colvin Galloway Future Band ; Medtronic Duran Band ; Medtronic Duran - Ancore Band ; St. Jude Tailor Band; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VS-Pulmonic Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:*	VSPuImTy
		ParentValue:	<> "None"

Field Name:	**VS-Pulmonic Proc-Imp-Size**	*SeqNo:*	1880
Short Name:	VSPuImSz	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Pulmonic implant size.

Harvest Coding:

Valid Data: 5 - 50

Usual Range: 10 - 40

Format: Integer

Data Source:	User	*Parent Field:*	VS-Pulmonic Proc-Imp-Type
ACCField:	Not mapped	*ParentShortName:*	VSPuImTy
		ParentValue:	<> "None"

Field Name:	**Valve Implant List Version Number**	*SeqNo:*	1881
Short Name:	ValveVrsn	*Core:*	Yes
		Harvest:	Yes

Definition: The version number of the list of valve implant options. The value is inserted into the record at the time the record is created. The version numbers will be specified by the STS.

Harvest Coding: "2.61.1"

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format: Text

Data Source:	Automatic	*Parent Field:*	Valve
ACCField:	Not mapped	*ParentShortName:*	OpValve
		ParentValue:	= "Yes"

L. VAD

Field Name: **VAD-Previous VAD**   *SeqNo:* 1920

Short Name: PrevVAD   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate if the patient, during a previous hospitalization, received a mechanical ventricular assist device, pneumatically or electrically controlled, that supports the pumping chambers of the heart.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                  ParentValue: = "Yes"

Field Name: **Previous VAD Facility**   *SeqNo:* 1921

Short Name: PrevVADF   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate if the previously implanted assist device was implanted at another facility.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD-Previous VAD

ACCField: Not mapped   *ParentShortName:* PrevVAD

                                                  ParentValue: = "Yes"

Field Name: **VAD Product Type List Version Number**   *SeqNo:* 1922

Short Name: VADListVrsn   *Core:* Yes

                                                                               Harvest: Yes

Definition: The version number of the list of options available for the VAD product type fields. The value is inserted into the record at the time the record is created. The version numbers will be specified by the STS.

Harvest Coding: "2.61.1"

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format: Text

Data Source: Automatic   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

ParentValue:

Field Name: **VAD-Indication for Initial VAD**   *SeqNo:* 1930
Short Name: VADInd   *Core:* Yes
                                                                                    Harvest: Yes

Definition: Indicate the reason the patient is receiving the initial ventricular assist device (VAD)

     - Bridge to Transplantation: Includes those patients who are supported with a VAD until a heart transplant is possible.

     - Bridge to Recovery: Includes those patients who are expected to have ventricular recovery. (i.e. Myocarditis patients, postcardiotomy syndromes, viral cardiomyopathies, AMI w/ revascularization, and post-transplant reperfusion injury)

     - Destination: Includes those patients where a heart transplant is not an option. The VAD is placed for permanent life sustaining support.

     - Postcardiotomy Ventricular failure (separation from CPB): Includes those postcardiotomy patients who receive a VAD because of failure to separate from the heart-lung machine. Postcardiotomy refers to those patients with the inability to wean from cardiopulmonary bypass secondary to left, right, or biventricular failure.

     - Device Malfunction: Includes those patients who are currently VAD supported and are experiencing device failure

     - End of Life - Mechanical device pump has reached functional life expectancy and requires replacement

Harvest Coding: 1 = Bridge to Transplantation
2 = Bridge to Recovery
3 = Destination
4 = Postcardiotomy Ventricular failure (separation from CPB)
5 = Device Malfunction
6 = End of Life

Valid Data: Bridge to Transplantation; Bridge to Recovery; Destination; Postcardiotomy Ventricular failure (separation from CPB); Device Malfunction; End of Life

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD
ACCField: Not mapped   *ParentShortName:* VAD
                                                       ParentValue: = "Yes"

Field Name: **VAD-Intubated Pre-VAD**   *SeqNo:* 1940
Short Name: IntPVAD   *Core:* Yes
                                                                                   Harvest: Yes

Definition: Indicate if the patient was intubated prior to the OR in which the VAD was placed.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* VAD
ACCField:	Not mapped	*ParentShortName:* VAD
		ParentValue: = "Yes"

Field Name:	**VAD-Hemodynamics Pre-VAD-PCWP**	*SeqNo:* 1950
Short Name:	HPVPCWP	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Pulmonary Capillary Wedge Pressure (PCWP) in mm/Hg as determined prior to induction in the OR, or in an ICU immediately prior to the OR.

Harvest Coding:

Valid Data:	1 - 50
Usual Range:	5 - 30
Format:	Integer

Data Source:	User	*Parent Field:* VAD
ACCField:	Not mapped	*ParentShortName:* VAD
		ParentValue: = "Yes"

Field Name:	**VAD-Hemodynamics Pre-VAD-CVP**	*SeqNo:* 1960
Short Name:	HPVCVP	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Central Venous Pressure (CVP) in mm/Hg prior to induction in the OR, or in an ICU immediately prior to the OR.

Harvest Coding:

Valid Data:	1 - 50
Usual Range:	5 - 10
Format:	Integer

Data Source:	User	*Parent Field:* VAD
ACCField:	Not mapped	*ParentShortName:* VAD
		ParentValue: = "Yes"

Field Name:	**VAD-Hemodynamics Pre-VAD-PVR**	*SeqNo:* 1970
Short Name:	HPVPVR	*Core:* No
		Harvest: No

Definition: Indicate the Pulmonary Vascular Resistance (PVR) prior to induction in the OR, or in an ICU immediately prior to the OR. Please collect the value in woods units. If your institution reports PVR as dynes sec/cm5, please convert using the formula below.

PVR in woods units = (MPAP-PCWP)/CO
PVR in dynes sec/cm5 = (MPAP-PCWP)/CO x 80

Harvest Coding:

Valid Data:	0.5 - 12.0
Usual Range:	0.5 - 8.0

Format: Real number 2.1 digits e.g. 99.9

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                              ParentValue: = "Yes"

Field Name: **VAD-Hemodynamics Pre-VAD-CI**   *SeqNo:* 1980

Short Name: HPVCI   *Core:* Yes

                                                                         Harvest: Yes

Definition: Indicate the Cardiac Index (CI) in L/(min x m2) prior to induction in the OR, or in an ICU
                immediately prior to the OR.

Harvest Coding:

Valid Data: 0.5 - 5.0

Usual Range: 0.5 - 2.0

Format: Real

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                              ParentValue: = "Yes"

Field Name: **VAD-Hemodynamics Pre-VAD-RVEF**   *SeqNo:* 1990

Short Name: HPVRVEF   *Core:* Yes

                                                                         Harvest: Yes

Definition: Indicate the Right Ventricular Function prior to anesthesia induction in the OR and as close to time
                of the VAD implant as possible.

Harvest Coding: 1 = Normal
                     2 = Mildly Impaired
                     3 = Moderately Impaired
                     4 = Severely Impaired

Valid Data: Normal; Mildly Impaired; Moderately Impaired; Severely Impaired

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                              ParentValue: = "Yes"

Field Name: **VAD-Hemodynamics Pre-VAD-RVEF Method**   *SeqNo:* 2000

Short Name: HPVRVMth   *Core:* No

                                                                         Harvest: No

Definition: Indicate the method the RV Function was obtained.

Harvest Coding: 1 = PreOp Echo
                     2 = Intraop preVAD TEE

Valid Data: PreOp Echo; Intraop preVAD TEE

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Hemodynamics Pre-VAD-RVEF
ACCField:	Not mapped	*ParentShortName:*	HPVRVEF
		ParentValue:	Is Not Missing

Field Name:	**VAD-Hemodynamics Pre-VAD-PVO2 Measured**	*SeqNo:*	2010
Short Name:	HPVPVO2M	*Core:*	No
		Harvest:	No

Definition: Indicate whether the peak VO2 was measured prior to induction in the OR, or in an ICU immediately prior to the OR.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD
ACCField:	Not mapped	*ParentShortName:*	VAD
		ParentValue:	= "Yes"

Field Name:	**VAD-Hemodynamics Pre-VAD-PVO2**	*SeqNo:*	2020
Short Name:	HPVPVO2	*Core:*	No
		Harvest:	No

Definition: Indicate the peak VO2 in ml/kg/min prior to induction in the OR, or in an ICU immediately prior to the OR.

Harvest Coding:

Valid Data: 5 - 30

Usual Range: 5 - 15

Format: Integer

Data Source:	User	*Parent Field:*	VAD-Hemodynamics Pre-VAD-PVO2 Measured
ACCField:	Not mapped	*ParentShortName:*	HPVPVO2M
		ParentValue:	= "Yes"

Field Name:	**VAD-Implant Type**	*SeqNo:*	2030
Short Name:	VImpTy	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the initial type of VAD implanted.

Harvest Coding: 1 = RVAD - Right Ventricular Assist Device
2 = LVAD - Left Ventricular Assist Device
3 = BiVAD - BiVentricular Assist Device
4 = TAH - Total Artificial Heart

Valid Data: RVAD - Right Ventricular Assist Device; LVAD - Left Ventricular Assist Device; BiVAD -

BiVentricular Assist Device; TAH - Total Artificial Heart

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

ParentValue: = "Yes"

Field Name: **VAD-Initial VAD Cannulation/Attach Site - LVAD Inflow**   *SeqNo:* 2032

Short Name: LVADInf   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Left Atrium
                    2 = Left Ventricle

Valid Data: Left Atrium; Left Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD-Implant Type

ACCField: Not mapped   *ParentShortName:* VImpTy

ParentValue: = "LVAD", "BiVAD", or "TAH"

Field Name: **VAD-Initial VAD Cannulation/Attach Site - RVAD Inflow**   *SeqNo:* 2033

Short Name: RVADInf   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Right Atrium
                    2 = Right Ventricle

Valid Data: Right Atrium; Right Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD-Implant Type

ACCField: Not mapped   *ParentShortName:* VImpTy

ParentValue: = "RVAD", "BiVAD" or "TAH"

Field Name: **VAD-Product Type**   *SeqNo:* 2040

Short Name: VProdTy   *Core:* Yes

                                                                                    Harvest: Yes

Definition: Indicate the specific product implanted. Implant defined as physical placement of the VAD.

Harvest Coding: 1 = HeartQuest VAD

    2 = Lion Heart
    3 = Novacor LVAS
    4 = Heartsaver VAD
    5 = Jarvik 2000
    6 = DeBakey VAD
    7 = TandemHeart pVAD
    8 = AB-180 iVAD
    9 = CardioWest TAH
    10 = Thoratec IVAD
    11 = HeartMate VE
    12 = HeartMate IP LVAS
    13 = HeartMate SNAP-VE
    14 = HeartMate XVE
    15 = HeartMate II
    16 = HeartMate III
    17 = BVS5000i
    18 = AbioCor
    19 = Incor
    20 = Excor
    21 = Other

Valid Data: HeartQuest VAD; Lion Heart; Novacor LVAS; Heartsaver VAD; Jarvik 2000; DeBakey VAD; TandemHeart pVAD; AB-180 iVAD; CardioWest TAH; Thoratec IVAD; HeartMate VE; HeartMate IP LVAS; HeartMate SNAP-VE; HeartMate XVE ; HeartMate II; HeartMate III; BVS5000i; AbioCor; Incor; Excor; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Implant Type
ACCField:	Not mapped	*ParentShortName:*	VImpTy
		ParentValue:	Is Not Missing

Field Name:	**VAD-Implant Date**	*SeqNo:*	2050
Short Name:	VImpDt	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the date the VAD was implanted.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source:	User	*Parent Field:*	VAD-Implant Type
ACCField:	Not mapped	*ParentShortName:*	VImpTy
		ParentValue:	Is Not Missing

Field Name:	**VAD-Explant**	*SeqNo:*	2060
Short Name:	VExp	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate if the VAD was explanted. Explant is defined as physical removal of the VAD.

Harvest Coding: 1 = Yes
    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant Type

ACCField: Not mapped   *ParentShortName:* VImpTy

                                                   ParentValue: Is Not Missing

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Field Name: **VAD-Explant Date**   *SeqNo:* 2070

Short Name: VExpDt   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate the date the VAD was explanted.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*   VAD-Explant

ACCField: Not mapped   *ParentShortName:* VExp

                                                   ParentValue: = "Yes"

Field Name: **VAD-Explant Reason**   *SeqNo:* 2080

Short Name: VExpRsn   *Core:* Yes

                                                                     Harvest: Yes

Definition: Indicate the reason the VAD was explanted:

1. Cardiac Transplant- The VAD was explanted for Cardiac Transplant.
2. Recovery- The VAD was removed after cardiac recovery.
3. Device Transfer- The VAD was explanted in order to implant another assist device.
4. Device-Related Infection- An infection within the pump pocket, driveline, VAD Endocarditis, or other infection requiring explantation of the VAD. The body of the VAD has an active infection requiring removal to eliminate the infection. "Device-related infections" are defined as positive culture in the presence of leukocytosis, and /or fever requiring medical or surgical intervention.
5. Device Malfunction- The VAD pump itself is not functioning properly causing hemodynamic compromise, and/or requiring immediate intervention or VAD replacement.
6. End of Life - Mechanical device pump has reached functional life expectancy and requires replacement.

Harvest Coding: 1 = Cardiac Transplant
                     2 = Recovery
                     3 = Device Transfer
                     4 = Device-Related Infection
                     5 = Device Malfunction
                     6 = End of Life

Valid Data: Cardiac Transplant; Recovery; Device Transfer; Device-Related Infection; Device Malfunction; End of Life

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Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD-Explant

ACCField: Not mapped   *ParentShortName:* VExp

ParentValue: = "Yes"

Field Name: **VAD-Cardiac Transplant**   *SeqNo:* 2090

Short Name: VCardTx   *Core:* No

Harvest: No

Definition: Indicate whether the patient received a cardiac transplant during this hospitalization.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Explant Reason

ACCField: Not mapped   *ParentShortName:* VExpRsn

ParentValue: = "Cardiac Transplant"

Field Name: **VAD-Cardiac Transplant Date**   *SeqNo:* 2100

Short Name: VTxDt   *Core:* Yes

Harvest: Yes

Definition: Indicate the date the patient received a cardiac transplant.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*   VAD-Explant Reason

ACCField: Not mapped   *ParentShortName:* VExpRsn

ParentValue: = "Cardiac Transplant"

Field Name: **VAD-Implant #2**   *SeqNo:* 2129

Short Name: VImp2   *Core:* Yes

Harvest: Yes

Definition: Indicate whether a second ventricular assist device was implanted.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField:	Not mapped	*ParentShortName:*	VAD
		ParentValue:	= "Yes"

Field Name:	**VAD-Implant Type #2**		*SeqNo:* 2130
Short Name:	VImpTy2		*Core:* Yes
			Harvest: Yes

Definition: Indicate the second type of ventricular assist device implanted.

Harvest Coding: 1 = RVAD - Right Ventricular Assist Device
2 = LVAD - Left Ventricular Assist Device
3 = BiVAD - BiVentricular Assist Device
4 = TAH - Total Artificial Heart

Valid Data: RVAD - Right Ventricular Assist Device; LVAD - Left Ventricular Assist Device; BiVAD - BiVentricular Assist Device; TAH - Total Artificial Heart

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Implant #2
ACCField:	Not mapped	*ParentShortName:*	VImp2
		ParentValue:	= "Yes"

Field Name:	**VAD- #2 VAD Cannulation/Attach Site - LVAD Inflow**		*SeqNo:* 2131
Short Name:	LVADinf2		*Core:* Yes
			Harvest: Yes

Definition: Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Left Atrium
2 = Left Ventricle

Valid Data: Left Atrium; Left Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Implant Type #2
ACCField:	Not mapped	*ParentShortName:*	VImpTy2
		ParentValue:	= "LVAD", "BiVAD", or "TAH"

Field Name:	**VAD- #2 VAD Cannulation/Attach Site - RVAD Inflow**		*SeqNo:* 2132
Short Name:	RVADinf2		*Core:* Yes
			Harvest: Yes

Definition: Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Right Atrium
2 = Right Ventricle

Valid Data: Right Atrium; Right Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant Type #2
ACCField: Not mapped   *ParentShortName:* VImpTy2
                                                 ParentValue: = "RVAD", "BiVAD" or "TAH"

Field Name: **VAD-Product Type #2**   *SeqNo:* 2140
Short Name: VProdTy2   *Core:* Yes
                                                                  Harvest: Yes

Definition: Indicate the specific product #2 implanted. Implant defined as physical placement of the VAD.

Harvest Coding: 1 = HeartQuest VAD
                      2 = Lion Heart
                      3 = Novacor LVAS
                      4 = Heartsaver VAD
                      5 = Jarvik 2000
                      6 = DeBakey VAD
                      7 = TandemHeart pVAD
                      8 = AB-180 iVAD
                      9 = CardioWest TAH
                      10 = Thoratec IVAD
                      11 = HeartMate VE
                      12 = HeartMate IP LVAS
                      13 = HeartMate SNAP-VE
                      14 = HeartMate XVE
                      15 = HeartMate II
                      16 = HeartMate III
                      17 = BVS5000i
                      18 = AbioCor
                      19 = Incor
                      20 = Excor
                      21 = Other

Valid Data: HeartQuest VAD; Lion Heart; Novacor LVAS; Heartsaver VAD; Jarvik 2000; DeBakey
                   VAD; TandemHeart pVAD; AB-180 iVAD; CardioWest TAH; Thoratec IVAD; HeartMate
                   VE; HeartMate IP LVAS; HeartMate SNAP-VE; HeartMate XVE ; HeartMate II; HeartMate
                   III; BVS5000i; AbioCor; Incor; Excor; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant #2
ACCField: Not mapped   *ParentShortName:* VImp2
                                                 ParentValue: = "Yes"

Field Name: **VAD-Implant Date #2**   *SeqNo:* 2150
Short Name: VImpDt2   *Core:* Yes
                                                                   Harvest: Yes

Definition: Indicate the date the VAD #2 was implanted

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*   VAD-Implant #2
ACCField: Not mapped   *ParentShortName:* VImp2
                                                           ParentValue: = "Yes"

Field Name: **VAD-Explant #2**   *SeqNo:* 2160
Short Name: VExp2   *Core:* Yes
                                                                   Harvest: Yes

Definition: Indicate if the VAD #2 was explanted. Explant is defined as physical removal of the VAD.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No
Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant #2
ACCField: Not mapped   *ParentShortName:* VImp2
                                                           ParentValue: = "Yes"

Field Name: **VAD-Explant Date #2**   *SeqNo:* 2170
Short Name: VExpDt2   *Core:* Yes
                                                                   Harvest: Yes

Definition: Indicate the date the VAD #2 was explanted.

Harvest Coding:

Valid Data:
Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:*   VAD-Explant #2
ACCField: Not mapped   *ParentShortName:* VExp2
                                                           ParentValue: = "Yes"

Field Name: **VAD-Explant Reason #2**   *SeqNo:* 2180
Short Name: VExpRsn2   *Core:* Yes
                                                                   Harvest: Yes

Definition: Indicate the reason the VAD #2 was explanted:

   1. Cardiac Transplant- The VAD was explanted for Cardiac Transplant.
   2. Recovery- The VAD was removed after cardiac recovery.
   3. Device Transfer- The VAD was explanted in order to implant another
      assist device.
   4. Device-Related Infection- An infection within the pump pocket,
      driveline, VAD Endocarditis, or other infection requiring explantation
      of the VAD. The body of the VAD has an active infection requiring
      removal to eliminate the infection. "Device-related infections" are
      defined as positive culture in the presence of leukocytosis, and /or fever

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  requiring medical or surgical intervention.
5. Device Malfunction- The VAD pump itself is not functioning properly causing hemodynamic compromise, and/or requiring immediate intervention or VAD replacement.
6. End of Life - Mechanical device pump has reached functional life expectancy and requires replacement.

Harvest Coding: 1 = Cardiac Transplant
      2 = Recovery
      3 = Device Transfer
      4 = Device-Related Infection
      5 = Device Malfunction
      6 = End of Life

Valid Data: Cardiac Transplant; Recovery; Device Transfer; Device-Related Infection; Device Malfunction; End of Life

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Explant #2
ACCField:	Not mapped	*ParentShortName:*	VExp2
		ParentValue:	= "Yes"

Field Name:	**VAD-Cardiac Transplant #2**	*SeqNo:*	2190
Short Name:	VCardTx2	*Core:*	No
		Harvest:	No

Definition: Indicate if the patient received a cardiac transplant during this hospitalization.

Harvest Coding: 1 = Yes
      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Explant Reason #2
ACCField:	Not mapped	*ParentShortName:*	VExpRsn2
		ParentValue:	= "Cardiac Transplant"

Field Name:	**VAD-Cardiac Transplant Date #2**	*SeqNo:*	2200
Short Name:	VTxDt2	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the date the patient received a cardiac transplant.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source:	User	*Parent Field:*	VAD-Explant Reason #2
ACCField:	Not mapped	*ParentShortName:*	VExpRsn2
		ParentValue:	= "Cardiac Transplant"

Field Name: **VAD-Implant #3**   *SeqNo:* 2209

Short Name: VImp3   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate whether a third ventricular assist device was implanted.

Harvest Coding: 1 = Yes
                         2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant #2

ACCField: Not mapped   *ParentShortName:* VImp2

                                                  ParentValue: = "Yes"

Field Name: **VAD-Implant Type #3**   *SeqNo:* 2210

Short Name: VImpTy3   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate the third type of ventricular assist device implanted.

Harvest Coding: 1 = RVAD - Right Ventricular Assist Device
                         2 = LVAD - Left Ventricular Assist Device
                         3 = BiVAD - BiVentricular Assist Device
                         4 = TAH - Total Artificial Heart

Valid Data: RVAD - Right Ventricular Assist Device; LVAD - Left Ventricular Assist Device; BiVAD -
                    BiVentricular Assist Device; TAH - Total Artificial Heart

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant #3

ACCField: Not mapped   *ParentShortName:* VImp3

                                                  ParentValue: = "Yes"

Field Name: **VAD- #3 VAD Cannulation/Attach Site - LVAD Inflow**   *SeqNo:* 2211

Short Name: LVADInf3   *Core:* Yes

                                                          Harvest: Yes

Definition: Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The
                  LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula
                  or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Left Atrium
                         2 = Left Ventricle

Valid Data: Left Atrium; Left Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant Type #3

ACCField: Not mapped   *ParentShortName:* VImpTy3

ParentValue: = "LVAD", "BiVAD", or "TAH"

Field Name: **VAD- #3 VAD Cannulation/Attach Site - RVAD Inflow**   *SeqNo:* 2212

Short Name: RVADInf3   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.

Harvest Coding: 1 = Right Atrium
                     2 = Right Ventricle

Valid Data: Right Atrium; Right Ventricle

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Implant Type #3

ACCField: Not mapped   *ParentShortName:* VImpTy3

                                              ParentValue: = "RVAD", "BiVAD" or "TAH"

Field Name: **VAD-Product Type #3**   *SeqNo:* 2220

Short Name: VProdTy3   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate the specific product #3 implanted. Implant defined as physical placement of the VAD.

Harvest Coding: 1 = HeartQuest VAD
                     2 = Lion Heart
                     3 = Novacor LVAS
                     4 = Heartsaver VAD
                     5 = Jarvik 2000
                     6 = DeBakey VAD
                     7 = TandemHeart pVAD
                     8 = AB-180 iVAD
                     9 = CardioWest TAH
                     10 = Thoratec IVAD
                     11 = HeartMate VE
                     12 = HeartMate IP LVAS
                     13 = HeartMate SNAP-VE
                     14 = HeartMate XVE
                     15 = HeartMate II
                     16 = HeartMate III
                     17 = BVS5000i
                     18 = AbioCor
                     19 = Incor
                     20 = Excor
                     21 = Other

Valid Data: HeartQuest VAD; Lion Heart; Novacor LVAS; Heartsaver VAD; Jarvik 2000; DeBakey VAD; TandemHeart pVAD; AB-180 iVAD; CardioWest TAH; Thoratec IVAD; HeartMate VE; HeartMate IP LVAS; HeartMate SNAP-VE; HeartMate XVE ; HeartMate II; HeartMate III; BVS5000i; AbioCor; Incor; Excor; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Implant #3
ACCField:	Not mapped	*ParentShortName:*	VImp3
		ParentValue:	Is Not Missing

- -

Field Name: **VAD-Implant Date #3**   *SeqNo:* 2230
Short Name: VImpDt3   *Core:* Yes
                                                               Harvest: Yes

Definition: Indicate the date the VAD #3 was implanted.

Harvest Coding:

Valid Data:
Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source:	User	*Parent Field:*	VAD-Implant #3
ACCField:	Not mapped	*ParentShortName:*	VImp3
		ParentValue:	Is Not Missing

- -

Field Name: **VAD-Explant #3**   *SeqNo:* 2240
Short Name: VExp3   *Core:* Yes
                                                               Harvest: Yes

Definition: Indicate if the VAD #3 was explanted. Explant is defined as physical removal of the VAD.

Harvest Coding: 1 = Yes
                         2 = No

Valid Data: Yes; No
Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD-Implant #3
ACCField:	Not mapped	*ParentShortName:*	VImp3
		ParentValue:	Is Not Missing

- -

Field Name: **VAD-Explant Date #3**   *SeqNo:* 2250
Short Name: VExpDt3   *Core:* Yes
                                                               Harvest: Yes

Definition: Indicate the date the VAD #3 was explanted.

Harvest Coding:

Valid Data:
Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source:	User	*Parent Field:*	VAD-Explant #3
ACCField:	Not mapped	*ParentShortName:*	VExp3
		ParentValue:	= "Yes"

- -

Field Name: **VAD-Explant Reason #3**   *SeqNo:* 2260

Short Name: VExpRsn3   *Core:* Yes

                                                                                                    Harvest: Yes

Definition: Indicate the reason the VAD #3 was explanted:

    1. Cardiac Transplant- The VAD was explanted for Cardiac Transplant.
    2. Recovery- The VAD was removed after cardiac recovery.
    3. Device Transfer- The VAD was explanted in order to implant another assist device.
    4. Device-Related Infection- An infection within the pump pocket, driveline, VAD Endocarditis, or other infection requiring explantation of the VAD. The body of the VAD has an active infection requiring removal to eliminate the infection. "Device-related infections" are defined as positive culture in the presence of leukocytosis, and /or fever requiring medical or surgical intervention.
    5. Device Malfunction- The VAD pump itself is not functioning properly causing hemodynamic compromise, and/or requiring immediate intervention or VAD replacement.
    6. End of Life - mechanical device pump has reached functional life expectancy and requires replacement.

Harvest Coding: 1 = Cardiac Transplant
                   2 = Recovery
                   3 = Device Transfer
                   4 = Device-Related Infection
                   5 = Device Malfunction
                   6 = End of Life

Valid Data: Cardiac Transplant; Recovery; Device Transfer; Device-Related Infection; Device Malfunction; End of Life

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Explant #3

ACCField: Not mapped   *ParentShortName:* VExp3

                                                           ParentValue: = "Yes"

Field Name: **VAD-Cardiac Transplant #3**   *SeqNo:* 2270

Short Name: VCardTx3   *Core:* No

                                                                                                    Harvest: No

Definition: Indicate if the patient received a cardiac transplant during this hospitalization.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   VAD-Explant Reason #3

ACCField: Not mapped   *ParentShortName:* VExpRsn3

                                                           ParentValue: = "Cardiac Transplant"

Field Name:	**VAD-Cardiac Transplant Date #3**		*SeqNo:* 2280
Short Name:	VTxDt3		*Core:* Yes
			Harvest: Yes

Definition: Indicate the date the patient received a cardiac transplant.

Harvest Coding:

Valid Data:

Usual Range:

Format: Date in the format mm/dd/yyyy

Data Source:	User	*Parent Field:*	VAD-Explant Reason #3
ACCField:	Not mapped	*ParentShortName:*	VExpRsn3
		ParentValue:	= "Cardiac Transplant"

Field Name:	**VAD-Primary VAD Comp-Intracranial Bleed**		*SeqNo:* 2290
Short Name:	PVCmpBld		*Core:* Yes
			Harvest: Yes

Definition: Indicate if the patient had an intracranial bleed, confirmed by CT scan or other diagnostic studies.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD
ACCField:	Not mapped	*ParentShortName:*	VAD
		ParentValue:	= "Yes"

Field Name:	**VAD-Primary VAD Comp-Embolic Stroke**		*SeqNo:* 2300
Short Name:	PVCmpESt		*Core:* Yes
			Harvest: Yes

Definition: Indicate if the patient had embolic stroke caused by a blood clot, air embolus, or tissue, confirmed by CT scan or other diagnostic studies.

Harvest Coding: 1 = Yes
                2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	VAD
ACCField:	Not mapped	*ParentShortName:*	VAD
		ParentValue:	= "Yes"

Field Name:	**VAD-Primary VAD Comp-Driveline and/or cannula Infection**		*SeqNo:* 2310
Short Name:	PVCmpDCI		*Core:* Yes

Harvest: Yes

Definition: Indicate if the patient had a driveline and/or cannula infection. Driveline and/or cannula infection is defined as the presence of erythema, drainage, or purulence at the VAD connection site whether entering or exiting the body in association with leukocytosis and in the presence of positive culture.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

ParentValue: = "Yes"

Field Name: **VAD-Primary VAD Comp-Pump Pocket Infection**   *SeqNo:* 2320

Short Name: PVCmpPPI   *Core:* Yes

Harvest: Yes

Definition: Indicate if the patient had a pump pocket infection. A pump pocket infection is defined as a persistent drainage in the physical location of the pump, located preperitoneally or intra-abdominally with positive cultures from the pocket site.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

ParentValue: = "Yes"

Field Name: **VAD-Primary VAD Comp-VAD Endocarditis**   *SeqNo:* 2330

Short Name: PVCmpEnd   *Core:* Yes

Harvest: Yes

Definition: Indicate if the patient had VAD endocarditis. VAD endocarditis is defined as an infection of the blood contacting surface of the VAD device itself. This may include:
- internal surfaces;
- graft material;
- inflow/outflow valves of the VAD.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

ParentValue: = "Yes"

Field Name: **VAD-Primary VAD Comp-Device Malfunction**   *SeqNo:* 2340

Short Name: PVCmpMal   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate if the pump itself is not functioning properly causing hemodynamic compromise, and/or requiring immediate intervention or VAD replacement.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                      ParentValue: = "Yes"

Field Name: **VAD-Primary VAD Comp-Bowel Obstruction**   *SeqNo:* 2341

Short Name: PVCmpBO   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate if the patient was diagnosed with a bowel obstruction post VAD insertion by documentation in the medical record.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

                                                      ParentValue: = "Yes"

Field Name: **VAD-Discharge Status**   *SeqNo:* 2350

Short Name: VADDiscS   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate the VAD status at discharge from the hospital.

Harvest Coding: 1 = With VAD
                    2 = Without VAD
                    3 = Expired in Hospital Where Initial VAD Was Implanted

Valid Data: With VAD; Without VAD; Expired in Hospital Where Initial VAD Was Implanted

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* VAD

ACCField: Not mapped   *ParentShortName:* VAD

ParentValue: = "Yes"
....

M. Other Cardiac Procedures

Field Name: **Other Card-LVA**   *SeqNo:* 2360

Short Name: OCarLVA   *Core:* Yes

                                                                                                  Harvest: Yes

Definition: Indicate whether the patient had a Left Ventricular Aneurysm Repair either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes
                  2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                     ParentValue: = "Yes"
....

Field Name: **Other Card-VSD**   *SeqNo:* 2370

Short Name: OCarVSD   *Core:* Yes

                                                                                                  Harvest: Yes

Definition: Indicate whether the patient had a Ventricular Septal Defect Repair either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes
                  2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                     ParentValue: = "Yes"
....

Field Name: **Other Card-ASD**   *SeqNo:* 2380

Short Name: OCarASD   *Core:* Yes

                                                                                                  Harvest: Yes

Definition: Indicate whether the patient had an Atrial Septal Defect Repair either in conjunction with, or as the primary surgical procedure including but not limited to ASD, Secundum; ASD, Sinus venosus; and PFO.

Harvest Coding: 1 = Yes
                  2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Other Card
ACCField:	Not mapped	*ParentShortName:*	OpOCard
		ParentValue:	= "Yes"

Field Name: **Other Card-Batista**   *SeqNo:* 2390

Short Name: OCarBati   *Core:* Yes

                                                                         Harvest: Yes

Definition: Indicate whether the patient had a Left Ventricular Reduction Myoplasty either in conjunction with, or as the primary surgical procedure. Left Ventricular Reduction Myoplasty is a procedure whereby left ventricular myocardium is excised to reduce left ventricular volume in patients with a dilated cardiomyopathy, with or without mitral valve replacement or repair. If a concomitant valve procedure is performed, please check that category also.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Other Card
ACCField:	Not mapped	*ParentShortName:*	OpOCard
		ParentValue:	= "Yes"

Field Name: **Other Card-Surgical Ventricular Restoration**   *SeqNo:* 2400

Short Name: OCarSVR   *Core:* Yes

                                                                         Harvest: Yes

Definition: Indicate whether the patient had a Surgical Ventricular Restoration either in conjunction with, or as the primary surgical procedure. Surgical Ventricular Restoration are procedures that restore the geometry of the heart after an anterior MI. They include the Dor procedure or the SAVER procedure. This SVR procedure is distinct from an anterior left ventricular aneurysmectomy (LVA) and from a Batista procedure (left ventricular volume reduction procedure).

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Other Card
ACCField:	Not mapped	*ParentShortName:*	OpOCard
		ParentValue:	= "Yes"

Field Name: **Other Card-Congenital**   *SeqNo:* 2410

Short Name: OCarCong   *Core:* Yes

                                                                         Harvest: Yes

Definition: Indicate whether the patient had a congenital defect repair either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes

2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                         ParentValue: = "Yes"

Field Name: **Other Card-Transmyocardial Laser Revascularization**   *SeqNo:* 2420

Short Name: OCarLasr   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient underwent the creation of multiple channels in left ventricular myocardium with a laser fiber either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                         ParentValue: = "Yes"

Field Name: **Other Card-Cardiac Trauma**   *SeqNo:* 2430

Short Name: OCarTrma   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had a surgical procedure for an injury due to Cardiac Trauma either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                         ParentValue: = "Yes"

Field Name: **Other Card-Card Tx**   *SeqNo:* 2440

Short Name: OCarCrTx   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had a Heterotopic or Orthotopic heart transplantation either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes

2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Other Card
ACCField:	Not mapped	*ParentShortName:*	OpOCard
		ParentValue:	= "Yes"

Field Name:	**Other Card-Arrhythmia Correction Surgery**	*SeqNo:* 2450
Short Name:	OCarACD	*Core:* Yes
		Harvest: Yes

Definition: Indicate if one of the following arrhythmia correction devices was surgically placed either in conjunction with, or as the primary surgical procedure:

None
Permanent Pacemaker: an internal electronic generator that controls the heart rate.
Permanent Pacemaker with Cardiac Resynchronization Therapy (CRT): an internal permanent pacemaker that uses biventricular electrical stimulation to synchronize ventricular contraction.
Automatic Implanted Cardioverter Defibrillator (AICD): an internal device that defibrillates the heart.
AICD with CRT: an internal AICD that uses biventricular electrical stimulation to synchronize ventricular contraction.

Harvest Coding: 1 = None
2 = Permanent Pacemaker
3 = Permanent Pacemaker with Cardiac Resynchronization Technique (CRT)
4 = Automatic Implanted Cardioverter Defibrillator (AICD)
5 = AICD with CRT

Valid Data: None; Permanent Pacemaker; Permanent Pacemaker with Cardiac Resynchronization Technique (CRT); Automatic Implanted Cardioverter Defibrillator (AICD); AICD with CRT

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Other Card
ACCField:	Not mapped	*ParentShortName:*	OpOCard
		ParentValue:	= "Yes"

Field Name:	**Other Card-Arrhythmia Correction Surgery-Lead Placement**	*SeqNo:* 2460
Short Name:	OCarACDL	*Core:* Yes
		Harvest: Yes

Definition: Indicate which lead placement was used for the permanent pacemaker with CRT or AICD with CRT:

Epicardial: the outer most layer of the heart.
Endocardial: the inner most layer of the heart.

Harvest Coding: 1 = Epicardial
2 = Endocardial

Valid Data: Epicardial; Endocardial

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card-Arrhythmia Correction
                                                                            Surgery

ACCField: Not mapped   *ParentShortName:* OCarACD

                                                          ParentValue: = "Permanent Pacemaker with
                                                                            Cardiac Resynchronization
                                                                            Technique (CRT)" or "AICD with
                                                                            CRT"

Field Name: **Other Card-Atrial Fibrillation Correction Surgery**   *SeqNo:* 2470

Short Name: OCarAFib   *Core:* Yes

                                                                                Harvest: Yes

Definition: Indicate if one of the following atrial fibrillation correction surgeries was performed either in
conjunction with, or as the primary surgical procedure. The intent of both surgeries is to preclude
the atria from fibrillating by disrupting the abnormal reentry pathways of electronic signals that lead
to atrial fibrillation.

Standard Surgical Maze Procedure: Surgical procedure in which full thickness incisions are
made in the atria of the heart. Sutures are then used to reapproximate the incised
tissue.   The resulting lesion disrupts the abnormal reentry pathways of electronic
signals that lead to atrial fibrillation.

Other Surgical Ablative Procedure: Surgical procedure in which lesions are created in the
atria of the heart by an energy source. The lesion disrupts the abnormal reentry
pathways of electronic signals that lead to atrial fibrillation.

Combination of Standard Surgical Maze Procedure and Other Surgical Ablative Procedure.

Harvest Coding: 1 = None
                    2 = Standard Surgical Maze Procedure
                    3 = Other Surgical Ablative Procedure
                    4 = Combination of Standard and Other Procedures

Valid Data: None; Standard Surgical Maze Procedure; Other Surgical Ablative Procedure; Combination
                    of Standard and Other Procedures

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card

ACCField: Not mapped   *ParentShortName:* OpOCard

                                                          ParentValue: = "Yes"

Field Name: **Other Card-Atrial Fibrillation Correction Surgery-Energy Source**   *SeqNo:* 2480

Short Name: OCarAFES   *Core:* No

                                                                                            Harvest: No

Definition: Indicate which energy source was used to create the lesions in the atria of the heart.

Harvest Coding: 10 = Unipolar Radiofrequency
                    20 = Bipolar Radiofrequency
                    30 = Microwave
                    40 = Cryothermia

98 = Other
99 = Combination of above

Valid Data: Unipolar Radiofrequency; Bipolar Radiofrequency; Microwave Radiofrequency; Cryothermia Radiofrequency; Other; Combination of above

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card-Atrial Fibrillation Correction Surgery

ACCField: Not mapped   *ParentShortName:*   OCarAFib

                                                  ParentValue: = "Other Surgical Ablative Procedure" or "Combination of Standard and Other Procedures"

Field Name: **Other Card-Ao Aneur**   *SeqNo:*   2510

Short Name: ONCAoAn   *Core:*   Yes

                                                  Harvest: Yes

Definition: Indicate whether the patient underwent an aortic aneurysm repair either in conjunction with, or as the primary surgical procedure. This includes dissections, non-dissections and ruptures of the aorta.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card

ACCField: Not mapped   *ParentShortName:*   OpOCard

                                                  ParentValue: = "Yes"

Field Name: **Other Card-Asc**   *SeqNo:*   2520

Short Name: ONCAsc   *Core:*   Yes

                                                  Harvest: Yes

Definition: Indicate if the patient underwent repair of ascending aortic aneurysm either in conjunction with, or as the primary surgical procedure. Aneurysm refers to pathologic dilatation of the aorta. The ascending aorta begins at the aortic annulus and ends at the origin of the innominate artery where the aorta continues as the transverse arch.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Other Card-Ao Aneur

ACCField: Not mapped   *ParentShortName:*   ONCAoAn

                                                  ParentValue: = "Yes"

Field Name: **Other Card-Arch**   *SeqNo:*   2530

Short Name: ONCArch *Core:* Yes

Harvest: Yes

Definition: Indicate if the patient underwent repair of aneurysm in the arch of the aorta either in conjunction with, or as the primary surgical procedure. The arch begins at the origin of the innominate artery and ends beneath the left subclavian artery. It is the portion of the aorta at the top of the heart that gives off three important blood vessels; the innominate artery, the left carotid artery and the left subclavian artery.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User *Parent Field:* Other Card-Ao Aneur

ACCField: Not mapped *ParentShortName:* ONCAoAn

ParentValue: = "Yes"

Field Name: **Other Card-Desc** *SeqNo:* 2540

Short Name: ONCDesc *Core:* Yes

Harvest: Yes

Definition: Indicate if the patient underwent repair of a descending aortic aneurysm either in conjunction with, or as the primary surgical procedure. The descending aorta is the portion of the aorta between the arch and the abdomen.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User *Parent Field:* Other Card-Ao Aneur

ACCField: Not mapped *ParentShortName:* ONCAoAn

ParentValue: = "Yes"

Field Name: **Other Card-Thoracoabdominal Aneurysm** *SeqNo:* 2550

Short Name: ONCThAbd *Core:* Yes

Harvest: Yes

Definition: Indicate if the patient underwent repair of a thoracoabdominal aneurysm either in conjunction with, or as the primary surgical procedure. Thoracoabdominal aneurysms can involve the entire thoracoabdominal aorta from the origin of the left subclavian artery to the aortic bifurcation or can involve only one or more segments of the abdominal aorta.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User *Parent Field:* Other Card-Ao Aneur

ACCField:	Not mapped	*ParentShortName:* ONCAoAn
		ParentValue: = "Yes"

Field Name:	**Other Card-Other**	*SeqNo:* 2560
Short Name:	OCarOthr	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient had an other cardiac procedure performed either in conjunction with, or as the primary surgical procedure that is not included within this section. Includes, but is not limited to those procedures listed on the STS Data Manager's section of the STS Web Site.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Other Card
ACCField:	Not mapped	*ParentShortName:* OpOCard
		ParentValue: = "Yes"

N. Other Non Cardiac Procedures

Field Name:	**Other Non Card-Caro Endart**	*SeqNo:* 2570
Short Name:	ONCCarEn	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether the patient underwent surgical removal of stenotic atheromatous plaque or percutaneous/surgical placement of carotid stent in conjunction with the primary surgical procedure.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Other Non Card
ACCField:	Not mapped	*ParentShortName:* OpONCard
		ParentValue: = "Yes"

Field Name:	**Other Non Card-Other Vasc**	*SeqNo:* 2580
Short Name:	ONCOVasc	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether patient had procedures treating peripheral vascular disease in conjunction with the primary surgical procedure.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format:	Text (categorical values specified by STS)	
Data Source:	User	*Parent Field:* Other Non Card
ACCField:	Not mapped	*ParentShortName:* OpONCard
		ParentValue: = "Yes"

Field Name: **Other Non Card-Other Thor** *SeqNo:* 2590

Short Name: ONCOThor *Core:* Yes

Harvest: Yes

Definition: Indicate whether patient underwent procedures involving Thorax/Pleura in conjunction with the primary surgical procedure. This includes but is not limited to open lung biopsy, lung resection, pulmonary artery embolectomy, pulmonary arter endarterectomy, mediastinal mass and/or lung dissection.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Other Non Card
ACCField:	Not mapped	*ParentShortName:* OpONCard
		ParentValue: = "Yes"

Field Name: **Other Non Card-Other** *SeqNo:* 2600

Short Name: ONCOther *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had any other non-cardiac procedure performed in conjunction with the primary surgical procedure that is not included within this section.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Other Non Card
ACCField:	Not mapped	*ParentShortName:* OpONCard
		ParentValue: = "Yes"

O. Postoperative

Field Name: **Postoperative Creatinine Level**   *SeqNo:* 2605

Short Name: PostCreat   *Core:* Yes

                                                                       Harvest: Yes

Definition: Indicate the postoperative Creatinine level. If more than one level is obtained, code the highest level.

Harvest Coding:

Valid Data: 0.1 - 30.0

Usual Range: 0.1 - 9.0

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                             ParentValue:

Field Name: **Blood Prod**   *SeqNo:* 2610

Short Name: BldProd   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate whether blood products were transfused any time postoperatively. Postoperatively is defined as any blood started after the initial surgery. Include blood transfused after the initial surgery, including any blood transfused during a reoperative surgery.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                             ParentValue:

Field Name: **Blood Prod - RBC Units**   *SeqNo:* 2620

Short Name: BdRBCU   *Core:* Yes

                                                                      Harvest: Yes

Definition: Indicate the number of units of packed red blood cells that were transfused any time postoperatively.

                Do not include autologous, cell-saver or chest tube recirculated blood.

Harvest Coding:

Valid Data: 0 - 50

Usual Range: 0 - 10

Format: Integer

Data Source: User   *Parent Field:*   Blood Prod

ACCField: Not mapped   *ParentShortName:* BldProd

                                             ParentValue: = "Yes"

Field Name: **Blood Prod - FFP Units**   *SeqNo:* 2630

Short Name: BdFFPU   *Core:* Yes

         Harvest: Yes

Definition: Indicate the number of units of fresh frozen plasma that were transfused any time postoperatively.

Harvest Coding:

Valid Data: 0 - 50

Usual Range: 0 - 10

Format: Integer

Data Source: User   *Parent Field:*   Blood Prod

ACCField: Not mapped   *ParentShortName:*   BldProd

         ParentValue: = "Yes"

Field Name: **Blood Prod - Cryo Units**   *SeqNo:* 2640

Short Name: BdCryoU   *Core:* Yes

         Harvest: Yes

Definition: Indicate the number of units of cryoprecipitate that were transfused intraoperatively.

One bag of cryo = one unit.
The number of units is not volume dependent.

Harvest Coding:

Valid Data: 0 - 50

Usual Range: 0 - 10

Format: Integer

Data Source: User   *Parent Field:*   Blood Prod

ACCField: Not mapped   *ParentShortName:*   BldProd

         ParentValue: = "Yes"

Field Name: **Blood Prod - Platelet Units**   *SeqNo:* 2650

Short Name: BdPlatU   *Core:* Yes

         Harvest: Yes

Definition: Indicate the number of units of platelets that were transfused intraoperatively.

Count the dose pack as one unit. A dose pack may consist of 4, 6, 8, 10, or any number of donor platelets obtained. The number of units coded is not volume dependent.

Harvest Coding:

Valid Data: 0 - 50

Usual Range:

Format: Integer

Data Source: User   *Parent Field:*   Blood Prod

ACCField: Not mapped   *ParentShortName:*   BldProd

         ParentValue: = "Yes"

Field Name: **Extubated In OR**   *SeqNo:* 2660

Short Name: ExtubOR   *Core:* Yes

                                                                            Harvest: Yes

Definition: Indicate whether the patient was extubated prior to leaving the operating room during the initial surgery.

                If patient expires in the operating room during the initial surgery, answer "Yes".

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                     ParentValue:

Field Name: **Initial Hours Ventilated**   *SeqNo:* 2670

Short Name: VentHrsI   *Core:* No

                                                                            Harvest: No

Definition: Indicate the number of initial hours post operation for which the patient was ventilated before any reintubation. Number of initial hours includes hours ventilated post-operatively until removal of the endotracheal tube or if patient has tracheostomy tube, until no longer ventilator dependent. Leave blank if the patient was extubated on the operating table. Any patient ventilated > 24 hours is coded as a Pulmonary Complication of "Prolonged Ventilation"

Harvest Coding:

Valid Data: 0.1 - 5000.0

Usual Range: 1.0 - 168.0

Format: Real number 4.1 digits e.g. 9999.9

Data Source: User   *Parent Field:* Extubated in OR

ACCField: Not mapped   *ParentShortName:* ExtubOR

                                                     ParentValue: = "No"

Field Name: **Re-intubated During Hospital Stay**   *SeqNo:* 2680

Short Name: ReIntub   *Core:* Yes

                                                                            Harvest: Yes

Definition: Indicate whether the patient was reintubated during the hospital stay after the initial extubation.

                This may include patients who have been extubated in the OR and require intubation in the postoperative period.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Additional Hours Ventilated**	*SeqNo:*	2690
Short Name:	VentHrsA	*Core:*	Yes
		Harvest:	Yes

Definition:　Indicate how many additional hours the patient was on ventilator after initial extubation.

Harvest Coding:

Valid Data:	0.1 - 5000.0
Usual Range:	1.0 - 168.0
Format:	Real

Data Source:	User	*Parent Field:*	Re-intubated During Hospital Stay
ACCField:	Not mapped	*ParentShortName:*	ReIntub
		ParentValue:	= "Yes"

Field Name:	**Postop Vent Hours - Total**	*SeqNo:*	2700
Short Name:	VentHrs	*Core:*	No
		Harvest:	No

Definition:　Indicate the total number of hours including any reintubation hours. Any patient ventilated > 24 hours should be coded as a Pulmonary Complication of "Prolonged Ventilation". If extubated in the OR and no additional ventilation hours, enter zero in this field.

Harvest Coding:

Valid Data:	0.0 - 10000.0
Usual Range:	0.0 - 168.0
Format:	Real number 4.1 digits e.g. 9999.9

Data Source:	User or Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

P. Complications

Field Name: **Comps-Complications**   *SeqNo:* 2710

Short Name: Complics   *Core:* Yes

                                                                                             Harvest: Yes

Definition: Indicate whether a postoperative event occurred during the hospitalization for surgery. This includes the entire postoperative period up to discharge, even if over 30 days.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                 ParentValue:

- -

Field Name: **Comps-Op-ReOp Bleed/Tamponade**   *SeqNo:* 2720

Short Name: COpReBld   *Core:* Yes

                                                                                             Harvest: Yes

Definition: Indicate whether the patient returned to the operating room for mediastinal bleeding/tamponade.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

- -

Field Name: **Comps-Op-ReOp Vlv Dys**   *SeqNo:* 2730

Short Name: COpReVlv   *Core:* Yes

                                                                                             Harvest: Yes

Definition: Indicate whether the patient returned to the operating room for prosthetic or native valve dysfunction.

                  Dysfunction may be structural and/or non-structural failure. Dysfunction may be of a prosthesis, a progressive native disease process, or an acute event process that disrupts valve function and creates either clinical compromising insufficiency/regurgitation or valve orifice narrowing.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Complications
ACCField:	Not mapped	*ParentShortName:*	Complics
		ParentValue:	= "Yes"

Field Name: **Comps-Op-ReOp Gft Occl**   *SeqNo:* 2740

Short Name: COpReGft   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient returned to the operating room for coronary graft occlusion due to acute closure, thrombosis, technical or embolic origin.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Complications
ACCField:	Not mapped	*ParentShortName:*	Complics
		ParentValue:	= "Yes"

Field Name: **Comps-Op-ReOp Other Card**   *SeqNo:* 2750

Short Name: COpReOth   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient returned to the operating room for other cardiac reasons.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Complications
ACCField:	Not mapped	*ParentShortName:*	Complics
		ParentValue:	= "Yes"

Field Name: **Comps-Op-ReOp Other Non Card**   *SeqNo:* 2760

Short Name: COpReNon   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient returned to the operating room for other non-cardiac reasons.

This includes procedures requiring a return to the operating room such as tracheostomy, hematoma evacuation, delayed sternal closure ?????

This does not include procedures performed outside the operating room such as GI Lab for peg tube, shunts for dialysis, etc.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                               ParentValue: = "Yes"

Field Name: **Comps-Op-Perioperative MI**   *SeqNo:* 2770

Short Name: COpPerMI   *Core:* Yes

                                                                        Harvest: Yes

Definition: (0-24 hours post-op)
              Indicate the presence of a peri-operative MI (0-24 hours post-op) as documented
              by the following criteria:

              The CK-MB (or CK if MB not available) must be greater than or equal to 5 times the
              upper limit of normal, with or without new Q waves present in two or more contiguous
              ECG leads. No symptoms required.

              (> 24 hours post-op)
              Indicate the presence of a peri-operative MI (> 24 hours post-op) as documented by at
              least one of the following criteria:

              1. Evolutionary ST- segment elevations
              2. Development of new Q- waves in two or more contiguous ECG leads
              3. New or presumably new LBBB pattern on the ECG
              4. The CK-MB (or CK if MB not available) must be greater than or equal to 3 times the
                 upper limit of normal

              Because normal limits of certain blood tests may vary, please check with
              your lab for normal limits for CK-MB and total CK.

              Defining Reference Control Values (Upper Limit of Normal):
              Reference values must be determined in each laboratory by studies
              using specific assays with appropriate quality control, as reported in peer-
              reviewed journals. Acceptable imprecision (coefficient of variation) at the
              99th percentile for each assay should be defined as < or = to 10%. Each
              individual laboratory should confirm the range of reference values in their
              specific setting.
              _____

              This element should not be coded as an adverse event for evolving
              MI's unless their enzymes peak, fall, then have a second peak.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                            ParentValue: = "Yes"

Field Name: **Comps-Infect-Stern Deep**   *SeqNo:* 2780

Short Name: CIStDeep   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient, within 30 days postoperatively, had a deep sternal infection involving muscle, bone, and/or mediastinum REQUIRING OPERATIVE INTERVENTION.

Must have ALL of the following conditions:
1. Wound opened with excision of tissue (I&D) or re-exploration of mediastinum
2. Positive culture
3. Treatment with antibiotics.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                    ParentValue: = "Yes"

Field Name: **Comps-Infect-Thoracotomy**   *SeqNo:* 2790

Short Name: CIThor   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient had an infection involving a thoracotomy or parasternal site.
Must have one of the following conditions:
1. Wound opened with excision of tissue (I&D)
2. Positive culture
3. Treatment with antibiotics

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                    ParentValue: = "Yes"

Field Name: **Comps-Infect-Leg**   *SeqNo:* 2800

Short Name: CILeg   *Core:* Yes

                                                                               Harvest: Yes

Definition: Indicate whether the patient had an infection involving a leg vein harvest site.
Must have one of the following conditions:
1. Wound opened with excision of tissue (I&D)
2. Positive culture
3. Treatment with antibiotics

Harvest Coding: 1 = Yes

2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                                          ParentValue: = "Yes"

Field Name: **Comps-Infect-Arm**   *SeqNo:* 2801

Short Name: CIArm   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate whether the patient had an infection involving an arm harvest site.

              Must have one of the following conditions:
              1. Wound opened with excision of tissue (I&D)
              2. Positive culture
              3. Treatment with antibiotics

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                                          ParentValue: = "Yes"

Field Name: **Comps-Infect-Septicemia**   *SeqNo:* 2810

Short Name: CISeptic   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate whether the patient had septicemia (requires positive blood cultures) postoperatively.

Harvest Coding: 1 = Yes
                      2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                                          ParentValue: = "Yes"

Field Name: **Comps-Neuro-Stroke Perm**   *SeqNo:* 2830

Short Name: CNStrokP   *Core:* Yes

                                                                          Harvest: Yes

Definition: Indicate whether the patient has a postoperative stroke (i.e., any confirmed neurological deficit of

abrupt onset caused by a disturbance in cerebral blood supply) that did not resolve within 24 hours.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                  ParentValue: = "Yes"

Field Name: **Comps-Neuro-Stroke Trans**   *SeqNo:* 2840

Short Name: CNStrokT   *Core:* No

                                                                    Harvest: No

Definition: Indicate whether the patient had a postoperatively transient neurologic deficit (Transient Ischemic Attack (TIA) recovery within 24 hours; Reversible Ischemic Neurologic Deficit (RIND) recovery within 72 hours).

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                  ParentValue: = "Yes"

Field Name: **Comps-Neuro-Stroke Trans - TIA**   *SeqNo:* 2841

Short Name: CNStrokTTIA   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate whether the patient had a postoperative Transient Ischemic Attack (TIA): Loss of neurological function that was abrupt in onset but with complete return of function within 24 hours.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                  ParentValue: = "Yes"

Field Name: **Comps-Neuro-Stroke Trans - RIND**   *SeqNo:* 2842

Short Name: CNStrokTRIND   *Core:* Yes

                                                                    Harvest: Yes

Definition: Indicate whether the patient had a postoperative Reversible Ischemic Neurologic Deficit (RIND): Loss of neurological function with symptoms at least 24 hours after onset but with complete return of function within 72 hours.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

ParentValue: = "Yes"

Field Name: **Comps-Neuro-Cont Coma >=24Hrs**   *SeqNo:* 2850

Short Name: CNComa   *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had a new postoperative coma that persists for at least 24 hours secondary to anoxic/ischemic and/or metabolic encephalopathy, thromboembolic event or cerebral bleed.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

ParentValue: = "Yes"

Field Name: **Comps-Neuro-Paralysis**   *SeqNo:* 2851

Short Name: CNParal   *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had a new postoperative paralysis or paraplegia.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

ParentValue: = "Yes"

Field Name: **Comps-Neuro-Paralysis Type**   *SeqNo:* 2852

Short Name: CNParalTy   *Core:* Yes

Harvest: Yes

Definition: Indicate whether the new postoperative paralysis or paraplegia was transient or permanent.

Harvest Coding:	1 = Transient
	2 = Permanent

Valid Data: Transient; Permanent

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Neuro-Paralysis
ACCField:	Not mapped	*ParentShortName:*	CNParal
		ParentValue:	= "Yes"

Field Name: **Comps-Pulm-Vent Prolonged**   *SeqNo:* 2860

Short Name: CPVntLng   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether the patient had prolonged pulmonary ventilator > 24 hours.

Include (but not limited to) causes such as ARDS, pulmonary edema, and/or any patient requiring mechanical ventilation > 24 hours postoperatively.

Harvest Coding:	1 = Yes
	2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Complications
ACCField:	Not mapped	*ParentShortName:*	Complics
		ParentValue:	= "Yes"

Field Name: **Comps-Pulm-Pulm Embolism**   *SeqNo:* 2870

Short Name: CPPulEmb   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether the patient had a pulmonary embolism diagnosed by study such as V/Q scan, angiogram, or spiral CT.

Harvest Coding:	1 = Yes
	2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Comps-Complications
ACCField:	Not mapped	*ParentShortName:*	Complics
		ParentValue:	= "Yes"

Field Name: **Comps-Pulm-Pneumonia**   *SeqNo:* 2880

Short Name: CPPneum | *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had Pneumonia diagnosed by any of the following: positive cultures of sputum, transtracheal fluid, bronchial washings, and/or clinical findings consistent with the diagnosis of pneumonia (which may include chest x-ray diagnostic of pulmonary infiltrates).

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User | *Parent Field:* Comps-Complications

ACCField: Not mapped | *ParentShortName:* Complics

ParentValue: = "Yes"

Field Name: **Comps-Renal-Renal Failure** | *SeqNo:* 2890

Short Name: CRenFail | *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had acute or worsening renal failure resulting in one or more of the following:
1. Increase of serum creatinine to > 2.0, and 2x most recent preoperative creatinine level.
2. A new requirement for dialysis postoperatively.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User | *Parent Field:* Comps-Complications

ACCField: Not mapped | *ParentShortName:* Complics

ParentValue: = "Yes"

Field Name: **Comps-Renal-Dialysis Req** | *SeqNo:* 2900

Short Name: CRenDial | *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient had a new requirement for dialysis postoperatively, which may include hemodialysis, peritoneal dialysis, and any form of ultrafiltration.

Harvest Coding: 1 = Yes
2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User | *Parent Field:* Comps-Renal-Renal Failure

ACCField: Not mapped | *ParentShortName:* CRenFail

ParentValue: = "Yes"

Field Name: **Comps-Vasc-Iliac/Fem Dissect**   *SeqNo:* 2910

Short Name: CVaIlFem   *Core:* Yes

                                                                                          Harvest: Yes

Definition: Indicate whether the patient had a dissection occurring in the iliac or femoral arteries.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:*   Complics

                                                    ParentValue: = "Yes"

Field Name: **Comps-Vasc-Acute Limb Isch**   *SeqNo:* 2920

Short Name: CVaLbIsc   *Core:* Yes

                                                                                          Harvest: Yes

Definition: Indicate whether the patient had any complication producing limb ischemia. This may include upper
                or lower limb ischemia.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:*   Complics

                                                    ParentValue: = "Yes"

Field Name: **Comps-Other-Heart Block**   *SeqNo:* 2930

Short Name: COtHtBlk   *Core:* Yes

                                                                                          Harvest: Yes

Definition: Indicate whether the patient had a new heart block requiring the implantation of a permanent
                pacemaker of any type prior to discharge.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Comps-Complications

ACCField: Not mapped   *ParentShortName:*   Complics

                                                    ParentValue: = "Yes"

Field Name: **Comps-Other-Card Arrest**   *SeqNo:* 2940

Short Name: COtArrst   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had an acute cardiac arrest documented by one of the following:
                  a. Ventricular fibrillation
                  b. Rapid ventricular tachycardia with hemodynamic instability
                  c. Asystole

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

- -

Field Name: **Comps-Other-Anticoag Event**   *SeqNo:* 2950

Short Name: COtCoag   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had bleeding, hemorrhage, and/or embolic events related to
                  anticoagulant therapy postoperatively.

                  This may include patients who experience Disseminated Intravascular Coagulopathy (DIC) or
                  Heparin Induced Thrombocytopenia (HIT).

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

- -

Field Name: **Comps-Other-Tamponade**   *SeqNo:* 2960

Short Name: COtTamp   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had fluid in the pericardial space compromising cardiac filling, and
                  requiring intervention other than returning to the operating room, such as pericardialcentesis.

                  This should be documented by either:
                  1. Echo showing pericardial fluid and signs of tamponade such as right heart compromise, or
                  2. Systemic hypotension due to pericardial fluid compromising cardiac function

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                       ParentValue: = "Yes"

Field Name: **Comps-Other-GI Event**   *SeqNo:* 2970

Short Name: COtGI   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had a postoperative occurrence of any GI event, including but not
               limited to:
               a. GI bleeding requiring transfusion
               b. Pancreatitis with abnormal amylase/lipase requiring nasogastric (NG) suction therapy
               c. Cholecystitis requiring cholecystectomy or drainage
               d. Mesenteric ischemia requiring exploration
               e. Other GI event (e.g., Clostridium difficile).

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                       ParentValue: = "Yes"

Field Name: **Comps-Other-Multi Sys Fail**   *SeqNo:* 2980

Short Name: COtMSF   *Core:* Yes

                                                                                  Harvest: Yes

Definition: Indicate whether the patient had two or more major organ systems suffer compromised functions.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                       ParentValue: = "Yes"

Field Name: **Comps-Other-A Fib**   *SeqNo:* 2990

Short Name: COtAFib   *Core:* Yes

                                                                                  Harvest: Yes

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.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

Field Name: **Comps-Ao Dissect**   *SeqNo:* 3000

Short Name: CVaAoDis   *Core:* Yes

                                                                   Harvest: Yes

Definition: Indicate whether the patient had a dissection occurring in any part of the aorta.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

Field Name: **Comps-Other-Other**   *SeqNo:* 3010

Short Name: COtOther   *Core:* Yes

                                                                   Harvest: Yes

Definition: Indicate whether a postoperative event occurred that is not identified in the categories above yet
                impacts hospital length of stay and/or outcome.

Harvest Coding: 1 = Yes
                     2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Comps-Complications

ACCField: Not mapped   *ParentShortName:* Complics

                                                 ParentValue: = "Yes"

Q. Mortality

Field Name: **Mort-Mortality**   *SeqNo:* 3020

Short Name: Mortalty   *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient has been declared dead within this hospital or any time after discharge from this hospitalization. This includes all causes of death, including those causes clearly unrelated to the operation.

Harvest Coding: 1 = Yes
    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User	*Parent Field:*	
ACCField: Not mapped	*ParentShortName:*	
	ParentValue:	

- -

Field Name: **Mort-DC Status**   *SeqNo:* 3030

Short Name: MtDCStat   *Core:* Yes

Harvest: Yes

Definition: Indicate whether the patient was alive or dead AT discharge from the hospitalization in which surgery occurred.

Harvest Coding: 1 = Alive
    2 = Dead

Valid Data: Alive; Dead

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User	*Parent Field:*	
ACCField: Mapped - Definition and coding	*ParentShortName:*	
	ParentValue:	

- -

Field Name: **Mort-30d Status**   *SeqNo:* 3040

Short Name: Mt30Stat   *Core:* Yes

Harvest: Yes

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

Harvest Coding: 1 = Alive
    2 = Dead
    3 = Unknown

Valid Data: Alive; Dead; Unknown

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*

ACCField:	Not mapped	*ParentShortName:*
		ParentValue:

Field Name: **Mort-Op Death**   *SeqNo:* 3050

Short Name: MtOpD   *Core:* Yes

                                                                   Harvest: Yes

Definition: Indicate whether the patient had an operative mortality: Includes both (1) all deaths occurring during the hospitalization in which the operation was performed, even if after 30 days; and (2) those deaths occurring after discharge from the hospital, but within 30 days of the procedure unless the cause of death is clearly unrelated to the operation.

Harvest Coding: 1 = Yes
                    2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:* Mort-Mortality

ACCField: Not mapped   *ParentShortName:* Mortalty

                                            ParentValue: = "Yes"

Field Name: **Mort-Date**   *SeqNo:* 3060

Short Name: MtDate   *Core:* Yes

                                                                   Harvest: Yes

Definition: Indicate the date the patient was declared dead.

Harvest Coding:

Valid Data: (Between Discharge and system date)

Usual Range: (Within 1 year before system date)

Format: Date in the format mm/dd/yyyy

Data Source: User   *Parent Field:* Mort-Mortality

ACCField: Not mapped   *ParentShortName:* Mortalty

                                            ParentValue: = "Yes"

Field Name: **Mort-Location**   *SeqNo:* 3070

Short Name: MtLocatn   *Core:* Yes

                                                                   Harvest: Yes

Definition: Indicate the patient's location at time of death:
               Operating Room (OR) during initial surgery
               Hospital (Other than Operating Room)
               Home
               Other Care Facility
               Operating Room (OR) during reoperation
               Unknown

Harvest Coding: 1 = OR during initial surgery
                    2 = Hospital
                    3 = Home
                    4 = Other Care Facility

----

5 = OR during reoperation
6 = Unknown

Valid Data: OR during initial surgery; Hospital; Home; Other Care Facility; OR during reoperation; Unknown

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Mort-Mortality
ACCField:	Not mapped	*ParentShortName:*	Mortalty
		ParentValue:	= "Yes"

Field Name:	**Mort-Prim Cause**	*SeqNo:* 3080
Short Name:	MtCause	*Core:* Yes
		Harvest: Yes

Definition: Indicate the PRIMARY cause of death, i.e. the first significant abnormal event which ultimately led to death; choose one of the following:
Cardiac
Neurologic
Renal
Vascular
Infection
Pulmonary
Valvular
Unknown
Other

Harvest Coding: 1 = Cardiac
2 = Neurologic
3 = Renal
4 = Vascular
5 = Infection
6 = Pulmonary
7 = Valvular
700 = Unknown
777 = Other

Valid Data: Cardiac; Neurologic; Renal; Vascular; Infection; Pulmonary; Valvular; Unknown; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Mort-Mortality
ACCField:	Mapped - Definition and coding	*ParentShortName:*	Mortalty
		ParentValue:	= "Yes"

R. Discharge

Field Name: **ADP Inhibitors - Discharge**   *SeqNo:* 3090

Short Name: DCADP   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate whether or not the patient was discharged from facility on ADP Inhibitors, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                     2 = No
                     3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Not mapped   *ParentShortName:* MtDCStat

                                                         ParentValue: = "Alive"

Field Name: **Antiarrhythmics - Discharge**   *SeqNo:* 3100

Short Name: DCAArhy   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate whether or not the patient was discharged from facility on antiarrhythmics, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                     2 = No
                     3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Not mapped   *ParentShortName:* MtDCStat

                                                         ParentValue: = "Alive"

Field Name: **Antiarrhythmics - Discharge - Medication Name**   *SeqNo:* 3110

Short Name: DCAArMN   *Core:* Yes

                                                                                         Harvest: Yes

Definition: Indicate the name of the antiarrhythmic medication the patient was on when discharged from the facility.

Harvest Coding: 1 = Amiodarone
                     2 = Other

Valid Data: Amiodarone; Other

Usual Range:

Format:	Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Antiarrhythmics - Discharge
ACCField:	Not mapped	*ParentShortName:*	DCAArhy
		ParentValue:	= "Yes"

Field Name: **Aspirin - Discharge**   *SeqNo:* 3120

Short Name: DCASA   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether or not the patient was discharged from facility on Aspirin, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Mort-DC Status
ACCField:	Not mapped	*ParentShortName:*	MtDCStat
		ParentValue:	= "Alive"

Field Name: **Ace or ARB Inhibitors - Discharge**   *SeqNo:* 3130

Short Name: DCACE   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether or not the patient was discharged from facility on ACE or ARB Inhibitors, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Mort-DC Status
ACCField:	Not mapped	*ParentShortName:*	MtDCStat
		ParentValue:	= "Alive"

Field Name: **Beta Blockers - Discharge**   *SeqNo:* 3140

Short Name: DCBeta   *Core:* Yes

                                                                        Harvest: Yes

Definition: Indicate whether or not the patient was discharged on beta blockers, or if beta blocker was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes

2 = No
3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Not mapped   *ParentShortName:* MtDCStat

                                                ParentValue: = "Alive"

- -

Field Name: **Lipid Lowering - Discharge**   *SeqNo:* 3150

Short Name: DCLipid   *Core:* Yes

                                                                  Harvest: Yes

Definition: Indicate whether or not the patient was discharged on a statin or lipid lowering medication, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.

Harvest Coding: 1 = Yes
                    2 = No
                    3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Not mapped   *ParentShortName:* MtDCStat

                                                ParentValue: = "Alive"

- -

Field Name: **Lipid Lowering - Discharge - Medication Type**   *SeqNo:* 3160

Short Name: DCLipMT   *Core:* Yes

                                                                  Harvest: Yes

Definition: Indicate the type of Lipid Lowering medication the patient was on when discharged from the facility.

Harvest Coding: 1 = Statin
                    2 = Non statin
                    3 = Both

Valid Data: Statin; Non statin; Both

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Lipid Lowering - Discharge

ACCField: Not mapped   *ParentShortName:* DCLipid

                                                ParentValue: = "Yes"

- -

Field Name: **Coumadin - Discharge**   *SeqNo:* 3180

Short Name: DCCoum   *Core:* Yes

                                                                  Harvest: Yes

Definition: Indicate whether the patient was discharged from the facility on Coumadin, or if it was

contraindicated or not indicated.

Harvest Coding:	1 = Yes
	2 = No
	3 = Contraindicated / Not Indicated

Valid Data: Yes; No; Contraindicated / Not Indicated

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Mort-DC Status
ACCField:	Not mapped	*ParentShortName:* MtDCStat
		ParentValue: = "Alive"

- -

Field Name:	**Discharge Location**	*SeqNo:* 3190
Short Name:	DisLoctn	*Core:* Yes
		Harvest: Yes

Definition: Indicate the location to where the patient was discharged.

Harvest Coding:	1 = Home
	2 = Extended Care/Transitional Care Unit/Rehab
	3 = Other Hospital
	4 = Nursing Home
	5 = Hospice
	777 = Other

Valid Data: Home; Extended Care/Transitional Care Unit/Rehab; Other Hospital; Nursing Home; Hospice; Other

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Mort-DC Status
ACCField:	Mapped - Definition and coding	*ParentShortName:* MtDCStat
		ParentValue: = "Alive"

- -

Field Name:	**Cardiac Rehabilitation Referral**	*SeqNo:* 3200
Short Name:	CardRef	*Core:* Yes
		Harvest: Yes

Definition: Indicate whether advice was given or discussion conducted with the patient (by physician, nurse, or other personnel) regarding the importance of joining a cardiac rehabilitation program, or an appointment made.

Harvest Coding:	1 = Yes
	2 = No
	3 = Not Applicable

Valid Data: Yes; No; Not Applicable

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:* Mort-DC Status
ACCField:	Mapped - Definition and coding	*ParentShortName:* MtDCStat
		ParentValue: = "Alive"

Field Name: **Smoking Cessation Counseling**   *SeqNo:* 3210

Short Name: SmokCoun   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate whether, prior to discharge from the acute care facility, the patient received smoking cessation counseling. Please select "Not Applicable" for those patients with no prior history of smoking.

Harvest Coding: 1 = Yes
                   2 = No
                   3 = Not Applicable

Valid Data: Yes; No; Not Applicable

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Mapped - Definition and coding *ParentShortName:* MtDCStat

                                                 ParentValue: = "Alive"

S. Readmission

Field Name: **Readmit <=30 Days from DOP**   *SeqNo:* 3220

Short Name: Readm30   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate whether the patient was readmitted as an in-patient within 30 days from the date of initial surgery for ANY reason. This includes readmissions to acute care, primary care institutions only. Do not include readmissions to rehabilitation hospital, or nursing home.

Harvest Coding: 1 = Yes
                   2 = No

Valid Data: Yes; No

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Mort-DC Status

ACCField: Not mapped   *ParentShortName:* MtDCStat

                                                 ParentValue: = "Alive"

Field Name: **Readmit Reason**   *SeqNo:* 3230

Short Name: ReadmRsn   *Core:* Yes

                                                                                     Harvest: Yes

Definition: Indicate the primary reason that the patient was readmitted as an in-patient within 30 days from the date of initial surgery (select one):

          Anticoagulation Complication - Valvular
          Anticoagulation Complication - Pharmacological
          Arrhythmia/Heart Block
          Congestive Heart Failure
          Myocardial Infarction and/or Recurrent Angina

Pericardial Effusion and/or Tamponade
Pneumonia or other Respiratory Complication
Coronary Artery Dysfunction
Valve Dysfunction
Infection - Deep Sternum
Infection - Conduit Harvest Site
Renal Failure
TIA
Permanent CVA
Acute Vascular Complication
Subacute Endocarditis
VAD Complication
Other - Related Readmission
Other - Nonrelated Readmission

Harvest Coding: 20 = Anticoagulation Complication - Valvular
                   21 = Anticoagulation Complication - Pharmacological
                   2 = Arrhythmia/Heart Block
                   3 = Congestive Heart Failure
                   5 = Myocardial Infarction and/or Recurrent Angina
                   6 = Pericardial Effusion and/or Tamponade
                   7 = Pneumonia or other Respiratory Complication
                   22 = Coronary Artery Dysfunction
                   8 = Valve Dysfunction
                   9 = Infection - Deep Sternum
                   23 = Infection - Conduit Harvest Site
                   14 = Renal Failure
                   15 = TIA
                   18 = Permanent CVA
                   19 = Acute Vascular Complication
                   24 = Subacute Endocarditis
                   25 = VAD Complication
                   26 = Transplant Rejection
                   998 = Other - Related Readmission
                   999 = Other - Nonrelated Readmission

Valid Data: Anticoagulation Complication - Valvular; Anticoagulation Complication - Pharmacological; Arrhythmia/Heart Block ; Congestive Heart Failure; Myocardial Infarction and/or Recurrent Angina ; Pericardial Effusion and/or Tamponade ; Pneumonia or other Respiratory Complication; Coronary Artery Dysfunction ; Valve Dysfunction ; Infection - Deep Sternum ; Infection - Conduit Harvest Site; Renal Failure ; TIA; Permanent CVA; Acute Vascular Complication ; Subacute Endocarditis; VAD Complication; Transplant Rejection; Other - Related Readmission; Other - Nonrelated Readmission

Usual Range:

Format: Text (categorical values specified by STS)

Data Source:	User	*Parent Field:*	Readmit <=30 Days from DOP
ACCField:	Not mapped	*ParentShortName:*	Readm30
		ParentValue:	= "Yes"

Field Name:	**Readmit Reason - Primary Procedure**	*SeqNo:* 3240
Short Name:	ReadmPro	*Core:* Yes
		Harvest: Yes

Definition: Indicate the primary procedure that the patient received after being readmitted as an in-patient within 30 days from the date of initial surgery (select one):

        OR for Bleeding
        Pacemaker insertion/AICD
        PCI
        Pericardiotomy/Pericardiocentesis
        OR for Coronary Arteries
        OR for Valve
        OR for Sternal Debridement/Muscle Flap
        Dialysis
        OR for Vascular
        No Procedure Performed
        Other Procedure
        Unknown

Harvest Coding: 10 = OR for Bleeding
        20 = Pacemaker insertion/AICD
        30 = PCI
        40 = Pericardiotomy/Pericardiocentesis
        50 = OR for Coronary Arteries
        60 = OR for Valve
        70 = OR for Sternal Debridement/Muscle Flap
        80 = Dialysis
        90 = OR for Vascular
        700 = No Procedure Performed
        710 = Other Procedure
        720 = Unknown

Valid Data: OR for Bleeding; Pacemaker insertion/AICD; PCI; Pericardiotomy/Pericardiocentesis; OR for Coronary Arteries; OR for Valve; OR for Sternal Debridement/Muscle Flap; Dialysis; OR for Vascular; No Procedure Performed ; Other Procedure; Unknown

Usual Range:

Format: Text (categorical values specified by STS)

Data Source: User   *Parent Field:*   Readmit <=30 Days from DOP

ACCField: Not mapped   *ParentShortName:*   Readm30

         ParentValue: = "Yes"

T. Risk Scores

Field Name: **Risk Model Coefficients Version Number**   *SeqNo:* 3249

Short Name: PredCoefVrsn   *Core:* Yes

         Harvest: Yes

Definition: The version number of the set of coefficients used in the risk models to calculate the risk scores for this record. The value is inserted into the record at the time the risk calculations are performed. The version numbers will be specified by the STS.

Harvest Coding: "2.61.1"

Valid Data: (assigned value, automatically inserted by software)

Usual Range:

Format: Text

Data Source: Automatic   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

         ParentValue:

Field Name:	**Predicted Risk of Mortality**	*SeqNo:* 3250
Short Name:	PredMort	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Predicted Risk of Mortality

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Deep Sternal Wound Infx**	*SeqNo:* 3260
Short Name:	PredDeep	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Predicted Risk of Deep Sternal Wound Infection

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Reoperation**	*SeqNo:* 3270
Short Name:	PredReop	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Predicted Risk of Reoperation

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Permanent Stroke**	*SeqNo:* 3280

Short Name: PredStro   *Core:* Yes

                                                Harvest: Yes

Definition: Indicate the Predicted Risk of Permanent Stroke

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g.
.999) for display, and at least 0.5 digits (5 decimal places
e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Prolonged Ventilation**	*SeqNo:* 3290
Short Name:	PredVent	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Predicted Risk of Prolonged Ventilation

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g.
.999) for display, and at least 0.5 digits (5 decimal places
e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Renal Failure**	*SeqNo:* 3300
Short Name:	PredRenF	*Core:* Yes
		Harvest: Yes

Definition: Indicate the Predicted Risk of Renal Failure

Harvest Coding:

Valid Data: (calculated)

Usual Range:

Format: Real number, at least 0.3 digits (3 decimal places e.g.
.999) for display, and at least 0.5 digits (5 decimal places
e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Morbidity or Mortality**	*SeqNo:* 3310
Short Name:	PredMM	*Core:* Yes

Harvest: Yes

Definition: Indicate the Predicted Risk of Morbidity or Mortality

Harvest Coding:

Valid Data:	(calculated)
Usual Range:	
Format:	Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Short Length of Stay**	*SeqNo:*	3320
Short Name:	Pred6D	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Predicted Risk of Short Length of Stay

Harvest Coding:

Valid Data:	(calculated)
Usual Range:	
Format:	Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

Field Name:	**Predicted Long Length of Stay**	*SeqNo:*	3330
Short Name:	Pred14D	*Core:*	Yes
		Harvest:	Yes

Definition: Indicate the Predicted Risk of Long Length of Stay

Harvest Coding:

Valid Data:	(calculated)
Usual Range:	
Format:	Real number, at least 0.3 digits (3 decimal places e.g. .999) for display, and at least 0.5 digits (5 decimal places e.g. .99999) for harvest and validation.

Data Source:	Calculated	*Parent Field:*	
ACCField:	Not mapped	*ParentShortName:*	
		ParentValue:	

U. STS Custom Fields

Field Name: **STS Custom Numeric Field 1**   *SeqNo:* 3400

Short Name: STSCustNum1   *Core:* Yes

                                                 Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                             ParentValue:

Field Name: **STS Custom Numeric Field 2**   *SeqNo:* 3410

Short Name: STSCustNum2   *Core:* Yes

                                                 Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                             ParentValue:

Field Name: **STS Custom Numeric Field 3**   *SeqNo:* 3420

Short Name: STSCustNum3   *Core:* Yes

                                                 Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                             ParentValue:

Field Name:	**STS Custom Numeric Field 4**	*SeqNo:*	3430
Short Name:	STSCustNum4	*Core:*	Yes
		Harvest:	Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                       ParentValue:

Field Name:	**STS Custom Numeric Field 5**	*SeqNo:*	3440
Short Name:	STSCustNum5	*Core:*	Yes
		Harvest:	Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Real

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                       ParentValue:

Field Name:	**STS Custom Text Field 1**	*SeqNo:*	3450
Short Name:	STSCustTxt1	*Core:*	Yes
		Harvest:	Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text length 100

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                       ParentValue:

Field Name: **STS Custom Text Field 2**   *SeqNo:* 3460

Short Name: STSCustTxt2   *Core:* Yes

                    Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text length 100

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                    ParentValue:

Field Name: **STS Custom Text Field 3**   *SeqNo:* 3470

Short Name: STSCustTxt3   *Core:* Yes

                    Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text length 100

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                    ParentValue:

Field Name: **STS Custom Text Field 4**   *SeqNo:* 3480

Short Name: STSCustTxt4   *Core:* Yes

                    Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text length 100

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                    ParentValue:

Field Name: **STS Custom Text Field 5**   *SeqNo:* 3490

Short Name: STSCustTxt5   *Core:* Yes

                                                                                                          Harvest: Yes

Definition: This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.

Harvest Coding:

Valid Data:

Usual Range:

Format: Text length 100

Data Source: User   *Parent Field:*

ACCField: Not mapped   *ParentShortName:*

                                                          ParentValue: