STS Adult Cardiac Data Specifications

Version 2.61

August 24, 2007

	A. Adm	INISTRATIVE
Field Name:	Software Vendor Identifier	SeqNo: 10
Short Name:	VendorID	Core: Yes
		Harvest: Yes
sta		oftware vendor (up to 8 characters). Vendors should u anges to Vendor Name Identification must be approve
Harvest Coding		
Valid Data:	(assigned value, automatically inserte	d by software)
Usual Range:		
Format:	Text	
Data Source:	Automatic	Parent Field:
ACCField:	Mapped - Definition and coding	ParentShortName:
	-	ParentValue:
E. 11M		C N 20
Field Name: Short Name:	Software Version SoftVrsn	SeqNo: 20 Core: Yes
Shori Ivanie.		
	ndor's software product name and version	Harvest: Yes number identifying the software which created this
rec	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse.	Harvest: Yes
rec	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse.	<i>Harvest:</i> Yes number identifying the software which created this ld. Version passing certification/harvest testing will b
rec not Harvest Coding	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse.	<i>Harvest:</i> Yes number identifying the software which created this ld. Version passing certification/harvest testing will b
rec not Harvest Coding Valid Data: Usual Range:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse.	<i>Harvest:</i> Yes number identifying the software which created this ld. Version passing certification/harvest testing will b
rec not Harvest Coding Valid Data: Usual Range: Format:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse. :: (assigned value, automatically inserte	<i>Harvest:</i> Yes number identifying the software which created this ld. Version passing certification/harvest testing will b
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source:	ndor's software product name and version ord. Vendor controls the value in this fiel ted at warehouse. (assigned value, automatically inserte Text	<i>Harvest:</i> Yes number identifying the software which created this ld. Version passing certification/harvest testing will b d by software)
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse. (assigned value, automatically inserte Text Automatic	Harvest: Yes number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field:
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped	Harvest: Yes number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue:
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped STS Data Version	Harvest: Yes number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue: SeqNo: 30
rec not Harvest Coding Valid Data:	ndor's software product name and version ord. Vendor controls the value in this fie ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped	Harvest: Yes a number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue: SeqNo: 30 Core: Yes
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ve ide	ndor's software product name and version ord. Vendor controls the value in this fiel ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped STS Data Version DataVrsn rsion number of the STS Data Specification	Harvest: Yes a number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue: SeqNo: 30 Core: Yes Harvest: Yes ons/Dictionary, to which each record conforms. It will what are the valid data for each field. This must be
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ve ide	ndor's software product name and version ord. Vendor controls the value in this field ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped STS Data Version DataVrsn rsion number of the STS Data Specification ntify which fields should have data, and ware directed into the record automatically by the second	Harvest: Yes a number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue: SeqNo: 30 Core: Yes Harvest: Yes ons/Dictionary, to which each record conforms. It will what are the valid data for each field. This must be
rec not Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ve ide	ndor's software product name and version ord. Vendor controls the value in this field ted at warehouse. (assigned value, automatically inserte Text Automatic Not mapped STS Data Version DataVrsn rsion number of the STS Data Specification ntify which fields should have data, and ware directed into the record automatically by the second	Harvest: Yes a number identifying the software which created this ld. Version passing certification/harvest testing will b d by software) Parent Field: ParentShortName: ParentValue: SeqNo: 30 Core: Yes Harvest: Yes ons/Dictionary, to which each record conforms. It will what are the valid data for each field. This must be software.

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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:

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	Cost Link	SeqNo: 60
Short Name.	CostLink	Core: Yes
		Harvest: Optiona
Definition:	participant's cost information for the to perform procedure cost analysis	ric code that can be used to link this record's clinical data with the is patient admission. This information may be used in the future (for which the actual cost data would have to be harvested must not be the patient's Medical Record Number, Social nt identifying value.
Harvest Cod	ling:	
Valid Data:	(free text)	
Usual Range	2:	
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
	time of the surgical procedure.	ient known NOT to be in an IRB-approved clinical trial at the ther or not the patient is enrolled in a clinical trial.
Harvest Cod	time of the surgical procedure. Leave blank if it is not known whe <i>ling:</i> 1 = Patient known to be in a	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial
Harvest Coo Valid Data:	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be	ther or not the patient is enrolled in a clinical trial.
/alid Data:	 time of the surgical procedure. Leave blank if it is not known whe <i>ling:</i> 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial 	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial
/alid Data: Jsual Range	 time of the surgical procedure. Leave blank if it is not known whe <i>ling:</i> 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial 	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB-
	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial e: Text (categorical values spec	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB-
/alid Data: Usual Ranga Format: Data Source	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial e: Text (categorical values spec	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS)
Valid Data: Usual Rango Format: Data Source ACCField:	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial e: Text (categorical values spects: User	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue:
Valid Data: Usual Rango Format: Data Source ACCField:	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial 2: Text (categorical values spections) User Not mapped	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue:
/alid Data: Jsual Range Format: Data Source ACCField: Field Name:	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial e: Text (categorical values spectry User Not mapped Patient ID	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue:
/alid Data: Jsual Range Format: Data Source ACCField: Field Name:	time of the surgical procedure. Leave blank if it is not known whe ling: 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial e: Text (categorical values spectry User Not mapped Patient ID	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue: SeqNo: 80
Valid Data: Usual Ranga Format: Data Source ACCField: Field Name: Short Name.	 time of the surgical procedure. Leave blank if it is not known whe <i>ling:</i> 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial <i>Text</i> (categorical values spectrum) <i>Werter Construction of the state of the </i>	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue: SeqNo: 80 Core: Yes Harvest: Yes ecognizable ID like SSN or Medical Record Number) that s each patient. Once assigned to a patient, this can never be dmitted to the hospital more than once, each record for that
Valid Data: Usual Ranga Format: Data Source ACCField: Field Name: Short Name.	 time of the surgical procedure. Leave blank if it is not known whe <i>ling:</i> 1 = Patient known to be in a 9 = Patient known not to be Patient known to be in an IR approved clinical trial <i>Patient (categorical values specter)</i> <i>Patient ID</i> <i>PatID</i> <i>PatID</i> This is an arbitrary number (not a runiquely and permanently identifie changed or reused. If a patient is a patient will have the same value in 	ther or not the patient is enrolled in a clinical trial. n IRB-approved clinical trial in an IRB-approved clinical trial B-approved clinical trial; Patient known not to be in an IRB- cified by STS) Parent Field: ParentShortName: ParentValue: SeqNo: 80 Core: Yes Harvest: Yes ecognizable ID like SSN or Medical Record Number) that s each patient. Once assigned to a patient, this can never be dmitted to the hospital more than once, each record for that

Usual Range:

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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
ch	dicates whether the record data is complet neck process. This field does not impact a p ality control field for data managers at site	procedure's harvest status. It is in	
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	(calculated)		
Usual Range:			
Format:	Text (categorical values specified by	STS)	
Data Source:	Calculated	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
r			
	B. Dem	ographics	
Field Name:	B. Dem Patient Last Name	ographics	SeqNo: 100
Field Name: Short Name:		ographics	SeqNo: 100 Core: Yes
	Patient Last Name	ographics	-
Short Name: Definition: In	Patient Last Name		Core: Yes Harvest: Optional
Short Name: Definition: In	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws.		Core: Yes Harvest: Optional
Short Name: Definition: In	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws.		Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws. g:		Core: Yes Harvest: Optional
Short Name: Definition: In co Harvest Codin Valid Data:	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws. g:		Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range:	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws. g: (free text)		Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range: Format:	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws. g: (free text) Text	in the medical record. This field	Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range: Format: Data Source:	Patient Last Name PatLName dicate the patient's last name documented is ompliance with state/local privacy laws. g: (free text) Text User	in the medical record. This field Parent Field:	Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range: Format: Data Source:	Patient Last Name PatLName dicate the patient's last name documented is ompliance with state/local privacy laws. g: (free text) Text User	in the medical record. This field Parent Field: ParentShortName:	Core: Yes Harvest: Optional
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	Patient Last Name PatLName dicate the patient's last name documented ompliance with state/local privacy laws. g: (free text) Text User Mapped - Definition and coding	in the medical record. This field Parent Field: ParentShortName:	Core: Yes Harvest: Optional should be collected in
Short Name: Definition: In cc Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	Patient Last Name PatLName dicate the patient's last name documented i ompliance with state/local privacy laws. g: (free text) Text User Mapped - Definition and coding Patient First Name	in the medical record. This field Parent Field: ParentShortName:	Core: Yes Harvest: Optional should be collected in SeqNo: 110
Short Name: Definition: In CC Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	Patient Last Name PatLName dicate the patient's last name documented i ompliance with state/local privacy laws. g: (free text) Text User Mapped - Definition and coding Patient First Name	in the medical record. This field Parent Field: ParentShortName: ParentValue:	Core: Yes Harvest: Optional should be collected in SeqNo: 110 Core: Yes Harvest: Optional
Short Name: Definition: In CC Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	Patient Last Name PatLName dicate the patient's last name documented i ompliance with state/local privacy laws. g: (free text) Text User Mapped - Definition and coding Patient First Name PatFName dicate the patient's first name documented ompliance with state/local privacy laws.	in the medical record. This field Parent Field: ParentShortName: ParentValue:	Core: Yes Harvest: Optional should be collected in SeqNo: 110 Core: Yes Harvest: Optional
Short Name: Definition: In Co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	Patient Last Name PatLName dicate the patient's last name documented i ompliance with state/local privacy laws. g: (free text) Text User Mapped - Definition and coding Patient First Name PatFName dicate the patient's first name documented ompliance with state/local privacy laws.	in the medical record. This field Parent Field: ParentShortName: ParentValue:	Core: Yes Harvest: Optional should be collected in SeqNo: 110 Core: Yes Harvest: Optional

	ardiac Data Specifications	August 24, 2007	Version 2.6
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: Optiona
L	dicate the patient's middle initial docume eave "blank" if no middle name. This fiel rivacy laws.		nce with state/local
Harvest Codin	g:		
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		<i>SeqNo:</i> 130
Short Name:	DOB		Core: Yes
shori nume.	DOD		<i>core.</i> 1 <i>cs</i>
			Harvest: Optiona
-	dicate the patient's date of birth using 4-d ompliance with state/local privacy laws.	igit format for year. This field s	Harvest: Optionation Harvest: Optionation
-	ompliance with state/local privacy laws.	igit format for year. This field s	-
co	ompliance with state/local privacy laws.	igit format for year. This field s	-
co Harvest Codin	ompliance with state/local privacy laws.		-
co Harvest Codin Valid Data:	<i>g:</i> (Before system date)		-
co Harvest Codin Valid Data: Usual Range:	 mpliance with state/local privacy laws. g: (Before system date) (Greater than 18 years before system 		-
co Harvest Codin Valid Data: Usual Range: Format:	 mpliance with state/local privacy laws. g: (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy 	a date)	-
co Harvest Codin Valid Data: Usual Range: Format: Data Source:	 mpliance with state/local privacy laws. g: (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User 	a date) Parent Field:	-
co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	 (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding 	a date) Parent Field: ParentShortName:	hould be collected in
co Harvest Codin Valid Data: Usual Range: Format: Data Source:	 mpliance with state/local privacy laws. g: (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding Patient Age 	a date) Parent Field: ParentShortName:	_
co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	 (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding 	a date) Parent Field: ParentShortName:	hould be collected in SeqNo: 140
co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In an	 mpliance with state/local privacy laws. g: (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding Patient Age 	f surgery. This should be calcula nvention used in the USA (the n y). If age is less than 18, the data	hould be collected in SeqNo: 140 Core: Yes Harvest: Yes tted from the date of birth umber of birthdate a record will be accepted
co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In an	 (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding Patient Age Age dicate the patient's age in years, at time on the date of surgery, according to the comiversaries reached by the date of surgery to the database, but will not be included in the interval of the database.	f surgery. This should be calcula nvention used in the USA (the n y). If age is less than 18, the data	hould be collected in SeqNo: 140 Core: Yes Harvest: Yes tted from the date of birth umber of birthdate a record will be accepted
co Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In ar ar ar in	 (Before system date) (Greater than 18 years before system Date in the format mm/dd/yyyy User Mapped - Definition and coding Patient Age Age dicate the patient's age in years, at time on the date of surgery, according to the comiversaries reached by the date of surgery to the database, but will not be included in the interval of the database.	f surgery. This should be calcula nvention used in the USA (the n y). If age is less than 18, the data	hould be collected in SeqNo: 140 Core: Yes Harvest: Yes tted from the date of birth umber of birthdate a record will be accepted

STS Adult Cardiac Data Specifications August 24, 2007 Version 2.61 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 = Male2 = FemaleValid Data: Male; Female Usual Range: Text (categorical values specified by STS) Format: 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 Parent Field: Data Source: User ACCField: ParentShortName: Not mapped 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: Text Format:

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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
nu	dicate the Health Insurance Claim (Humber that uniquely identifies an indicompliance with state/local privacy law	vidual for a claim. This field shoul	
Harvest Codin	g:		
Valid Data:			
Usual Range:			
Format:	Text		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Patient ZIP Code		<i>SeqNo:</i> 180
Short Name:	PatZIP		Core: Yes
shori i tume.	1 4(2)11		0070. 105
	dicate the ZIP Code of the patient's r ames such as Postal Code (needing 6		a may be known by other
na to	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val	characters). Software should allow ues.	a may be known by other
na to Tl	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl	characters). Software should allow ues.	a may be known by other
na to Tl Harvest Codin	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl g:	characters). Software should allow ues.	a may be known by other
na to Tl Harvest Codin Valid Data:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl	characters). Software should allow ues.	a may be known by other
na to Tl Harvest Codin Valid Data: Usual Range:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format)	characters). Software should allow ues.	
na to Tl Harvest Codin Valid Data: Usual Range: Format:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text	characters). Software should allow ues. liance with state/local privacy laws.	a may be known by other
na to Tl Harvest Codin Valid Data: Usual Range: Format: Data Source:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text User	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i>	a may be known by other
na to Tl Harvest Codin Valid Data: Usual Range: Format: Data Source:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i> <i>ParentShortName:</i>	a may be known by other
na to Tl Harvest Codin Valid Data: Usual Range: Format: Data Source:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text User	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i>	a may be known by other
na to Tl Harvest Codin Valid Data:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text User	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i> <i>ParentShortName:</i>	a may be known by other
na to Tl Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in comp g: (valid format) Text User Not mapped	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i> <i>ParentShortName:</i>	a may be known by other sites to collect at least up
na to Tl Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl g: (valid format) Text User Not mapped Race	characters). Software should allow ues. liance with state/local privacy laws. <i>Parent Field:</i> <i>ParentShortName:</i>	a may be known by other sites to collect at least up <i>SeqNo:</i> 190
na to Th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl g: (valid format) Text User Not mapped Race	characters). Software should allow ues. liance with state/local privacy laws. Parent Field: ParentShortName: ParentValue:	a may be known by other sites to collect at least up <i>SeqNo:</i> 190 <i>Core:</i> No
na to Th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	ames such as Postal Code (needing 6 10 characters to allow for Zip+4 val his field should be collected in compl g: (valid format) Text User Not mapped Race Race addicate the patient's race as determine	characters). Software should allow ues. liance with state/local privacy laws. Parent Field: ParentShortName: ParentValue:	a may be known by other sites to collect at least up <i>SeqNo:</i> 190 <i>Core:</i> No

			- 3
Usual Rang	e:		
Format:		Text (categorical values specified b	y STS)
Data Source	e:	User	Parent Field:
ACCField:		Mapped - Definition and coding	ParentShortName:
			ParentValue:
Field Name.	: R	ace - White	SeqNo: 191
Short Name	: R	aceCaucasian	Core: Yes
			Harvest: Yes
Definition:		des a person having origins in any of	mined by the patient or family, includes White. This the original peoples of Europe, the Middle East, or North
	Ethni admi		1 1 0
Harvest Coo	ding:	1 = Yes $2 = No$	
Valid Data:		Yes; No	
Usual Rang	e:		
Format:		Text (categorical values specified b	y STS)
Data Source	e:	User	Parent Field:
ACCField:		Mapped - Definition only	ParentShortName:
			ParentValue:
Field Name.	: R	ace - Black / African American	<i>SeqNo:</i> 192
Short Name	: R	aceBlack	Core: Yes
			Harvest: Yes
Definition:	Ame	rican. This includes a person having	mined by the patient or family, includes Black / African origins in any of the black racial groups of Africa. Terms n addition to "Black or African American."
	Ethni admi		
Harvest Coo	ding:	1 = Yes 2 = No	
Valid Data:		Yes; No	
Usual Rang	e:		
Format:		Text (categorical values specified b	y STS)
Data Source	e:	User	Parent Field:
ACCField:		Mapped - Definition only	ParentShortName:
			ParentValue:

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Field Name.	Race - Asian		SeqNo: 193
Short Name	RaceAsian		Core: Yes
			Harvest: Yes
Definition:	includes a person having or Indian subcontinent includin	's race, as determined by the patient or family, gins in any of the original peoples of the Far E ng, for example, Cambodia, China, India, Japan nds, Thailand, and Vietnam.	East, Southeast Asia, or the
	Ethnicity : The minimum cadministrative reporting, an	s for Maintaining, Collecting, and Presenting lategories for data on race and ethnicity for Fed d civil rights compliance reporting. /fedreg/1997standards.html)	
Harvest Coo	ling: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Rang	2:		
Format:	Text (categorical value)	les specified by STS)	
Data Source	: User	Parent Field:	
ACCField:	Mapped - Definition	only ParentShortName:	
		ParentValue:	
Field Name.	Race - American India	n / Alaskan Native	SeqNo: 194
Short Name			Core: Yes
			Harvest: Yes
Definition:	/ Alaskan Native. This incl	's race, as determined by the patient or family, udes a person having origins in any of the origi central America), and who maintains tribal affil	inal peoples of North and
	Ethnicity : The minimum c administrative reporting, an	s for Maintaining, Collecting, and Presenting lategories for data on race and ethnicity for Fed d civil rights compliance reporting. /fedreg/1997standards.html)	
Harvest Cod	ling: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
	2:		
Usual Rang			
Usual Rang Format:	Text (categorical value)	ies specified by STS)	
-		les specified by STS) Parent Field:	
Format:		Parent Field:	
Format: Data Source	: User	Parent Field:	
Format: Data Source ACCField:	:: User Mapped - Definition	only Parent Field: ParentShortName: ParentValue:	SeaNo: 195
Format: Data Source	 User Mapped - Definition Race - Native Hawaiian 	only Parent Field: ParentShortName: ParentValue:	SeqNo: 195 Core: 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)

1 = Yes 2 = No Yes; No Text (categorical values specified by ST User Mapped - Definition and coding	S) Parent Field: ParentShortName:
2 = No Yes; No Text (categorical values specified by ST	
2 = No Yes; No	S)
2 = No	
2 = No	
4 **	
	thnicity as determined by the patient / family. port of Cuban, Mexican, Puerto Rican, South or rigin, regardless of race.
	Harvest: Yes
thnicity	Core: Yes
lispanic or Latino Ethnicity	SeqNo: 199
11	ParentValue:
	ParentShortName:
	Parent Field:
Text (categorical values specified by ST	S)
Yes; No	
2 = No	
	ed by the patient or family, includes any other race.
	Harvest: Yes
aceOther	Core: Yes
ace - Other	SeqNo: 196
Mapped - Definition only	ParentValue:
	Parent Field: ParentShortName:
Yes; No	
1 = Yes 2 = No	
	2 = No Yes; No Text (categorical values specified by ST: User Mapped - Definition only Eace - Other aceOther ate whether the patient's race, as determined 1 = Yes 2 = No Yes; No Text (categorical values specified by ST: User Not mapped Eispanic or Latino Ethnicity thnicity ate if the patient is of Hispanic or Latino etanic or Latino ethnicity includes patient reprai

STS Adult Ca	ardiac Data Specifications	August 24, 2007	Version 2.61
Field Name:	Referring Card-Cardiologist		SeqNo: 200
Short Name:	RefCard		Core: Yes
			Harvest: No
Definition: In	dicate the referring cardiologist's name.		
Harvest Codin	g:		
Valid Data:	(elements of user list) Not free text. made available through a utility that i		
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
2.1011110000			Harvest: No
Definition: In	dicate the referring physician's name.		
Harvest Codin			
Valid Data:	(elements of user list) Not free text. made available through a utility that i		
Usual Range:			
Format:	Text (categorical values specified by	User)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
	C. Hos	pitalization	
Field Name:	Hospital Name		SeqNo: 220
Short Name:	HospName		Core: Yes
			Harvest: Yes
of	idicate the full name of the facility where t fficial hospital names with no abbreviation hould also be in mixed-case.		
Harvest Codin	g:		
Valid Data:	(elements of user list) Not free text. made available through a utility that i		
Usual Range:			
Format:	Text (categorical values specified by	User)	
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition and coding	ParentShortName:	
		ParentValue:	
	<u></u>	loopitolization	Dogo 11 of 169

Field Name:	Hospital ZIP Code	SeqNo: 230)
Short Name:	HospZIP	Core: Ye	S
		Harvest: Yes	s
-	licate the ZIP Code of the hospital. Outside thas Postal Code (needing 6 characters).	e the USA, these data may be known by other name	es
So	ftware should allow sites to collect up to 1	0 characters to allow for Zip+4 values.	
Th	is 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 U	Jser)	
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: Ye	S
		Harvest: Yes	s
Definition: Inc	licate the abbreviation of the state or provi	nce 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	1
Short Name:	HospNPI	Core: Ye	
	•	Harvest: Yes	s
Me		tifier (NPI). This number, assigned by the Center for sed to uniquely identify facilities for Medicare billi	
Harvest Coding			
Valid Data:	(elements of user list)		
Usual Range:			
	Text (categorical values specified by U	Jser)	
Format:			
	Lookup	Parent Field:	
Format: Data Source: ACCField:	Lookup Mapped - Definition and coding	Parent Field: ParentShortName:	

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Field Name:	Payor		SeqNo: 245
Short Name:	Payor		Core: No
			Harvest: No
1. C care proj 2. C Org 3. H heat 4. N pay insu 5. In	Bovernment: Government insurate. In the U.S., this includes, Med grams), TriCare and the Veteran Commercial: Commercial refers to anizations (PPOs) (e.g. Blue Cro IMO: HMO refers to a Health M lth care services for members on Jone: None refers to individuals or regardless of ability to pay. O urance in the medical record.	o all indemnity (fee-for-service) carries oss/Blue Shield). faintenance Organization characterized a pre-paid basis. with no or limited health insurance; thu nly mark "None" when "self" or "none l patient refers to individuals who resid	by government-reimbursed leral Medicaid-type rs and Preferred Provider by coverage that provides us, the individual is the " is denoted as the first
Harvest Coding:			
Valid Data:	(elements of user list)		
Usual Range:			
Format:	Text (categorical values spec	ified by User)	
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition only	ParentShortName:	
		ParentValue:	
Field Name:	Payor - Government Health In	surance	SeqNo: 247
	PayorGov		Core: 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 b	by STS)	
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition only	ParentShortName:	
		ParentValue:	
Field Name:	Payor - Government Health Insura	nce - 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

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	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Payor - Gover Insurance	rnment Health
ACCField:	Mapped - Definition only	ParentShortName: PayorGo	V
		<i>ParentValue:</i> = "Yes"	
Field Name:	Payor - Government Health Insu	rance - Medicaid	SeqNo: 249
	PayorGovMcaid		Core: Yes
			Harvest: Yes
	icate whether the government insura uded Medicaid	ance used by the patient to pay for part of	or all of this admission
Harvest Coding	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Payor - Gover Insurance	mment Health
ACCField:	Mapped - Definition only	ParentShortName: PayorGo	V
		<i>ParentValue:</i> = "Yes"	
	Payor - Government Health Insu PayorGovMil	rance - Military Health Care	SeqNo: 250 Core: Yes Harvest: Yes
	icate whether the government insura uded Military Health Care.	ance used by the patient to pay for part of	or all of this admission
Harvest Coding.	1 = Yes 2 = No		
0	- 110		
Valid Data:	Yes; No		
_			
Valid Data:		d by STS)	
Valid Data: Usual Range:	Yes; No	d by STS) Parent Field: Payor - Gover Insurance	mment Health
Valid Data: Usual Range: Format:	Yes; No Text (categorical values specifie	Parent Field: Payor - Gover	
Valid Data: Usual Range: Format: Data Source:	Yes; No Text (categorical values specifie User	Parent Field: Payor - Gover Insurance	
Valid Data: Usual Range: Format: Data Source: ACCField:	Yes; No Text (categorical values specifie User Mapped - Definition only	Parent Field: Payor - Gover Insurance ParentShortName: PayorGo ParentValue: = "Yes"	v
Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	Yes; No Text (categorical values specifie User	Parent Field: Payor - Gover Insurance ParentShortName: PayorGo ParentValue: = "Yes"	

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

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inclu	ided State-Specific Plan.			
Harvest Coding:	1 = Yes 2 = No			
Valid Data:	Yes; No			
Usual Range:				
Format:	Text (categorical values specified by S	TS)		
Data Source:	User	Parent Field:	Payor - Governm Insurance	ent Health
ACCField:	Mapped - Definition only	ParentShortN	ame: PayorGov	
		ParentValue:	= "Yes"	
	Payor - Government Health Insurance PayorGovIHS	Indian Health S	ervice	SeqNo: 252 Core: Yes Harvest: Yes
Short Name: P Definition: Indic inclu	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes			Core: Yes Harvest: Yes
Short Name: P Definition: Indic inclu Harvest Coding:	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes 2 = No			Core: Yes Harvest: Yes
Short Name: P Definition: Indic inclu Harvest Coding: Valid Data:	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes			Core: Yes Harvest: Yes
Short Name: P Definition: Indic inclu Harvest Coding: Valid Data: Usual Range:	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes 2 = No	ed by the patient		Core: Yes Harvest: Yes
Short Name: P Definition: Indic inclu Harvest Coding: Valid Data: Usual Range: Format:	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes 2 = No Yes; No	ed by the patient		<i>Core:</i> Yes <i>Harvest:</i> Yes I of this admission
Short Name: P Definition: Indic inclu Harvest Coding:	PayorGovIHS cate whether the government insurance us ided Indian Health Service. 1 = Yes 2 = No Yes; No Text (categorical values specified by S	red by the patient TS) Parent Field:	to pay for part or al Payor - Governm	<i>Core:</i> Yes <i>Harvest:</i> Yes I of this admission

Short Name:

PayorCom

SeqNo: 254 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 = NoValid Data: Yes; No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: User 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

0	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: P	ayor - Non-U.S. Insurance	SeqNo: 256
Short Name: Pa	ayorNonUS	Core: Yes
		Harvest: Yes
	ate whether any non-U.S. insurance ssion.	was used by the patient to pay for part or all of this
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified l	by STS)
Data Source:	User	Parent Field:
ACCField:	Mapped - Definition only	ParentShortName:
		ParentValue:
Field Name: P	ayor - None / Self	SeqNo: 257
Short Name: Pa	ayorNS	Core: Yes
		Harvest: Yes
indiv	iduals with no or limited health insu y. Only mark "None" when "self" or	by the patient to pay for this admission. None refers to rance; thus, the individual is the payor regardless of ability "none" is denoted as the first insurance in the medical
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:

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Field Name:	Date of Admission		SeqNo: 260
Short Name:	AdmitDt		Core: Yes
			Harvest: Yes
	dicate the Date of Admission. For the admission of the ad		
Harvest Codin	g:		
Valid Data:	(Between DOB and system date	e)	
Usual Range:	(Within 1 year before system da	ate)	
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition and coding	g ParentShortName:	
		ParentValue:	
Field Name:	Date of Surgery		SeqNo: 270
Short Name:	SurgDt		Core: Yes
	-		Harvest: Yes
Definition: In	dicate the date of surgery (the date the	he patient enters the operating room	m).
Harvest Codin	g:		
Valid Data:	(Between Admission and syster	n date)	
Usual Range:	(Within 1 year before system da	ate)	
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Date of Discharge		<i>SeqNo:</i> 280
Short Name:	DischDt		Core: Yes
			Harvest: Yes
	dicate the date the patient was discharge by the date is the date		e). If the patient died in the
Harvest Codin	g:		
Valid Data:	(Between Surgery and system d	ate)	
Usual Range:	(Within 1 year before system da	ate)	
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition and coding	g ParentShortName:	
		ParentValue:	
Field Name:	ICU Visit		SeqNo: 300
Short Name:	ICUVisit		Core: Yes
			Harvest: Yes

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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 ST	S)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: In	nitial ICU hours	SeqNo: 310
Short Name: IO	CUInHrs	Core: Yes
		Harvest: Yes
surge	1	ed ICU level of care immediately following the initial f ICU. Include ICU unit, post-anesthesia recovery,

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
		<i>ParentValue:</i> = "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)

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Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Additional ICU Hours		SeqNo: 330
Short Name:	ICUAdHrs		Core: Yes
			Harvest: Yes
	icate the number of additional horge stay units.	urs spent in the ICU, or at the equival	ent higher level of care in
Harvest Coding.			
Valid Data:	0.1 - 5000.0		
Usual Range:	1.0 - 100.0		
Format:	Real		
Data Source:	User	Parent Field: Readmiss	sion to ICU
ACCField:	Not mapped	ParentShortName: ICU	Readm
		<i>ParentValue:</i> = "Yes"	
Field Name:	Total Hrs ICU		SeqNo: 340
Short Name:	TotHrICU		Core: Yes
			Harvest: Yes
if th		est operation for which the patient wa g the initial surgery. Enter zero (0) i 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:	

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	veight (kg)		a
Short Name: W			SeqNo: 350
	leightKg		Core: Yes
			Harvest: Yes
Definition: Indica	ate the weight of the patient in kilogram	ns 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: H	eight (cm)		SeqNo: 360
	eightCm		Core: Yes
			Harvest: Yes
Definition: Indica	ate the height of the patient in centimete	ers.	
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: R I	F-Smoker		SeqNo: 370
Short Name: Sr	noker		Core: No
			Harvest: No
	ate whether the patient has history conf tobacco chew, etc.).	irming any form of tobacco use i	n the past (cigarettes,
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by S	STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	

STS Adult Cardiac Data Specifications August 24, 2007 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 = Yes2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Parent Field: RF-Smoker Data Source: User Not mapped ACCField: 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 = Yes2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: User ACCField: Mapped - Definition and coding ParentShortName: ParentValue: _____ SeqNo: 390 Field Name: **RF-Family History CAD** FHCAD Core: Yes Short Name: 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 = Yes2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: User

ParentShortName:

ACCField:

Not mapped

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		ParentValue:	
Field Name:	RF-Last Hematocrit		SeqNo: 391
Short Name:	Hct		Core: Yes
			Harvest: Yes
D <i>efinition:</i> In	dicate the pre-operative Hematocrit level	at the date and time closest to sur	rgery.
Harvest Codin	g:		
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
Valid Data: Usual Range: Format:	0.1 - 50.0 4.0 - 15.0 Real		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Tield Name:	RF-Diabetes		SeqNo: 400
Short Name:	Diabetes		Core: Yes
			Harvest: Yes
	dicate whether the patient has a history o nti-diabetic agents. Includes on admission abetes.	-	
di	g: $1 = Yes$ 2 = No		
di Iarvest Codin			
di Harvest Codin /alid Data:	2 = No		
di Harvest Codin Valid Data: Usual Range:	2 = No	y STS)	
di Harvest Codin Valid Data: Usual Range: Format:	2 = No Yes; No	y STS) Parent Field:	
	2 = No Yes; No Text (categorical values specified by		

Format:

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Field Name:	RF-Diabetes-Control	SeqNo: 410
Short Name:	DiabCtrl	Core: Yes
		Harvest: Yes
Definitions	Indicate the method of dishetic control	Code the control method notions presented with on

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 = Diet3 = Oral4 = Insulin5 = OtherValid Data: None; Diet; Oral; Insulin; Other Usual Range:

Data Source:	User	Parent Field: RF-Diabetes
ACCField:	Mapped - Definition and coding	ParentShortName: Diabetes
		<i>ParentValue:</i> = "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.

Text (categorical values specified by STS)

Harvest Codin	ng:	
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
Definitions In	diants if the nationt has a prior hi	story of dualinidamia discussed

<i>Definition:</i>	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.

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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 S	Text (categorical values specified by STS)	
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition only	ParentShortName:	
		ParentValue:	
Field Name: I	Dyslipidemia	SeqNo: 421	
	Dyslip	Core: Yes	
		Harvest: Yes	
per 1 1 Te 2. L	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o	r	
per 1 1 Te 2. L 3. H Note know	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I	criteria can include documentation of: or	
per 1 1 Te 2. L 3. H Note know qual	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes".	criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with	
per 1 1 Te 2. L 3. H Note know qual	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes	criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with	
per 1 1 Ta 2. L 3. H Note know qual <i>Harvest Coding:</i>	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes $2 = No$	criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with	
per 1 1 Tc 2. L 3. H Note knov qual Harvest Coding: Valid Data: Usual Range:	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes $2 = No$	criteria can include documentation of: r r LDL was >100 mg/dl (2.59 mmole/l) in patients with antify as a "Yes". Any pharmacological treatment	
per 1 1 Tc 2. L 3. H Note knov qual Harvest Coding: Valid Data: Usual Range:	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, o .DL greater than or equal to 130 mg/dl, o IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes 2 = No Yes; No	criteria can include documentation of: r r LDL was >100 mg/dl (2.59 mmole/l) in patients with antify as a "Yes". Any pharmacological treatment	
per 1 1 Ta 2. L 3. H Note know qual Harvest Coding: Valid Data: Usual Range: Format:	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, of DL greater than or equal to 130 mg/dl, of IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes 2 = No Yes; No Text (categorical values specified by S	criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with antify as a "Yes". Any pharmacological treatment STS)	
per A 1 Ta 2. L 3. H Note know qual Harvest Coding: Valid Data: Usual Range: Format: Data Source:	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, of DL greater than or equal to 130 mg/dl, of IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes 2 = No Yes; No Text (categorical values specified by S User	criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with nantify as a "Yes". Any pharmacological treatment STS) Parent Field:	
per I 1 Ta 2. L 3. H Note know qual Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, of DL greater than or equal to 130 mg/dl, of IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes 2 = No Yes; No Text (categorical values specified by S User	criteria can include documentation of: or criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with nantify as a "Yes". Any pharmacological treatment STS) Parent Field: ParentShortName:	
per N 1 Tc 2. L 3. H Note know qual Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: H	National Cholesterol Education Program otal cholesterol greater than 200 mg/dl, of DL greater than or equal to 130 mg/dl, of IDL less than 40 mg/dl e: If treatment was initiated because the I wn coronary artery disease, this would qu ifies as a "Yes". 1 = Yes 2 = No Yes; No Text (categorical values specified by S User Mapped - Definition and coding	criteria can include documentation of: or criteria can include documentation of: or LDL was >100 mg/dl (2.59 mmole/l) in patients with nantify as a "Yes". Any pharmacological treatment STS) Parent Field: Parent Field: Parent ShortName: ParentValue:	

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:

STS Adult C	ardiac Data Specifications	August 24, 2007	Version 2.61
ACCField:	Not mapped	ParentShortName: ParentValue:	
Field Name: Short Name:	RF-Renal Fail RenFail		SeqNo: 440 Core: No Harvest: No
с	ndicate whether the patient has 1) a docum reatinine > 2.0 . Prior renal transplant patie ransplantation their creatinine has been or o	ents are not included as pre-op re	· · · ·
Harvest Codii	$ng: 1 = Yes \\ 2 = No$		
Valid Data: Usual Range:	Yes; No		
Format:	Text (categorical values specified by	STS)	
Data Source:	User	Parent Field:	
ACCField:	Mapped - Definition only	ParentShortName:	
		ParentValue:	
Field Name: Short Name:	RF-Renal Fail-Dialysis Dialysis		SeqNo: 450 Core: Yes Harvest: Yes
Definition: In	ndicate whether the patient is currently und	lergoing dialysis.	
Harvest Codir	$ng: 1 = Yes \\ 2 = No$		
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
a b w sj d	ndicate whether the patient has a diagnosis . Documented history of hypertension diag of Prior documentation of blood pressure >1 vithout diabetes or chronic kidney disease, ystolic or 80 mmHg diastolic on at least 2 d isease . Currently on pharmacologic therapy to co	nosed and treated with medicati 40 mmHg systolic or 90 mmHg or prior documentation of blood occasions for patients with diabe	on, diet and/or exercise g diastolic for patients pressure >130 mmHg
Harvest Codii	$ng: 1 = Yes \\ 2 = No$		
Valid Data:	Yes; No		

SegNo: 490

RF-Infect Endocard Field Name:

Format:

ACCField:

		1
Short Name:	InfEndo	Core: Yes
		Harvest: Yes
Definition In	dicate whether the nationt has a history of infection	ous endocarditis documented by one of the

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.

ACCField:

estat Range.	
Format:	Text (categorical values specified by STS)

Not mapped

	Tenn (eurogenteur varaes speethtee of 212	1
Data Source:	User	Parent Field:

ParentValue: Field Name: **RF-Infect Endocard Type** Short Name: InfEndTy

SeqNo: 500 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.

ParentShortName:

Harvest Coding:	1 = Treated 2 = Active	
Valid Data:	Treated; Active	
Usual Range:		
Format:	Text (categorical values specified by ST	S)
Data Source:	User	Parent Field: RF-Infect Endocard
ACCField:	Not mapped	ParentShortName: InfEndo
		<i>ParentValue:</i> = "Yes"
Field Name: I	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;

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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: F	F-Immunosuppressive Rx	SeqNo: 520
Short Name: In	nmSupp	Core: Yes
		Harvest: Yes
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by S	STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: F	F - Peripheral Arterial Disease	SeqNo: 530
Short Name: P	VD	Core: Yes
		Harvest: Yes
extre 1. C	mity, renal, mesenteric, and abdominal laudication, either with exertion or at re mputation for arterial vascular insufficie	est,

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 = Yes2 = No

STS Auult Caro	iac Data Specifications	August 24, 2007	Version 2.61
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
CV2 24 h	cate whether the patient has Cerebro-Va A (symptoms > 24 hrs after onset, presumes); Non-invasive carotid test with $> 79^{\circ}$ include neurological disease processes s	ned to be from vascular etiology % diameter occlusion.; or Prior of	y); TIA (recovery within carotid surgery. Does
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
	cate whether the patient has a history of owing:	cerebrovascular disease, docum	ented by any one of the
1. U and 2. C with	Inresponsive Coma greater than 24 hours no evidence of psychological or physiol erebrovascular Accident (CVA): Patient residual symptoms at least 72 hours aft eversible Ischemic Neurologic Deficit (ogically appropriate responses to has a history of stroke, i.e., loss er onset.	o stimulation. of neurological function
fund hou 4. T	rs. ransient Ischemic Attack (TIA): Patient	ter onset but with complete return has a history of loss of neurolog	n of function within 72
fund hou 4. T abru 5. N	rs.	ter onset but with complete return has a history of loss of neurolog function within 24 hours.	n of function within 72
fund hou 4. T abru 5. N 6. P	rs. ransient Ischemic Attack (TIA): Patient upt in onset but with complete return of f on-invasive/invasive carotid test with gr	ther onset but with complete return has a history of loss of neurolog function within 24 hours. reater than 75% occlusion.	n of function within 72
fund hou 4. T abru 5. N 6. P	rs. ransient Ischemic Attack (TIA): Patient upt in onset but with complete return of f fon-invasive/invasive carotid test with gr revious carotid artery surgery.	ther onset but with complete return has a history of loss of neurolog function within 24 hours. reater than 75% occlusion.	n of function within 72

SIS Adult Cardia	ac Data Specifications	August 24, 2007 Version
Usual Range:		
Format:	Text (categorical values specified by	STS)
Data Source:	User	Parent Field: RF-Cerebrovascular Dis
ACCField:	Not mapped	ParentShortName: CVD
		<i>ParentValue:</i> = "Yes"
Field Name: R	F-Coma	<i>SeqNo:</i> 551
Short Name: C	VDComa	Core: Yes
		Harvest: Yes
exper		Unresponsive Coma greater than 24 hours: Patient ness and no evidence of psychological or physiologica
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
		<i>ParentValue:</i> = "Yes"
Field Name: R	F-CVA	SeqNo: 552
Short Name: C	VA	Core: Yes
		Harvest: Yes
		stroke (i.e., any confirmed neurological deficit of abrood supply) that did not resolve within 24 hours.
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
	Text (categorical values specified by	STS)
-	User	Parent Field: RF-Cerebrovascular Dis
Format:	USEI	
Format: Data Source:	Mapped - Definition and coding	ParentShortName: CVD
Format: Data Source: ACCField:		ParentShortName: CVD ParentValue: = "Yes"
Format: Data Source: ACCField:		<i>ParentValue:</i> = "Yes"
Format: Data Source: ACCField: Field Name: R	Mapped - Definition and coding	

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.)

	diac Data Specifications	August 24, 2007	Version 2.
Valid Data:	Recent (<=2 wk.); Remote (>2	wk.)	
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: RF-CVA	
ACCField:	Not mapped	ParentShortName: CVA	
		<i>ParentValue:</i> = "Yes"	
Field Name:	RF-CVD RIND		SeqNo: 554
Short Name:	CVDRIND		Core: Yes
			Harvest: Yes
Pa	tient has a history of loss of neurole th complete return of function with	ory of a Reversible Ischemic Neurologic I ogical function with symptoms at least 24 in 72 hours.	
· · · ·	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: RF-Cerebrovas	cular Dis
ACCField:	Not mapped	ParentShortName: CVD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	RF-CVD TIA		SeqNo: 555
Short Name:	CVDTIA		Core: Yes
			Harvest: Yes
of		ory of a Transient Ischemic Attack (TIA): was abrupt in onset but with complete retur	
Harvest Coding	2 = No		
	2 = No Yes; No		
Valid Data:			
Valid Data: Usual Range:		ied by STS)	
Valid Data: Usual Range: Format:	Yes; No	ied by STS) Parent Field: RF-Cerebrovas	cular Dis
Valid Data: Usual Range: Format: Data Source:	Yes; No Text (categorical values specif	•	cular Dis
Harvest Codins Valid Data: Usual Range: Format: Data Source: ACCField:	Yes; No Text (categorical values specif User	Parent Field: RF-Cerebrovas	scular Dis
Valid Data: Usual Range: Format: Data Source: ACCField:	Yes; No Text (categorical values specif User Not mapped	Parent Field: RF-Cerebrovas ParentShortName: CVD	
Valid Data: Usual Range: Format: Data Source:	Yes; No Text (categorical values specif User	Parent Field: RF-Cerebrovas ParentShortName: CVD	scular Dis SeqNo: 556 Core: Yes

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

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	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: RF-Cerebrovascular Dis	
ACCField:	Not mapped	ParentShortName: CVD	
		ParentValue: = "Yes"	
Field Name:	RF-CVD Prior Carotid Surger	ry SeqNo: 5	57
Short Name:	CVDPCarSurg	Core: Y	es
		Harvest: Y	ſes
Definition: Inc	dicate whether the patient has a hi	istory of previous carotid artery surgery and/or stenting.	
Harvest Coding	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: RF-Cerebrovascular Dis	
ACCField:	Not mapped	ParentShortName: CVD	
		ParentValue: = "Yes"	
<u> </u>	E. Pre	evious CV Interventions	
Field Name:	Prev CV Intervent	SeqNo: 5	
Short Name:	PrCVInt	Core: Y	
		Harvest: Y	
or		lergone any previous cardiovascular intervention, either su those done during the current admission. This may include	
Harvest Coding	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
vana Daia.			
Usual Range:		ified by STS)	
Usual Range:	Text (categorical values spec	1100 0y 010)	
	Text (categorical values spec User	Parent Field:	
Usual Range: Format:			
Usual Range: Format: Data Source: ACCField:	User	Parent Field: ParentShortName: ParentValue:	
Usual Range: Format: Data Source: ACCField:	User Not mapped	Parent Field: ParentShortName: ParentValue:	
Usual Range: Format: Data Source: ACCField:	User Not mapped	Parent Field: ParentShortName: ParentValue:	

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

STS Adult Cardia	ac Data Specifications	August 24, 2007	Version 2.61
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 Interven	t
ACCField:	Mapped - Definition and coding	ParentShortName: PrCVInt	
		<i>ParentValue:</i> = "Yes"	
Field Name: P	rev Valve		SeqNo: 610
Short Name: Pr	rValve		Core: Yes
			Harvest: Yes
	ate whether the patient had a previous . This may also include percutaneous	surgical replacement and/or surgical re valve procedures.	pair of a cardiac
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 Interven	t
ACCField:	Mapped - Definition and coding	ParentShortName: PrCVInt	

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	g: $1 = Yes$ 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical value	es specified by STS)
Data Source:	User	Parent Field: Prev CV Intervent
ACCField:	Not mapped	ParentShortName: PrCVInt
		ParentValue: = "Yes"
Field Name: Short Name:	Prev Oth Congenital PrOthCongen	SeqNo: 621 Core: 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 = Yes2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent Field: Prev CV Intervent ACCField: ParentShortName: PrCVInt Not mapped ParentValue: = "Yes" SeqNo: 630 *Field Name:* Prev Oth Card-AICD 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 = NoValid Data: Yes; No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: Prev CV Intervent User ACCField: ParentShortName: PrCVInt Not mapped 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 = NoValid 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"

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Field Name:Prev Oth Card-Pacemaker-TypeSeqNo: 650Short Name:POCPaceTCore: NoHarvest:No

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

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R R	rentricular: the right ventricle is p ight atria only paced = single cha ight ventricle only paced = single ight ventricle and right atria pace	e chamber pacing	ricle being paced.
Bive (CR)	-	ventricles are paced = Cardiac Resynchron	ization Therapy
Harvest Coding:	1 = Biventricular 2 = Univentricular		
Valid Data:	Biventricular; Univentricular		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: Prev Oth Card-	Pacemaker
ACCField:	Not mapped	ParentShortName: PrOCPace	
		ParentValue: = "Yes"	
			<i>a y zza</i>
	Prev Oth Card-PCI		SeqNo: 660
Short Name: F	OCPCI		Core: Yes Harvest: Yes
3. D 4. E 5. La	otational Atherectomy irectional Atherectomy straction Atherectomy aser Atherectomy tracoronary Stent Placement		
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: Prev CV Interv	vent
ACCField:	Not mapped	ParentShortName: PrCVInt	
		<i>ParentValue:</i> = "Yes"	
	Prev Oth Card-PCI-Stent		<i>SeqNo:</i> 661
	POCPCISt		Core: Yes
1			Harvest: Yes
	cate whether an intracoronary ster vention (PCI).	nt was used during the previous Percutaneo	
Harvest Coding:	1 = Yes 2 = No		

2 = No

STS Adult Card	iac Data Specifications	August 24, 2007	Version 2.6
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by	y STS)	
Data Source:	User	Parent Field: Prev Oth Card-PCI	
ACCField:	Not mapped	ParentShortName: POCPCI	
		<i>ParentValue:</i> = "Yes"	
Field Name: I	Prev Oth Card-PCI-Stent Type	Seql	Vo: 663
	POCPCIStTy	-	ore: Yes
		Harv	est: Yes
Definition: Indi	cate type of intracoronary stent placed.		
Harvest Coding:			
	2 = Drug-eluting 3 = Unknown		
Valid Date		-	
Valid Data: Usual Range:	Bare metal ; Drug-eluting; Unknow	1	
Usual Range: Format:	Taxt (antogorical values specified b	· S TS)	
	Text (categorical values specified by		
Data Source:	User	Parent Field: Prev Oth Card-PCI-Ster	nt
ACCField:	Not mapped	ParentShortName: POCPCISt ParentValue: = "Yes"	
Field Name: I	Prev Oth Card-PCI-Interval	Seqi	No: 670
Short Name: I	POCPCIIn	Ca	ore: Yes
		Harv	est: Yes
Definition: Indi	cate the interval of time between the pr	evious PCI and the current surgical procedure	2.
Harvest Coding:	1 = <= 6 Hours 2 = > 6 Hours		
Valid Data:	<= 6 Hours; > 6 Hours		
Usual Range:			
Format:	Text (categorical values specified by	y STS)	
Data Source:	User	Parent Field: Prev Oth Card-PCI	
ACCField:	Not mapped	ParentShortName: POCPCI	
	- · •••••••••••••••••••••••••••••••	ParentValue: = "Yes"	
Field Name: I	Prev Oth Card-Other	Seq1	No: 671
Short Name: I	POCO		ore: Yes
		77	est: Yes

E. Previous CV Interventions

Valid Data:

Yes; No

Not mapped

Text (categorical values specified by STS)

Usual Range:

Format:

Data Source: User

ACCField:

Parent Field: Prev CV Intervent	
ParentShortName: PrCVInt	
<i>ParentValue:</i> = "Yes"	

	F.	Preoperative Cardiac Status		
Field Name: N	11	SeqNo: 750		
Short Name: N	4I	Core: No		
		Harvest: No		
Definition: Indic	ate whether the patient has	s a history of an MI.		
For I	MI occurrence prior to curr	rent hospitalization, one of the following is necessary:		
1.]	MI documented in the med OR	lical record.		
	EKG Documented Q wave	e. Q waves to be 0.03 seconds in width and/or $>$ or $=$ one third in two or more contiguous leads.		
For M	MI occurrence during curre	ent hospitalization, two of the following three criteria are necessary		
	Ischemic symptoms may in			
	b) unexplained nausea a	n, wrist or jaw discomfort with exertion or at rest; and vomiting:		
	c) persistent shortness c	of breath secondary to left ventricular failure;		
	d) unexplained weaknes	ss, dizziness, lightheadedness, diaphoresis or syncope.		
2.]	Enzyme level elevation. C a) CK-MB:	One of the following four are necessary:		
		CK-MB > 2 x the upper limit of normal on one occasion during the index clinical event		
		CK-MB, preferable CK-MB mass, > upper limit of normal on two		
	b) CK > $2x$ the upper li	mit of normal;		
	 c) LDH subtype 1 > LD d) Maximal concentration 	DH subtype 2; on of troponin T or I > the MI decision limit on at least		
		the first 24 hours after the index clinical event.		
3. :	Serial ECG (at least two) s	howing changes from baseline or serially in ST-T.		
Harvest Coding:	1 = Yes 2 = No			
Valid Data:	Yes; No			
Usual Range:				
Format:	Text (categorical values	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 nonischemic 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	$\begin{array}{ll} \therefore & 1 = \mathrm{Yes} \\ & 2 = \mathrm{No} \end{array}$			
Valid Data:	Yes; No			
Usual Range:				
Format:	Text (categorical values specified by ST	S)		
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

STS Adult Car	diac Data Specifications	August 24, 2007	Version 2.6
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Previous MI	
ACCField:	Not mapped	ParentShortName: PrevMI	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Heart Failure		SeqNo: 770
Short Name:	CHF		Core: Yes
			Harvest: Yes
2. 1 3. (4. 1 5. 1	-	heart failure; onary congestion;	nistory of heart
fai Harvest Coding	lure. 2 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:	_ •0, •		
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
	Classification-NYHA		SeqNo: 775
Field Name: Short Name:	Classification-NYHA ClassNYH		SeqNo: 775 Core: 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

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 ST	S)	
Data Source:	User	Parent Field: Heart Failure	
ACCField:	Not mapped	ParentShortName: CHF	
		<i>ParentValue:</i> = "Yes"	
Field Name: A	ngina	SeqNo: 7	80
Short Name: A	ngina	Core: N	No
		Harvest: N	lo
Definition: Indic	ate whether the patient has ever had angin	a pectoris.	
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by ST	S)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: A	ngina-Type	SeqNo: 7	90
Short Name: A	ngType	Core: N	No
		Harvest: N	lo
Stabl free Unst thera may Hear NYH	with or without medication but with a histo able = Angina which necessitates the initia pies that may include: nitroglycerin drip, h include, but is not limited to: rest angina, n t Association (NYHA) Class III in severity	or transcutaneous medication . Patients that are	l Ingina rk one
Harvest Coding:	1 = Stable 2 = Unstable		
Valid Data:	Stable; Unstable		
Usual Range:			

STS Adult Ca	ardiac Data Specifications	August 24, 2007	Version 2.61
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Angina	
ACCField:	Not mapped	ParentShortName: Angina	
		ParentValue: = "Yes"	
Field Name:	Cardiac Presentation on Admis	sion	SeqNo: 791
Short Name:	CardPres		Core: 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)

Harvest: Yes

	iac Data Specifications	August 24, 2007	Version 2.61
	6 = ST Elevation MI (STEMI)		
Valid Data:	No Symptoms or Angina; Symptoms Angina; Non-ST Elevation MI (Non-	•	
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: 0	CarShock		Core: Yes
			Harvest: Yes
susta 1. S <u>-</u> 2. Г	cate whether the patient was, at the time ained for greater than 30 minutes, accor ystolic BP < 80 and/or Cardiac Index < V inotropes and/or IABP necessary to m	ding to either of the following criter 1.8 despite maximal treatment;	a:
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:	
ACCField:	Not mapped	ParentShortName: ParentValue:	
	Not mapped Cardiogenic Shock Type		SeqNo: 820
Field Name: (<i>SeqNo:</i> 820 <i>Core:</i> No
	Cardiogenic Shock Type		*
Field Name: (Short Name: (Definition: Indie Refr	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and	ParentValue: diogenic shock is present? Select on Cardiac Index < 1.8 despite maxima	<i>Core:</i> No <i>Harvest:</i> No e: l treatment
Field Name: (Short Name: (Definition: India Refr Hen	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8.	ParentValue: diogenic shock is present? Select on Cardiac Index < 1.8 despite maxima	<i>Core:</i> No <i>Harvest:</i> No e: l treatment
Field Name: (Short Name: (Definition: India Refr Hen > 1.3	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock	ParentValue: rdiogenic shock is present? Select on Cardiac Index < 1.8 despite maxima l/or IABP necessary to maintain Sys	<i>Core:</i> No <i>Harvest:</i> No e: l treatment
Field Name: (Short Name: (Definition: India Refr Hem > 1.3 Harvest Coding: Valid Data: Usual Range:	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability	ParentValue: diogenic shock is present? Select on Cardiac Index < 1.8 despite maxima d/or IABP necessary to maintain Syst	<i>Core:</i> No <i>Harvest:</i> No e: l treatment
Field Name: (Short Name: (Definition: India Refr Hem > 1.3 Harvest Coding: Valid Data: Usual Range: Format:	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability Refractory Shock; Hemodynamic Inst	ParentValue: rdiogenic shock is present? Select on Cardiac Index < 1.8 despite maxima d/or IABP necessary to maintain Syst	<i>Core:</i> No <i>Harvest:</i> No e: l treatment tolic BP > 80 and CI
Field Name: (Short Name: (Definition: India Refr Hen > 1.3 Harvest Coding: Valid Data: Usual Range: Format: Data Source:	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability Refractory Shock; Hemodynamic Ins Text (categorical values specified by User	ParentValue: diogenic shock is present? Select on Cardiac Index < 1.8 despite maxima l/or IABP necessary to maintain Sys stability STS) Parent Field: STS Cardiogen	<i>Core:</i> No <i>Harvest:</i> No e: l treatment tolic BP > 80 and CI
Field Name: (Short Name: (Definition: India Refr Hem > 1.3 Harvest Coding: Valid Data: Usual Range: Format:	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability Refractory Shock; Hemodynamic Instability Text (categorical values specified by	ParentValue: rdiogenic shock is present? Select on Cardiac Index < 1.8 despite maxima d/or IABP necessary to maintain Syst	<i>Core:</i> No <i>Harvest:</i> No e: l treatment tolic BP > 80 and CI
Field Name: (Short Name: (Definition: India Refr Hem > 1.3 Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability Refractory Shock; Hemodynamic Ins Text (categorical values specified by User Not mapped	ParentValue: rdiogenic shock is present? Select on Cardiac Index < 1.8 despite maxima d/or IABP necessary to maintain Sys stability STS) Parent Field: STS Cardiogen ParentShortName: CarShock	<i>Core:</i> No <i>Harvest:</i> No e: l treatment tolic BP > 80 and CI ic Shock
Field Name: (Short Name: (Definition: India Refr Hen > 1.3 Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: 1	Cardiogenic Shock Type CarShTyp cate which of the following types of car ractory Shock: Systolic BP < 80 and/or nodynamic Instability: IV inotropes and 8. 1 = Refractory Shock 2 = Hemodynamic Instability Refractory Shock; Hemodynamic Ins Text (categorical values specified by User	ParentValue: rdiogenic shock is present? Select on Cardiac Index < 1.8 despite maxima d/or IABP necessary to maintain Sys stability STS) Parent Field: STS Cardiogen ParentShortName: CarShock	<i>Core:</i> No <i>Harvest:</i> No e: l treatment tolic BP > 80 and CI

Definition: Indicate whether the patient required cardiopulmonary resuscitation within one hour before the start of the operative procedure. 1 = YesHarvest Coding: 2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: User ParentShortName: ACCField: Not mapped *ParentValue:* Field Name: Arrhythmia SeqNo: 840 Core: Yes Short Name: Arrhyth 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 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: User 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 Block3 = AFib/Flutter9 = NoneValid Data: Sust VT/VF; Heart Block; AFib/Flutter; None Usual Range:

	ac Data Specifications	August 24, 2007	Version 2.61
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: Arrhythmia	
ACCField:	Not mapped	ParentShortName: Arrhyth	
		ParentValue: = "Yes"	
Field Name: A	Arrhythmia Type-Vtach/Vfib		SeqNo: 851
Short Name: A	ArrhyVtach		Core: Yes
			Harvest: Yes
	eate whether sustained ventricul	lar tachycardia or fibrillation is present within	n two weeks of the
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: Arrhythmia	
ACCField:	Not mapped	ParentShortName: Arrhyth	
		<i>ParentValue:</i> = "Yes"	
Field Name: A	Arrhythmia Type-3rdHB		SeqNo: 852
Short Name: A	ArrhyTHB		Core: Yes
	5		<i>core.</i> 1 <i>cs</i>
	,		Harvest: Yes
Definition: Indic		block is present within two weeks of the proc	Harvest: Yes
-	ate whether third degree heart	block is present within two weeks of the proc	Harvest: Yes
Harvest Coding:	the third degree heart $1 = Yes$	block is present within two weeks of the proc	Harvest: Yes
Harvest Coding: /alid Data:	the exact whether third degree heart $1 = Yes$ 2 = No	block is present within two weeks of the proc	Harvest: Yes
Harvest Coding: Valid Data: Usual Range:	the exact whether third degree heart $1 = Yes$ 2 = No		Harvest: Yes
Harvest Coding: Valid Data: Usual Range: Format:	the cate whether third degree heart $1 = Yes$ 2 = No Yes; No		Harvest: Yes
Harvest Coding: Valid Data: Usual Range: Format: Data Source:	tate whether third degree heart is 1 = Yes 2 = No Yes; No Text (categorical values spec	ified by STS)	Harvest: Yes
Harvest Coding: Valid Data: Jsual Range: Format: Data Source: ACCField:	tate whether third degree heart to 1 = Yes 2 = No Yes; No Text (categorical values spec User	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes"	<i>Harvest:</i> Yes
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	tate whether third degree heart is 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes"	<i>Harvest:</i> Yes
Harvest Coding: Valid Data: Vsual Range: Format: Data Source: ACCField: Field Name: A	cate whether third degree heart is 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes"	<i>Harvest:</i> Yes
Harvest Coding: Valid Data: Vsual Range: Format: Data Source: ACCField: Field Name: A	cate whether third degree heart f 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped Arrhythmia Type-Afib/Aflutte	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes"	Harvest: Yes redure. SeqNo: 853
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: A Short Name: A	eate whether third degree heart f 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped Arrhythmia Type-Afib/Aflutte ArrhyAfib	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes"	Harvest: Yes redure. SeqNo: 853 Core: Yes Harvest: Yes
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: A Short Name: A	eate whether third degree heart f 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped Arrhythmia Type-Afib/Aflutte ArrhyAfib	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes" Pr	Harvest: Yes redure. SeqNo: 853 Core: Yes Harvest: Yes
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: A Short Name: A Definition: Indic	<pre>cate whether third degree heart 1 1 = Yes 2 = No Yes; No Text (categorical values spec User Not mapped Arrhythmia Type-Afib/Aflutte ArrhyAfib cate whether atrial fibrillation of 1 = Yes</pre>	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes" Pr	Harvest: Yes bedure. SeqNo: 853 Core: Yes Harvest: Yes
Harvest Coding: Valid Data: Jsual Range: Format: Data Source: ACCField: Field Name: A Schort Name: A Definition: Indic Harvest Coding:	eate whether third degree heart 1 1 = Yes 2 = No Yes; No Text (categorical values spector User Not mapped Arrhythmia Type-Afib/Aflutter ArrhyAfib eate whether atrial fibrillation of 1 = Yes 2 = No	ified by STS) Parent Field: Arrhythmia ParentShortName: Arrhyth ParentValue: = "Yes" Pr	Harvest: Yes redure. SeqNo: 853 Core: Yes Harvest: Yes

or o / tout out	diac Data Specifications	August 24, 2007	Version 2.6
Data Source:	User	Parent Field: Arrhythmia	
ACCField:	Not mapped	ParentShortName: Arrhyth	
		<i>ParentValue:</i> = "Yes"	
	G. Pr	eoperative Medications	
Field Name:	Meds-Beta Blockers		SeqNo: 890
Short Name:	MedBeta		Core: Yes
			Harvest: Yes
bet	ta blocker was contraindicated or	eceived beta blockers within 24 hours pre not indicated. The contraindication must practitioner, or physician assistant.	
Harvest Coding	2: 1 = Yes 2 = No 3 = Contraindicated / Not Ind	icated	
Valid Data:	Yes; No; Contraindicated / N	ot Indicated	
Usual Range:			
Format:	Text (categorical values speci	fied 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
if A	ACE or ARB Inhibitor was contra	ACE or ARB Inhibitors within 24 hours indicated or not indicated. The contrained y a physician, nurse practitioner, or physi	lication must be
Harvest Coding	2: 1 = Yes 2 = No 3 = Contraindicated / Not Ind	icated	
Valid Data: Usual Range:	Yes; No; Contraindicated / No	ot Indicated	
0	Text (categorical values speci	fied by STS)	
-	Lasa	Parent Field:	
Format:	User		
Format: Data Source:	Not mapped	ParentShortName:	
Format: Data Source:		ParentValue:	
Format: Data Source: ACCField:	Not mapped	ParentValue:	SeqNo: 910
Format: Data Source: ACCField: Field Name: Short Name:	Not mapped	ParentValue:	SeqNo: 910 Core: 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.

Field Name: N	/leds-Coumadin		SeqNo: 950
		<i>ParentValue:</i> = "Yes"	
ACCField:	Not mapped	ParentShortName: Med.	ACoag
Data Source:	User	Parent Field: Meds-An	ticoagulants
Format:	Text (categorical values speci	fied by STS)	
Usual Range:			
Valid Data:	Heparin (Unfractionated); He	parin (Low Molecular); Thrombin Inh	nibitors; Other
Harvest Coding:	 1 = Heparin (Unfractionated) 2 = Heparin (Low Molecular) 3 = Thrombin Inhibitors 9 = Other 		
Definition: Indic surge		ubq anticoagulant the patient received	within 48 hours preceding
			Harvest: Yes
	IedACMN		Core: Yes
Field Name: N	/leds-Anticoagulants-Medicati	on Name	SeqNo: 940
		ParentValue:	
ACCField:	Not mapped	ParentShortName:	
Data Source:	User	Parent Field:	
Format:	Text (categorical values speci	fied by STS)	
Usual Range:			
Valid Data:	3 = Contraindicated / Not Ind Yes; No; Contraindicated / No		
Harvest Coding:	1 = Yes 2 = No		
surge the n	ery, or if it was contraindicated	IV and/or subq anticoagulants withir or not indicated. The contraindication urse practitioner, or physician assistan time boluses of Heparin.	n must be documented in
			Harvest: Yes
Short Name: N	/IedACoag		Core: Yes
Field Name: N	/leds-Anticoagulants		SeqNo: 930
		ParentValue:	
ACCField:	Not mapped	ParentShortName:	
Data Source:	User	Parent Field:	
Format:	Text (categorical values speci	fied by STS)	
Usual Range:		st indicated	
Valid Data:	3 = Contraindicated / Not Ind Yes; No; Contraindicated / No		
Harvest Coding:	1 = Yes 2 = No		
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Short Name: N	IedCoum		Core: Yes
		На	rvest: Yes
contr		lin within 24 hours preceding surgery, or ndication must be documented in the mec ssistant.	
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indicat	ed	
Usual Range:			
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: N	1eds-Inotropes	Se	eqNo: 970
	IedInotr		Core: Yes
		Ha	rvest: Yes
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indicat	ed	
Usual Range:	Terret (ante anni and anna hann anna ifin d han G	TC	
Format:	Text (categorical values specified by S		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName: ParentValue:	
		1 with 1 wint.	
	Ieds-Steroids	Se	eqNo: 980
Short Name: N	IedSter		Core: Yes
		На	rvest: Yes
contr a phy to pro	raindicated or not indicated. The contrain raindicated or not indicated. The contrain raindicated or not indicated or physician a ophylaxis therapy (i.e. IV dye exposure f	ds within 24 hours of surgery, or if it was indication must be documented in the med ssistant. This does not include a one time for cath procedure or surgery pre-induction this category (i.e., nasal sprays, topical of	lical record by e dose related on period).
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data		ad	
Valid Data:	Yes; No; Contraindicated / Not Indicat	ea	

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Usual Range:

Format:

Text (categorical values specified by STS)

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Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: N	Ieds-Aspirin		SeqNo: 990
	IedASA		Core: Yes
			Harvest: Yes
it wa	ate whether or not the patient received A s contraindicated or not indicated. The c d by a physician, nurse practitioner, or p	ontraindication must be document	
Harvest Coding:	1 = Yes 2 = No		
	3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indicated	ed	
Usual Range:			
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: N	Ieds-Lipid Lowering		SeqNo: 1000
	IedLipid		Core: Yes
	1		Harvest: Yes
surge	ate whether or not the patient received liery, or if it was contraindicated or not inducted arecord by a physician, nurse prace	licated. The contraindication must	
Harvest Coding:	1 = Yes		
	2 = No 3 = Contraindicated / Not Indicated		
Valid Data: Usual Papas:	Yes; No; Contraindicated / Not Indicated	ed	
Usual Range: Format:	Taxt (astagorical values specified by S	TC)	
	Text (categorical values specified by S		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: N	leds-Lipid Lowering-Medication Nam	e	SeqNo: 1010
Short Name: N	IedLipMN		Core: Yes
			Harvest: Yes
Definition: Indic	ate the type of lipid lowering medication	the patient received within 24 ho	urs preceding surgery.
Harvest Coding:	1 = Statin 2 = Non-statin 3 = Both		

Valid Data:

Statin; Non-statin; Both

Usual Range:			
F			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Meds-Lipid Lower	ing
ACCField:	Not mapped	ParentShortName: MedLipid	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Meds-ADP Inhibitors		SeqNo: 1020
Short Name:	MedADPI		Core: No
		i i i i i i i i i i i i i i i i i i i	Harvest: No
Definition: In	dicate whether the patient has rece	vived ADP Inhibitors within 24 hours preceding	surgery.
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Meds-ADP Inhibitors Within F		SeqNo: 1021
Short Name:	MedADP5Days		Core: Yes
			Harvest: Yes
D <i>efinition:</i> In w	dicate whether the patient has rece	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the	<i>Harvest:</i> Yes urgery, or if it
D <i>efinition:</i> In w	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the physician assistant.	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the physician assistant.	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin Valid Data:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the physician assistant.	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin Valid Data: Usual Range:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the physician assistant. icated ot Indicated	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin Valid Data: Usual Range: Format:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci	eived ADP Inhibitors within 5 days preceding su . The contraindication must be documented in the physician assistant. icated ot Indicated	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) <i>Parent Field:</i>	<i>Harvest:</i> Yes urgery, or if it
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue:	<i>Harvest:</i> Yes irgery, or if it he medical recor
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue:	<i>Harvest:</i> Yes irgery, or if it he medical recor
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	dicate whether the patient has rece as contraindicated or not indicated of a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi- Yes; No; Contraindicated / Not Text (categorical values speci- User Not mapped Meds-ADP Inhibitors Discontin	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue:	Harvest: Yes Irgery, or if it he medical recor SeqNo: 1022
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue: nuation	Harvest: Yes Irgery, or if it he medical recor SeqNo: 1022 Core: Yes
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped Meds-ADP Inhibitors Discontin MedADPIDis	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue: nuation	Harvest: Yes Irgery, or if it he medical recon SeqNo: 1022 Core: Yes Harvest: Yes
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped Meds-ADP Inhibitors Discontin MedADPIDis	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue: nuation	Harvest: Yes Irgery, or if it he medical recon SeqNo: 1022 Core: Yes Harvest: Yes
Definition: In w by Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	dicate whether the patient has rece as contraindicated or not indicated y a physician, nurse practitioner, or g: 1 = Yes 2 = No 3 = Contraindicated / Not Indi Yes; No; Contraindicated / Not Text (categorical values speci User Not mapped Meds-ADP Inhibitors Discontin MedADPIDis dicate the number of days prior to purs, enter "0".	eived ADP Inhibitors within 5 days preceding su The contraindication must be documented in the physician assistant. icated ot Indicated ified by STS) Parent Field: ParentShortName: ParentValue: nuation	Harvest: Yes Irgery, or if it he medical recor SeqNo: 1022 Core: Yes Harvest: Yes

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Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field:	Meds-ADP Inhibitors Within Five Days
ACCField:	Not mapped	ParentShortNa	me: MedADP5Days
		ParentValue:	= "Yes"
Field Name:	Meds - Antiplatelets Within 5 Days		SeqNo: 1023
Short Name:	MedAplt5Days		Core: Yes
			Harvest: Yes
cont	cate whether the patient has received Anti traindicated or not indicated. The contrain sysician, nurse practitioner, or physician as	dication must be d	
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indicat	ed	
Vana Data. Usual Range:	105, 110, Contamulated / 110t indicat	~~	
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortNa	ıme:
		ParentValue:	
	Meds-Glycoprotein IIbIIIa Inhibitor		SeqNo: 1030
	MedGP		Core: Yes
			Harvest: Yes
surg	cate whether the patient received Glycopr gery, or if it was contraindicated or not ind medical record by a physician, nurse pract	licated. The contra	aindication must be documented in
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indicat	ed	
Usual Range:			
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortNa	ime:
		ParentValue:	
Field Name:]	Meds-Glycoprotein IIbIIIa Inhibitor-M	edication Name	SeqNo: 1040
	Meds-Glycoprotein IIbIIIa Inhibitor-M MedGPMN	edication Name	SeqNo: 1040 Core: Yes

preceding surgery.

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Harvest Coding:	1 = Abciximab (ReoPro) 2 = Eptifibatied (Integrilin) 3 = Tirofiban (Aggrastat)		
Valid Data:	Abciximab (ReoPro); Eptifibat	ied (Integrilin); Tirofiban (Aggrastat)
Usual Range:			
Format:	Text (categorical values specif	ed by STS)	
Data Source:	User	Parent Field: Meds-Gl	ycoprotein IIbIIIa Inhibitor
ACCField:	Not mapped	ParentShortName: Med	GP
		<i>ParentValue:</i> = "Yes"	
	H. He	modynamics & Cath	
Field Name: N	Num Dis Vessels		SeqNo: 1050
Short Name: N	JumDisV		Core: Yes
			Harvest: Yes
	-	r native coronary vessel systems: LA 50% narrowing of any vessel preope	-
inclu Selec None One Two Thre	tide a Ramus Intermedius). For ex ct from the following: e (no significant coronary obstruc	counted as TWO vessels (LAD and ample, left main and RCA would co tive disease)	
Harvest Coding:	1 = None 2 = One 3 = Two 4 = Three		
Valid Data:	None; One; Two; Three		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: I	.eft Main Dis >= 50%		SeqNo: 1060
Short Name: L	MainDis		Core: Yes
			Harvest: Yes
	-	Main Coronary Disease. Left Main Omise of vessel diameter preoperative	•
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			

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Format:	Text (categorical values spec	ified 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: Indi	icate whether the Ejection Fracti	on was measured prior to the induction o	f anesthesia.
Harvest Coding:	$\begin{array}{l} \therefore 1 = \mathrm{Yes} \\ 2 = \mathrm{No} \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified 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
		emptied from the ventricle at the end of he surgical intervention documented on a	
mos	st recent determination prior to t	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir	st recent determination prior to the er a percentage in the range of 1 ng the "mean" (i.e., 50-55%, is re	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor	st recent determination prior to the range of 1 and the "mean" (i.e., 50-55%, is refute reported as: rmal = 60%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor Goo	st recent determination prior to the range of 1 and the "mean" (i.e., 50-55%, is refute reported as: rmal = 60% for function = 50%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor Goo Mil	st recent determination prior to the range of 1 and the "mean" (i.e., 50-55%, is refute reported as: rmal = 60%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor Goo Mil Fain Moo	st recent determination prior to the er a percentage in the range of 1 ng the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor Goo Mil Fain Moo Poo	st recent determination prior to the er a percentage in the range of 1 ng the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% dly reduced = 45% r function = 40%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report.
mos Ente usir Val Nor Goo Mil Fair Moo Poo Sev NO	st recent determination prior to the er a percentage in the range of 1 ing the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% verely reduced = 20%	he surgical intervention documented on a99. If a percentage range is reported, re	diagnostic report. eport a whole number
mos Ente usir Val Nor Goo Mil Fain Moo Poo Sev NO acce	st recent determination prior to the er a percentage in the range of 1 ing the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% rerely reduced = 20% VTE: If no diagnostic report is in eptable.	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%).	diagnostic report. eport a whole number
mos Entu usir Val Nor Goo Mil Fain Moo Poo Sev NO acce <i>Harvest Coding:</i>	st recent determination prior to the er a percentage in the range of 1 ing the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% rerely reduced = 20% VTE: If no diagnostic report is in eptable.	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%).	diagnostic report. eport a whole number
mos Entu usir Val Nor Goo Mil Fain Moo Sev NO acco Harvest Coding: Valid Data:	st recent determination prior to the er a percentage in the range of 1 ing the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% verely reduced = 20% TE: If no diagnostic report is in eptable.	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%).	diagnostic report. eport a whole number
mos Entu usir Val Nor Goo Mil Fain Moo Poo Sev NO acce Harvest Coding: Valid Data: Usual Range:	st recent determination prior to the er a percentage in the range of 1 ng the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% verely reduced = 20% TE: If no diagnostic report is in eptable. : 1.0 - 99.0	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%).	diagnostic report. eport a whole number
mos Entu usir Val Nor Goo Mill Fain Moo Poo Sev NO acco Harvest Coding: Valid Data: Usual Range: Format:	st recent determination prior to the er a percentage in the range of 1 ag the "mean" (i.e., 50-55%, is re- lues reported as: strmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% verely reduced = 20% TE: If no diagnostic report is in eptable. : 1.0 - 99.0 5.0 - 90.0	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%).	diagnostic report. eport a whole number n the progress record is
mos Ente usir Val Nor Goo Mil Fair Moo Sev NO	st recent determination prior to the er a percentage in the range of 1 ing the "mean" (i.e., 50-55%, is re- lues reported as: rmal = 60% od function = 50% ddly reduced = 45% r function = 40% derately reduced = 30% or function = 25% rerely reduced = 20% VTE: If no diagnostic report is in eptable. : 1.0 - 99.0 5.0 - 90.0 Real	he surgical intervention documented on a - 99. If a percentage range is reported, re eported as 53%). the medical record, a value documented i	diagnostic report. eport a whole number n the progress record is EF Done

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Field Name:	Hemo Data-EF Method	SeqNo: 1090
Short Name:	HDEFMeth	Core: Yes
		Harvest: Yes
LV Rad Esti ECH	Gram: Left Ventriculogram ionucleotide: MUGA Scan mate: From other calculations, bas IO: Echocardiogram I/CT	asurement information was obtained preoperatively. sed upon available clinical data.
Harvest Coding:	2 = LV Gram 3 = Radionucleotide 4 = Estimate 5 = ECHO 6 = MRI/CT 9 = Other	
Valid Data:	LV Gram; Radionucleotide; Est	imate; ECHO; MRI/CT; Other
Usual Range:		
Format:	Text (categorical values specific	ed 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
	cate whether the mean pulmonary or Swan-Ganz catheter BEFORE	artery pressure in mm Hg, was recorded from catheterization the induction of anesthesia.
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specifi	ed by STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName: ParentValue:
Field Name:	Hemo Data-PA Mean	SeqNo: 1110
	HDPAMean	Core: Yes
		Harvest: Yes
	cate the mean pulmonary artery pr z catheter BEFORE the induction	essure in mm Hg, recorded from catheterization data or Swan of anesthesia.
Harvest Coding:		

Usual Range:

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Format:	Real		
Data Source:	User	Parent Field: Hemo Dat	a - HDPA Mean Done
ACCField:	Not mapped	ParentShortName: HDP.	AD
		<i>ParentValue:</i> = "Yes"	
Field Name:	VD-Stenosis-Aortic		SeqNo: 1120
Short Name:	VDStenA		Core: Yes
			Harvest: Yes
Definition: In	dicate whether Aortic Stenosis is p	present. If not documented or not done	, indicate as N/A.
Harvest Coding	g: $1 = Yes$ 2 = No 3 = N/A		
Valid Data:	Yes; No; N/A		
Usual Range:			
Format:	Text (categorical values speci	fied 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
	dicate the mean gradient across the reoperatively.	e aortic valve obtained from an echoca	rdiogram or angiogram
Harvest Coding	g:		
Valid Data:	1 - 200		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field: VD-Steno	sis-Aortic
ACCField:	Not mapped	ParentShortName: VDS	tenA
		<i>ParentValue:</i> = "Yes"	
Field Name:	VD-Stenosis-Mitral		<i>SeqNo:</i> 1140
Short Name:	VDStenM		Core: Yes
			Harvest: Yes
Definition: In	dicate whether Mitral Stenosis is p	resent. If not documented or not done	, indicate as N/A.
Harvest Codin _č	2 = No 3 = N/A		
Harvest Codin _i Valid Data:			
	3 = N/A		

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Data Source:	User	Parent Field:	
CCField:	Not mapped	ParentShortName:	
		ParentValue:	
ield Name:	VD-Stenosis-Tricuspid		SeqNo: 1150
hort Name:	VDStenT		Core: Yes
			Harvest: Yes
Definition: Ind	licate whether Tricuspid Stenosis	is present. If not documented or not do	one, indicate as N/A.
larvest Coding			
	2 = No 3 = N/A		
alid Data:	Yes; No; N/A		
Isual Range:			
ormat:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field:	
CCField:	Not mapped	ParentShortName:	
		ParentValue:	
ield Name:	VD-Stenosis-Pulmonic		SeqNo: 1160
hort Name:	VDStenP		Core: Yes
	- 2 2 0000		Harvest: Yes
Definition: Ind		is present. If not documented or not do	one, indicate as N/A.
	2 = NO $3 = N/A$		
alid Data:	Yes; No; N/A		
Isual Range:			
ormat:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field:	
CCField:	Not mapped	ParentShortName:	
		ParentValue:	
ield Name:	VD-Insuff-Aortic		SeqNo: 1170
hort Name:	VDInsufA		Core: Yes
			Harvest: Yes
<i>Definition:</i> Ind		Aortic valve regurgitation. Enter leve	l of valve function
	sociated with highest risk (i.e., wo	set performance).	
ass	-	e chart. "Moderately severe" should be	e coded as "Severe".
ass En	-	e chart. "Moderately severe" should be	e coded as "Severe".
ass En	ter the highest level recorded in th data not available or study subopt	e chart. "Moderately severe" should be	e coded as "Severe".

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	3 = Moderate 4 = Severe 5 = N/A		
Valid Data:	None; Trivial; Mild; Moderat	e; Severe; N/A	
Isual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field:	
CCField:	Not mapped	ParentShortName: ParentValue:	
Field Name: V	D-Insuff-Mitral		SeqNo: 1180
hort Name: V	DInsufM		Core: Yes
			Harvest: Yes
assoc Enter	viated with highest risk (i.e., wo	he chart. "Moderately severe" should	
Iarvest Coding:	0 = None 1 = Trivial 2 = Mild 3 = Moderate 4 = Severe 5 = N/A		
Valid Data:	None; Trivial; Mild; Moderat	e; Severe; N/A	
Isual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field:	
CCField:	Not mapped	ParentShortName: ParentValue:	
Field Name: V	D-Insuff-Tricuspid		SeqNo: 1190
hort Name: V	DInsufT		Core: Yes
			Harvest: Yes
	ate whether there is evidence or riated with highest risk (i.e., wo	f Tricuspid valve regurgitation. Enter performance).	level of valve function
Enter	the highest level recorded in t	he chart. "Moderately severe" should	be coded as "Severe".

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

Harvest Coding: 0 = None 1 = Trivial2 = Mild3 = Moderate4 =Severe 5 = N/A

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Valid Data:	None; Trivial; Mild; Moderate; Se	vere; N/A	
Usual Range:			
Format:	Text (categorical values specified	by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name: V	D-Insuff-Pulmonic		SeqNo: 1200
Short Name: V	DInsufP		Core: Yes
			Harvest: Yes
If da Harvest Coding:	ta not available or study suboptimal, 0 = None 1 = Trivial 2 = Mild	, enter N/A.	
	3 = Moderate 4 = Severe 5 = N/A		
Valid Data:	4 = Severe	vere; N/A	
Valid Data: Usual Range:	4 = Severe 5 = N/A	vere; N/A	
Usual Range:	4 = Severe 5 = N/A		
Format:	4 = Severe 5 = N/A None; Trivial; Mild; Moderate; Se		
Usual Range:	4 = Severe 5 = N/A None; Trivial; Mild; Moderate; Se Text (categorical values specified)	by STS)	

	I. Ope	erative	
Field Name:	Surgeon	SeqNo: 12	210
Short Name:	Surgeon	Core: Y	es
		Harvest: Ye	es
sur		have controlled data entry where a user selects the ve variation in spelling, abbreviations and punctu	
Harvest Coding	<i>:</i>		
Valid Data:	(elements of user list) Not free text. Us made available through a utility that is	ser maintains list of valid values. New values are separate from entering a data record.	
Usual Range:			
Format:	Text (categorical values specified by U	(ser)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Surgoon ID	Cooline 12	20
Fiela Name: Short Name:	SurgID	SeqNo: 12 Core: No	
snon ivame.	Surgio	Harvest: No	
Definition In	licate the unique identification numbers		,
	licate the unique identification number assi	gned to the surgeon by the participant.	
Harvest Coding			
Valid Data:	(elements of user list) Not free text. Usmade available through a utility that is	ser maintains list of valid values. New values are 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	
Field Name:	Surgeon's National Provider Identifier	SeqNo: 12	21
Short Name:	SurgNPI	Core: Ye	es
		Harvest: Ye	es
Definition: Inc	licate the individual-level National Provide	r Identifier of the surgeon performing the procedu	ıre.
Harvest Coding	:		
Valid Data:	(elements of user list)		
Usual Range:			
Format:	Text (categorical values specified by U	ser)	
Data Source:	Lookup	Parent Field:	
ACCField:	Not mapped	ParentShortName:	

ParentValue:

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Field Name:	Taxpayer Identification Number		SeqNo: 1222
Short Name:	TIN		Core: Yes
			Harvest: Yes
	dicate the group-level Taxpayer Identifi argeon's National Provider Identifier tha		r holder of record for the
Harvest Codin	g:		
Valid Data:	(elements of user list)		
Usual Range:			
Format:	Text (categorical values specified b	by User)	
Data Source:	Lookup	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Incidence		SeqNo: 1230
Short Name:	Incidenc		Core: Yes
			Harvest: Yes
	-first re-op cardiovascular surgery -second re-op cardiovascular surgery -third re-op cardiovascular surgery -fourth or more re-op cardiovascular su	urgery.	
Harvest Codin	 g: 1 = First cardiovascular surgery 2 = First re-op cardiovascular surgers 3 = Second re-op cardiovascular surgers 4 = Third re-op cardiovascular surgers 5 = Fourth or more re-op cardiovascular surgers 	irgery gery	
Valid Data:	First cardiovascular surgery; First r surgery; Third re-op cardiovascular		-
Usual Range:			
Format:	Text (categorical values specified b	by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Status		SeqNo: 1240
Short Name:	Status		<i>Core:</i> Yes
mon munic.	Suitus		Harvest: Yes
Dofinition. In	dicate the clinical status of the patient p	rior to entering the operating re-	
sejiniiion. III	ancaic une eminear status of une patient p	nor to entering the operating 10	0111.
TI	lective: he patient's cardiac function has been sta rocedure could be deferred without incre	•	-
Pı	rgent: cocedure required during same hospitalizeterioration.	zation in order to minimize chan	ce of further clinical

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	 g: 1 = Elective 2 = Urgent 3 = Emergent 4 = Emergent Salvage 		
Valid Data:	Elective; Urgent; Emergent; Em	iergent Salvage	
Usual Range:			
Format:	Text (categorical values specifie	ed 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

3 = Worsening C4 = CHF5 = Anatomy6 = USA

	 7 = Rest Angina 8 = Valve Dysfunction 9 = Aortic Dissection 10 = Angiographic Accident 	
	11 = Cardiac Trauma	
Valid Data:	AMI; IABP; Worsening CP; CH Dissection; Angiographic Accide	F; Anatomy; USA; Rest Angina; Valve Dysfunction; Aortic ent; Cardiac Trauma
Usual Range:	ange:	
Format:	Text (categorical values specified	d by STS)
Data Source:	User	Parent Field: Status
ACCField:	Not mapped	ParentShortName: Status
		<i>ParentValue:</i> = "Urgent"
Field Name:	Emergent Reason	SeqNo: 1260
Short Name:	EmergRsn	Core: Yes
		Harvest: Yes
th In (S S P A	here should be no delay in providing of adicate which one of the following app Select one): hock with circulatory support hock without circulatory support ulmonary edema requiring intubation cute Evolving Myocardial Infarction v	pt cardiac surgery. An emergency operation is one in which perative intervention. plies as the reason why the patient had Emergent Status?
V A A	Ingoing ischemia including rest angina falve Dysfunction - Acute Native or Pr ortic Dissection ngiographic Accident ardiac Trauma	a despite maximal medical therapy (medical and/or IABP)
V A A	alve Dysfunction - Acute Native or Pr ortic Dissection ngiographic Accident ardiac Trauma	a despite maximal medical therapy (medical and/or IABP)
V A A C	 alve Dysfunction - Acute Native or Proortic Dissection ngiographic Accident ardiac Trauma ardiac Trauma ardiac Trauma ardiac Trauma bock No Circ Support a = Pulmonary Edema 4 = AEMI 5 = Ongoing Ischemia 6 = Valve Dysfunction 7 = Aortic Dissection 8 = Angiographic Accident 9 = Cardiac Trauma Shock Circ Support; Shock No C 	a despite maximal medical therapy (medical and/or IABP)
V A C Harvest Codir Jalid Data:	 alve Dysfunction - Acute Native or Proortic Dissection ngiographic Accident ardiac Trauma ardiac Trauma ardiac Trauma ardiac Trauma bock No Circ Support a = Pulmonary Edema 4 = AEMI 5 = Ongoing Ischemia 6 = Valve Dysfunction 7 = Aortic Dissection 8 = Angiographic Accident 9 = Cardiac Trauma Shock Circ Support; Shock No C 	a despite maximal medical therapy (medical and/or IABP) rosthetic
V A C Harvest Codin	 alve Dysfunction - Acute Native or Proortic Dissection ngiographic Accident ardiac Trauma ardiac Trauma ardiac Trauma ardiac Trauma bock No Circ Support a = Pulmonary Edema 4 = AEMI 5 = Ongoing Ischemia 6 = Valve Dysfunction 7 = Aortic Dissection 8 = Angiographic Accident 9 = Cardiac Trauma Shock Circ Support; Shock No C 	a despite maximal medical therapy (medical and/or IABP) rosthetic Circ Support; Pulmonary Edema; AEMI; Ongoing Ischemia; ection; Angiographic Accident; Cardiac Trauma
V A A C Harvest Codir Valid Data: Usual Range:	 alve Dysfunction - Acute Native or Proortic Dissection ngiographic Accident ardiac Trauma ardiac Trauma alg: 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 Shock Circ Support; Shock No C Valve Dysfunction; Aortic Disse 	a despite maximal medical therapy (medical and/or IABP) rosthetic Circ Support; Pulmonary Edema; AEMI; Ongoing Ischemia; ection; Angiographic Accident; Cardiac Trauma

	rdiac Data Specifications	August 24, 2007	Version 2.6
Field Name:	Robotic Technology Assisted	Sec	No: 1270
Short Name:	Robotic	C	Core: Yes
		Har	vest: Yes
Definition: In	dicate whether the cardiac surgery	was assisted by robotic technology.	
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
			N. 1000
Field Name: Short Name:	CAB OpCAB		<i>No:</i> 1280 <i>Core:</i> Yes
mori ivume.	орслы		vest: Yes
Definition. In	dicate whether coronary artery by		<i>rest.</i> 103
		bass granning was done.	
Harvest Codin	g: $1 = \text{Yes}$ 2 = No		
/alid Data:	Yes; No		
Usual Range:	100,100		
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field:	
ACCField:		ParentShortName:	
ACCF lelu.	Not mapped	ParentValue:	
		<i>1 m cm y unc.</i>	
Field Name:	Valve	Sec	<i>No:</i> 1290
ieia i vanie.	O V 1		
	OpValve		Core: Yes
	Opvalve		Core: Yes vest: Yes
Short Name:	-		vest: Yes
Short Name: Definition: In	dicate whether a surgical procedur	Har	vest: Yes
Short Name: Definition: In Harvest Codin	dicate whether a surgical procedur g: 1 = Yes	Har	vest: Yes
Short Name: Definition: In Harvest Codin Valid Data:	dicate whether a surgical procedur g: 1 = Yes 2 = No	Har	vest: Yes
Short Name: Definition: In Harvest Codin Jalid Data: Jsual Range:	dicate whether a surgical procedur g: 1 = Yes 2 = No	Har	vest: Yes
Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format:	dicate whether a surgical procedur g: 1 = Yes 2 = No Yes; No	Har	vest: Yes
Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format: Data Source:	dicate whether a surgical procedur g: 1 = Yes 2 = No Yes; No Text (categorical values speci	<i>Har</i> was done on the Aortic, Mitral, Tricuspid or Puln fied by STS)	vest: Yes
Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format: Data Source:	dicate whether a surgical procedur g: 1 = Yes 2 = No Yes; No Text (categorical values speci User	<i>Har</i> e was done on the Aortic, Mitral, Tricuspid or Puln fied by STS) <i>Parent Field:</i>	vest: Yes
Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format: Data Source: ACCField:	dicate whether a surgical procedur g: 1 = Yes 2 = No Yes; No Text (categorical values speci User Not mapped	Har re was done on the Aortic, Mitral, Tricuspid or Puln fied by STS) Parent Field: ParentShortName: ParentValue:	<i>vest:</i> Yes nonic valves.
Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format: Data Source:	dicate whether a surgical procedur g: 1 = Yes 2 = No Yes; No Text (categorical values speci User	Har e was done on the Aortic, Mitral, Tricuspid or Puln fied by STS) Parent Field: ParentShortName: ParentValue: Sea	vest: Yes

	I	C
Definition: Indic	ate whether a ventricular assist device (V	AD) was implanted.
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by ST	TS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: C	other Card	SeqNo: 1310
Short Name: C	pOCard	Core: Yes
		Harvest: Yes
Definition: Indic	ate whether an other cardiac procedure wa	as 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 ST	TS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: C	other Non Card	SeqNo: 1320
Short Name: C	pONCard	Core: Yes
		Harvest: Yes
Definition: Indic	ate whether a non-cardiac procedure was	done.
Harvest Coding:	1 = Yes 2 = No	
	Yes; No	
Valid Data:		
Usual Range:	Text (categorical values specified by ST	TS)
Usual Range: Format:	Text (categorical values specified by ST User	TS) Parent Field:
Usual Range: Format: Data Source:		
Usual Range: Format: Data Source:	User	Parent Field:
Usual Range: Format: Data Source: ACCField:	User	Parent Field: ParentShortName:
	User Not mapped	Parent Field: ParentShortName: ParentValue:

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

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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
	licate, if applicable, the second CPT e data collection form was initiated.	procedure code (CPT-1) pertaining to the surgery for which
Harvest Coding	<i>;</i> :	
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
T' 11N		G N 1222
Field Name: Short Name:	CPT-1 Code # 3 CPT1Code3	SeqNo: 1323 Core: Yes
Shori Ivame.	er meddes	Harvest: Yes
	licate, if applicable, the third CPT pr ta collection form was initiated.	rocedure code (CPT-1) pertaining to the surgery for which the
Harvest Coding	3:	
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
	licate, if applicable, the fourth CPT p e data collection form was initiated.	procedure code (CPT-1) pertaining to the surgery for which
Harvest Coding	3:	
Valid Data:		
Usual Range:		
Format:	Text - Length exactly 5	

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Data Source: ACCField:	User or Automatic Not mapped	Parent Field: CPT-1 Code # 3 ParentShortName: CPT1Code3 ParentValue: Is Not Missing	
Field Name: Short Name:	CPT-1 Code # 5 CPT1Code5		SeqNo: 1325 Core: Yes Harvest: Yes
	dicate, if applicable, the fifth CPT ata collection form was initiated.	procedure code (CPT-1) pertaining to the surg	ery for which the
Harvest Codin	g:		
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
	ata collection form was initiated.	procedure code (CPT-1) pertaining to the surg	gery for which the
Valid Data:	8.		
Usual Range:			
Format:	Text - Length exactly 5		
Data Source:	User or Automatic	Parent Field: CPT-1 Code # 5	
ACCField:	Not mapped	ParentShortName: CPT1Code5	
	11	ParentValue: Is Not Missing	
Field Name:	CPT-1 Code # 7		SeqNo: 1327
Short Name:	CPT1Code7		Core: Yes
			Harvest: Yes
	dicate, if applicable, the seventh C e data collection form was initiated	PT procedure code (CPT-1) pertaining to the s	urgery for which
Harvest Codin	<i>g</i> :		
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	

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Field Name:	CPT-1 Code # 8	SeqNo: 1328
Short Name:	CPT1Code8	Core: Yes
		Harvest: Yes
	ndicate, if applicable, the eighth CPT prove data collection form was initiated.	rocedure code (CPT-1) pertaining to the surgery for which
Harvest Codin	ng:	
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
	ndicate, if applicable, the ninth CPT protate a collection form was initiated.	ocedure code (CPT-1) pertaining to the surgery for which the
Harvest Codin	ng:	
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	<i>Core:</i> Yes
		Harvest: Yes
	ndicate, if applicable, the tenth CPT prototate collection form was initiated.	ocedure code (CPT-1) pertaining to the surgery for which the
Harvest Codin	ng:	
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	OD Entry Data And Time	CarNo. 1995
Field Name: Short Name:	OR Entry Date And Time OREntryDT	SeqNo: 1335 Core: Yes
snon nume.	GREIni yD i	core. res

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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:		11 14 4
Format:	Date and time in the format mm/dd/yyyy time in 24-hour clock	y hh:mm with the
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name:	OR Exit Date And Time	SeqNo: 1336
Short Name:	ORExitDT	Core: Yes
ope	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak	<i>Harvest:</i> Yes e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down.
ope	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time
ope whe Harvest Coding:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time
ope: whe Harvest Coding: Valid Data:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down.
ope: whe Harvest Coding: Valid Data: Usual Range:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak Date and time in the format mm/dd/yyyy	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down.
ope: whe Harvest Coding: Valid Data: Usual Range: Format:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak Date and time in the format mm/dd/yyyy time in 24-hour clock	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down.
ope whe Harvest Coding: Valid Data: Usual Range: Format: Data Source:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak Date and time in the format mm/dd/yyyy time in 24-hour clock User	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time en down. y hh:mm with the <i>Parent Field:</i>
ope whe Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak Date and time in the format mm/dd/yyyy time in 24-hour clock User	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down. y hh:mm with the <i>Parent Field:</i> <i>ParentShortName:</i>
oper whe Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	rating room. If the procedure was performe en the sterile field, or its equivalent, was tak Date and time in the format mm/dd/yyyy time in 24-hour clock User Not mapped	e (using 24-hour clock), that the patient exits the ed in a location other than the OR, record the time ten down. y hh:mm with the Parent Field: ParentShortName: ParentValue:

following guidelines apply:

 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.
 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.

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Harvest Codin	g:		
Valid Data:			
Usual Range:			
Format:	Date and time in the format time in 24-hour clock	t mm/dd/yyyy hh:mm with the	
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
ce 1. 2. wi clo	cased after surgery. The followin Capture the extubation closest to If the patient has a tracheostom ithin the hospital admission, cap osest to the surgical stop time.	to the surgical stop time. by and is separated from the mechanical ture the date and time of separation from	ventilator postoperatively the mechanical ventilator
3.	If the nationt evolves while inte		or, capture the date and
tir	me of expiration.	bated or cannulated and on the ventilated onic ventilatory support, capture the date	-
tir 4.	me of expiration. If patient is discharged on chro		-
tir 4. Harvest Codin	me of expiration. If patient is discharged on chro		-
tir 4. Harvest Codin Valid Data:	me of expiration. If patient is discharged on chro		-
tir 4. Harvest Codin Valid Data: Usual Range:	me of expiration. If patient is discharged on chro g:		-
tir 4. Harvest Codin Valid Data: Usual Range: Format:	me of expiration. If patient is discharged on chro g: Date and time in the format	onic ventilatory support, capture the date	-
tir 4. Harvest Codin Valid Data: Usual Range: Format: Data Source:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the	-
tir 4. Harvest Codin Valid Data: Usual Range: Format: Data Source:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the <i>Parent Field:</i>	-
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName:	and time of discharge.
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName:	and time of discharge. SeqNo: 1339
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName:	and time of discharge. SeqNo: 1339 Core: No
tin 4. Harvest Codin Jalid Data: Jsual Range: Format: Data Source: ACCField: Field Name: Short Name:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName: ParentValue:	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin	onic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName:	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Jsual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g:	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName: ParentValue:	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Jalid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Jalid Data:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g: 00:00 - 23:59	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName: ParentValue:	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g:	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> ng 24 hour clock) the time the skin incis	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin, Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g: 00:00 - 23:59 00:00 - 23:59 Time in 24-hour clock form	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> ng 24 hour clock) the time the skin incis	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g: 00:00 - 23:59 00:00 - 23:59 Time in 24-hour clock form User	enic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> ng 24 hour clock) the time the skin inciss nat <i>Parent Field:</i>	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Short Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g: 00:00 - 23:59 00:00 - 23:59 Time in 24-hour clock form	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> ng 24 hour clock) the time the skin incis	and time of discharge. SeqNo: 1339 Core: No Harvest: No
tin 4. Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	me of expiration. If patient is discharged on chro g: Date and time in the format time in 24-hour clock User Not mapped Skin Incision Start Time SIStartT dicate to the nearest minute (usin g: 00:00 - 23:59 00:00 - 23:59 Time in 24-hour clock form User	nic ventilatory support, capture the date t mm/dd/yyyy hh:mm with the Parent Field: ParentShortName: ParentValue: ng 24 hour clock) the time the skin incis nat Parent Field: Parent Field: ParentShortName:	and time of discharge. SeqNo: 1339 Core: No Harvest: 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:	Fime in 24-hour clock format	
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: Ski	n Incision Start Date And Time	SeqNo: 1341
Short Name: SIS	tartDT	Core: Yes
		Harvest: Yes
	ent, was made. For example, during bron	(using 24-hour clock), that the skin incision, or its nchoscopy, one would utilize the bronchoscope
Harvest Coding:		
Valid Data:		
Usual Range:		
	Date and time in the format mm/dd/yyyy i ime in 24-hour clock	hh:mm with the
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: Ski	n Incision Stop Date And Time	SeqNo: 1342
Short Name: SIS	topDT	Core: Yes
		Harvest: Yes
closed,		(using 24-hour clock), that the skin incision was scope). If the patient leaves the operating room ressings were applied to the incision.
Harvest Coding:		
Valid Data:		
Usual Range:		
	Date and time in the format mm/dd/yyyy in in 24-hour clock	hh:mm with the
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: Ant	ibiotic Selection	SeqNo: 1345

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 spec	ified by STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name:	Antibiotic Timing	SeqNo: 1346
Short Name: A	AbxTiming	Core: Yes
		Harvest: Yes
	cate whether prophylactic antibi hours if receiving vancomycin	otics were ordered OR given within one hour of surgical incision or fluoroquinolone).
The	surgical incision time is the tim	e of the first incision, irregardless of location.
Harvest Coding:	1 = Yes 2 = No	
/alid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values spec	ified by STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name:	Antibiotics Discontinued	SeqNo: 1347
Short Name: A	AbxDisc	Core: Yes
		Harvest: Yes
	cate whether the prophylactic ar in 48 hours after surgery end tir	tibiotics were ordered to be discontinued OR were discontinued ne.
	ermining the timeframe (within 4 es the operating room.	48 hours) begins at the "surgical end time" - the time the patient
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
	Text (categorical values spec	ified by STS)
Format:		
Format: Data Source:	User	Parent Field:

ParentValue:

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Field Name:	CPB Utilization	SeqNo: 1350
Short Name:	CPBUtil	Core: Yes
		Harvest: Yes
<i>Definition:</i> Ir	ndicate the level of CPB or coronary p	perfusion used during the procedure:
С	one = no CPB or coronary perfusion on ombination = with or without CPB and the procedure (capture conversions from	nd/or with or without coronary perfusion at any time during
СС	At start of procedure: No CPB/No (Coronary Perfusion -> conversion to -> CPB Coronary Perfusion -> conversion to -> Coronary perfusion Coronary Perfusion -> conversion to -> Coronary perfusion -:
F	ull = CPB or coronary perfusion was	used for the entire procedure
Harvest Codin	<i>lg:</i> $1 = None$ 2 = Combination 3 = Full	
Valid Data:	None; Combination; Full	
Usual Range:		
Format:	Text (categorical values specifie	d by STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name:	CPB Utilization - Combination Pl	lan SeqNo: 1360
Short Name:	CPBCmb	Core: Yes
		Harvest: Yes
	ndicate whether the combination proce nplanned conversion.	edure from off-pump to on-pump was a planned or an
u U	tilization"	with any of the combination options described in "CPB d to treat with any of the combination options described in
	ag: $1 = Planned$ 2 = Unplanned	
Harvest Codin		
	Planned; Unplanned	
Valid Data:	-	
Valid Data: Usual Range:	-	d by STS)
Valid Data: Usual Range: Format:	Planned; Unplanned	d by STS) <i>Parent Field:</i> CPB utilization
Valid Data: Usual Range: Format: Data Source:	Planned; Unplanned Text (categorical values specifie	
Valid Data: Usual Range: Format: Data Source:	Planned; Unplanned Text (categorical values specifie User	Parent Field: CPB utilization
Harvest Codir Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	Planned; Unplanned Text (categorical values specifie User	Parent Field: CPB utilization ParentShortName: CPBUtil ParentValue: = "Combination"

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 4 = Hemodynamic instability (hypotension 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	5)		
Data Source:	User	Parent Field: CPB utilization - Combination Plan		
ACCField:	Not mapped	ParentShortName: CPBCmb		
		<i>ParentValue:</i> = "Unplanned"		
Field Name: P	erfusion Time (min)	<i>SeqNo:</i> 1380		
	erfusTm	Core: Yes		
		Harvest: Yes		
	ate the perfusion time in minutes. Perfusio or coronary perfusion assist minutes.	n time is defined as an accumulated total of CPB		
Harvest Coding:				
Valid Data:	1 - 999			
Usual Range:	1 - 300			
Format:	Integer			
Data Source:	User	Parent Field: CPB Utilization		
ACCField:	Not mapped	ParentShortName: CPBUtil		
		<i>ParentValue:</i> = "Combination" or "Full"		
Field Name: C	irculatory Arrest	SeqNo: 1381		
	ircArr	Core: Yes		
		Harvest: Yes		
-	ate whether or not there was a circulatory a ative record.	rrest time recorded on the perfusion record or		
Harvest Coding:	1 = Yes 2 = No			
Valid Data:	Yes; No			
Usual Range:				
Format:	Text (categorical values specified by STS	3)		
Data Source:	User	Parent Field:		
ACCField:	Not mapped	ParentShortName:		
		ParentValue:		

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Field Name:	Circulatory Arrest Time		SeqNo: 1382
hort Name:	DHCATm		Core: Yes
			Harvest: Yes
pe		ne in minutes. Circulatory arrest time nd indicates the time the patient was	
larvest Codin	g:		
alid Data:	1-100		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field: Circulato	ry Arrest
ACCField:	Not mapped	ParentShortName: Circ.	Arr
		<i>ParentValue:</i> = "Yes"	
Field Name:	Cannulation Method		SeqNo: 1390
hort Name:	Cannulat		Core: No
non nume.	Cumulat		Harvest: No
Iarvest Codin	 g: 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 Atrial/Caval; Other	Art and Fem/Jug Vein; Aorta and At	trial/Caval; Fem Art and
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: CPB Util	ization
ACCField:	Not mapped	ParentShortName: CPB	Util
		ParentValue: "Combina	ation" or "Full"
Field Name:	Cannulation Method - Aorta and	d Femoral/Jugular Vein	SeqNo: 1391
Short Name:	CanAortFem	0	Core: Yes
			Harvest: Yes
-	dicate whether the method of cannu rdiopulmonary bypass.	lation included Aorta and Femoral/J	ugular Vein for
Harvest Codin	g: $1 = Yes$ 2 = No		
/alid Data:	Yes; No		
and Data.			

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Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: CPB Utiliza	ation
ACCField:	Not mapped	ParentShortName: CPBUt	il
		ParentValue: = "Combina	tion" or "Full"
Field Name:	Cannulation Method - Femora	ll Artery and Femoral/Jugular Vein	SeqNo: 1392
Short Name:	CanFemFem		Core: Yes
			Harvest: Yes
	dicate whether the method of can rdiopulmonary bypass.	nulation included Femoral Artery and Femoral	moral/Jugular Vein for
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: CPB Utiliza	ation
ACCField:	Not mapped	ParentShortName: CPBUt	il
		ParentValue: = "Combination of the second se	tion" or "Full"
Field Name:	Cannulation Method - Aorta a	nd Atrial/Caval	SeqNo: 1393
Short Name:	CanAortAtr	inu Atriai/Cavai	Core: Yes
Shorr I tame.			Harvest: Yes
	dicate whether the method of canr pass.	nulation included Aorta and Atrial/Caval	for cardiopulmonary
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: CPB Utiliza	ation
ACCField:	Not mapped	ParentShortName: CPBU	il
		ParentValue: = "Combination of the second se	tion" or "Full"
Field Name:	Connulation Mathad Econom	I Artory and Atrial/Caval	SeaNo: 1204
Short Name:	Cannulation Method - Femora CanFemAtr	n Arwry anu Anial/Cavai	SeqNo: 1394 Core: Yes
Shori I tulle.			Harvest: Yes
-	dicate whether the method of canr rdiopulmonary bypass.	nulation included Femoral Artery and At	
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range			

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Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: CPB Utilizati	on
ACCField:	Not mapped	ParentShortName: CPBUtil	
		ParentValue: = "Combination	on" or "Full"
Field Name:	Cannulation Method - Other		SeqNo: 1395
Short Name:	CanOther		Core: Yes
			Harvest: Yes
Definition: In	dicate whether the method of cannu	lation included any other method for car	diopulmonary bypass.
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: CPB Utilizati	on
ACCField:	Not mapped	ParentShortName: CPBUtil	
		ParentValue: = "Combination	on" or "Full"
Field Name:	Aortic Occlusion		SeqNo: 1400
Short Name:	AortOccl		Core: Yes
			Harvest: Yes
Definition: In	dicate the highest level of aortic oc	clusion used.	
Harvest Codin	g: $1 = None$		
	2 = Aortic Crossclamp		
	3 = Balloon Occlusion 4 = Partial Crossclamp		
	-		
Valid Data:	None; Aortic Crossclamp; Bal	oon Occlusion; Partial Crossclamp	
Usual Range: Format:	Text (categorical values specif	ind by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
ACCI leiu.	Not mapped	ParentValue:	
		<i>i archiv and</i> .	
Field Name:	Cross Clamp Time (min)		SeqNo: 1410
Short Name:	XClampTm		Core: Yes
			Harvest: Yes
		he aorta is completely crossclamped duri sclamp is the highest level of occlusion.	ng bypass. Minutes
Harvest Codin	g:		
Valid Data:	1 - 600		
Usual Range:	1 - 180		
Format:	Integer		

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Data Source:	User	Parent Field: Aortic Occ	lusion
ACCField:	Not mapped	ParentShortName: AortO	ccl
		ParentValue: = "Aortic C Occlusion"	rossclamp" or "Balloon
Field Name:	Cardioplegia		SeqNo: 1420
Short Name:	Cplegia		Core: Yes
			Harvest: Yes
<i>Definition:</i> In	dicate whether cardioplegia was used	l.	
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	d 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	Oxygen Saturation - Lett	Core: Yes
of	dicate the percent baseline left cerebr the operation, when the patient is aw	vake and functional. Patient can be se	values at the beginning edated or on
of su		vake and functional. Patient can be sourcement is taken. In the absence of a	edated or on user-specified baseline,
of su	the operation, when the patient is aw pplemental oxygen at the time measu e cerebral oximeter will automatically	vake and functional. Patient can be sourcement is taken. In the absence of a	values at the beginning edated or on user-specified baseline,
of su th	the operation, when the patient is aw pplemental oxygen at the time measu e cerebral oximeter will automatically g:	vake and functional. Patient can be sourcement is taken. In the absence of a	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin	the operation, when the patient is aw pplemental oxygen at the time measu e cerebral oximeter will automatically g:	vake and functional. Patient can be sourcement is taken. In the absence of a	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range:	the operation, when the patient is aw pplemental oxygen at the time measu e cerebral oximeter will automatically g:	vake and functional. Patient can be sourcement is taken. In the absence of a	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range: Format:	the operation, when the patient is aw pplemental oxygen at the time measure e cerebral oximeter will automatically g: 1 - 99	vake and functional. Patient can be sourcement is taken. In the absence of a	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data:	the operation, when the patient is aw pplemental oxygen at the time measure e cerebral oximeter will automatically g: 1 - 99 Integer	vake and functional. Patient can be so prement is taken. In the absence of a select a baseline value from the firs	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Vsual Range: Format: Data Source:	the operation, when the patient is aw pplemental oxygen at the time measure cerebral oximeter will automatically g: 1 - 99 Integer User	vake and functional. Patient can be so prement is taken. In the absence of a y select a baseline value from the firs <i>Parent Field:</i>	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source:	the operation, when the patient is aw pplemental oxygen at the time measure e cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped	vake and functional. Patient can be so prement is taken. In the absence of a sy select a baseline value from the firs <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i>	values at the beginning edated or on user-specified baseline, t few minutes of the case
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	the operation, when the patient is aw pplemental oxygen at the time measure cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped Pre-Induction Baseline Regional	vake and functional. Patient can be so prement is taken. In the absence of a sy select a baseline value from the firs <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i>	values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	the operation, when the patient is aw pplemental oxygen at the time measure e cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped	vake and functional. Patient can be so prement is taken. In the absence of a sy select a baseline value from the firs <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i>	values at the beginning edated or on user-specified baseline, t few minutes of the case <i>SeqNo:</i> 1423 <i>Core:</i> Yes
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In of su	the operation, when the patient is aw pplemental oxygen at the time measure cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped Pre-Induction Baseline Regional	vake and functional. Patient can be sourcement is taken. In the absence of a sy select a baseline value from the first <i>Parent Field:</i> <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> Oxygen Saturation - Right bral regional oxygen saturation (rSOZ vake and functional. Patient can be sourcement is taken. In the absence of a sourcement is taken.	values at the beginning edated or on user-specified baseline, t few minutes of the case <i>SeqNo:</i> 1423 <i>Core:</i> Yes <i>Harvest:</i> Optiona 2) values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In of su th	 the operation, when the patient is aw applemental oxygen at the time measure cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped Pre-Induction Baseline Regional of PreRSO2Rt dicate the percent baseline right cerel the operation, when the patient is aw applemental oxygen at the time measure cerebral oximeter will automatically 	vake and functional. Patient can be sourcement is taken. In the absence of a sy select a baseline value from the first <i>Parent Field:</i> <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> Oxygen Saturation - Right bral regional oxygen saturation (rSOZ vake and functional. Patient can be sourcement is taken. In the absence of a sourcement is taken.	values at the beginning edated or on user-specified baseline, t few minutes of the case <i>SeqNo:</i> 1423 <i>Core:</i> Yes <i>Harvest:</i> Optiona 2) values at the beginning edated or on user-specified baseline,
of su th Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In of su	 the operation, when the patient is aw applemental oxygen at the time measure cerebral oximeter will automatically g: 1 - 99 Integer User Not mapped Pre-Induction Baseline Regional of PreRSO2Rt dicate the percent baseline right cerel the operation, when the patient is aw applemental oxygen at the time measure cerebral oximeter will automatically 	vake and functional. Patient can be sourcement is taken. In the absence of a sy select a baseline value from the first <i>Parent Field:</i> <i>Parent Field:</i> <i>ParentShortName:</i> <i>ParentValue:</i> Oxygen Saturation - Right bral regional oxygen saturation (rSOZ vake and functional. Patient can be sourcement is taken. In the absence of a sourcement is taken.	values at the beginning edated or on user-specified baseline, t few minutes of the case <i>SeqNo:</i> 1423 <i>Core:</i> Yes <i>Harvest:</i> Optiona 2) values at the beginning edated or on user-specified baseline,

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Format:	Integer		
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Cumulative Saturation Below 7	Threshold - Left	SeqNo: 1424
Short Name:	CumulSatLft		Core: Yes
of t the time	the baseline rSO2 value (relative of cerebral oximeter by multiplying les the duration that rSO2 is below	me and depth of desaturation events decline of 25% below baseline) for the the difference between the threshold with threshold. Values are accumula is is also called area under the curve (he left rSO2. Calculated by and current rSO2 values ated throughout the
of t the time	the baseline rSO2 value (relative of cerebral oximeter by multiplying les the duration that rSO2 is below eration. Units are minute-%. This	lecline of 25% below baseline) for the difference between the threshold	below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the
of t the time ope	the baseline rSO2 value (relative of cerebral oximeter by multiplying les the duration that rSO2 is below eration. Units are minute-%. This	lecline of 25% below baseline) for the difference between the threshold v the threshold. Values are accumulated at the threshold.	below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the
of t the tim ope <i>Harvest Coding</i>	the baseline rSO2 value (relative of cerebral oximeter by multiplying les the duration that rSO2 is below eration. Units are minute-%. This :	lecline of 25% below baseline) for the difference between the threshold v the threshold. Values are accumulated at the threshold.	below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the
of t the tim ope Harvest Coding, Valid Data:	the baseline rSO2 value (relative of cerebral oximeter by multiplying les the duration that rSO2 is below eration. Units are minute-%. This :	lecline of 25% below baseline) for the difference between the threshold v the threshold. Values are accumulated at the threshold.	below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the
of t the tim ope Harvest Coding Valid Data: Usual Range:	the baseline rSO2 value (relative of cerebral oximeter by multiplying less the duration that rSO2 is below eration. Units are minute-%. This : 0 - 9999	lecline of 25% below baseline) for the difference between the threshold v the threshold. Values are accumulated at the threshold.	below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the
of t the tim ope Harvest Coding Valid Data: Usual Range: Format:	the baseline rSO2 value (relative of cerebral oximeter by multiplying less the duration that rSO2 is below eration. Units are minute-%. This : 0 - 9999 Integer	decline of 25% below baseline) for the the difference between the threshold verthe threshold. Values are accumulates is also called area under the curve (below the threshold of 75% ne left rSO2. Calculated by and current rSO2 values ated throughout the

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).

Short Name:	COFirstInd	Core: Ye Harvest: Op	
Field Name:	Cerebral Oximeter Provide	d The First Indication SeqNo: 14	126
		ParentValue:	
ACCField:	Not mapped	ParentShortName:	
Data Source:	User	Parent Field:	
Format:	Integer		
Usual Range:			
Valid Data:	0 - 9999		
Harvest Codin	g:		

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 = Yes2 = No

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Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Skin Closure Regional Oxyger	a Saturation - Left	SeqNo: 1427
Short Name:	SCRSO2Lft		Core: Yes
			Harvest: Optiona
	icate the left cerebral regional or he end of the operation. Units an	xygen saturation of blood (rSO2) value re %.	at the time of skin closure
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 Oxyger	1 Saturation - Right	<i>SeqNo:</i> 1428
	SCRSO2Rt		Core: Yes
			Harvest: Optiona
	icate the right cerebral regional of sure at the end of the operation.	oxygen saturation of blood (rSO2) valu Units are %.	e at the time of skin
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
	IABP		Core: Yes
			Harvest: Yes
Definition: Ind	icate whether the patient was pla	ced on Intra-Aortic Balloon Pump (IA	BP).
Harvest Coding			
	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	

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Data Source: ACCField:	User Mapped - Definition and coding	Parent Field: ParentShortName: ParentValue:	
	ABP-When Inserted ABPWhen		SeqNo: 1440 Core: Yes Harvest: Yes
Definition: Indic	ate when the IABP was inserted.		
Preoj Intra	ose one of the following: peratively operatively operatively		
Harvest Coding:	1 = Preop 2 = Intraop 3 = Postop		
Valid Data:	Preop; Intraop; Postop		
Usual Range:			
Format:	Text (categorical values specified by		
Data Source: ACCField:	User	Parent Field: IABP ParentShortName: IABP	
ACCFIEIA.	Not mapped	ParentValue: = "Yes"	
Field Name: L	ABP-Indication		SeqNo: 1450
	ABPInd		Core: Yes
			Harvest: Yes
Definition: Indic	ate the primary reason for inserting the	e IABP.	
Hem PTC. Unst Card	ose one of the following: odynamic Instability A Support able Angina iopulmonary bypass (CPB) weaning fa hylactic	ilure	
Harvest Coding:	1 = Hemodyn Instab 2 = PTCA Support 3 = Unstable Angina 4 = CPB Wean 5 = Prophylactic		
Valid Data:	Hemodyn Instab; PTCA Support; Ur	stable Angina; CPB Wean; Prophyl	actic
Usual Range:			
Format:	Text (categorical values specified by	STS)	
Data Source:	User	Parent Field: IABP	
ACCField:	Not mapped	ParentShortName: IABP	
		<i>ParentValue:</i> = "Yes"	

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Field Name:	Intraop Blood Products		SeqNo: 1460
Short Name:	IBldProd		Core: Yes
			Harvest: Yes
	dicate whether blood products were transferration of the start start and the start		ng the initial surgery.
Harvest Coding	g: $1 = Yes$ 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
Shori Itanic.			Harvest: Yes
Definition: Inc	dicate whether the patient or family refuse	d blood products.	
Harvest Coding	g: $1 = Yes$ 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	
		<i>ParentValue:</i> = "No"	
Field Name:	Intraop Blood Products - RBC Units		SeqNo: 1470
Short Name:	IBdRBCU		Core: Yes
			Harvest: Yes
Definition: Inc	dicate the number of units of packed red b	lood cells that were transfused intra	operatively.
Do	o not include autologous, cell-saver, pump	-residual or chest tube recirculated	blood.
Harvest Coding	g.		
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

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Short Name:	IBdFFPU		ore: Yes
		Har	vest: Yes
<i>Definition:</i> Ir	ndicate the number of units of fresh frozen pl	asma that were transfused intraoperatively	/.
Harvest Codin	ıg:		
Valid Data:	0 - 50		
Usual Range:	0 - 10		
Format:	Integer		
Data Source:	User	Parent Field: Intraop Blood Products	5
ACCField:	Not mapped	ParentShortName: IBldProd	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Intraop Blood Products - Cryo Units	Son	<i>No:</i> 1490
Short Name:	IBdCryoU	-	ore: Yes
	-		vest: Yes
Definition: Ir	ndicate the number of units of cryoprecipitate	that were transfused intraoperatively.	
0	ne bag of cryo = one unit.	- •	
	he number of units is not volume dependent.		
Harvest Codin	<i>ig:</i>		
Valid Data:	0 - 50		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field: Intraop Blood Products	5
ACCField:	Not mapped	ParentShortName: IBldProd	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Intraop Blood Products - Platelet Units	Sec	No: 1500
Short Name:	IBdPlatU		ore: Yes
			vest: Yes
Definition: Ir	ndicate the number of units of platelets that w	vere transfused intraoperatively.	
	ount the dose pack as one unit. A dose pack latelets obtained. The number of units coded		of donor
Harvest Codin	<i>ig:</i>		
Valid Data:	0 - 50		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field: Intraop Blood Products	5
ACCField:	Not mapped	ParentShortName: IBldProd	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Intraop Medications - Aprotinin	Seq	No: 1509

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Short Name:	IMedAprot		Core: Yes
			Harvest: Yes
Definition: Ind	icate whether the patient received Apro	otinin in the operating room.	
Harvest Coding	$\begin{array}{ll} \therefore & 1 = Yes \\ & 2 = No \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified b	by STS)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName: ParentValue:	
Field Name:	Intraop Medications - Aprotinin - D	ose	SeqNo: 1510
	IMedAprotD		Core: Yes
			Harvest: Yes
Definition: Ind	icate the dosage of the Aprotinin the pa	atient received in the operating ro	om.
Harvest Coding	: 1 = Full dose 2 = Half dose		
Valid Data: Usual Range:	Full dose; Half dose		
	Full dose; Half dose Text (categorical values specified b	y STS)	
Usual Range:		by STS) Parent Field: Intraop Me	edications - Aprotinin
Usual Range: Format: Data Source:	Text (categorical values specified b	•	
Usual Range: Format: Data Source: ACCField:	Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes"	Aprot
Usual Range: Format: Data Source: ACCField:	Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes"	Aprot
Usual Range: Format: Data Source: ACCField: Field Name:	Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes"	Aprot
Usual Range: Format: Data Source: ACCField: Field Name:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes"	Aprot SeqNo: 1511
Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes"	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes"	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi : 1 = Yes	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes"	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi \therefore 1 = Yes 2 = No	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes" o-Caproic Acid	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi \therefore 1 = Yes 2 = No Yes; No Text (categorical values specified b	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes" o-Caproic Acid lon Amino-Caproic Acid in the op	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi : 1 = Yes 2 = No Yes; No Text (categorical values specified b User	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes" o-Caproic Acid	Aprot SeqNo: 1511 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi : 1 = Yes 2 = No Yes; No Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed ParentValue: = "Yes" o-Caproic Acid lon Amino-Caproic Acid in the op by STS) Parent Field: ParentShortName: ParentValue:	Aprot SeqNo: 1511 Core: Yes Harvest: Yes perating room.
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi : 1 = Yes 2 = No Yes; No Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes" no-Caproic Acid lon Amino-Caproic Acid in the op by STS) Parent Field: ParentShortName: ParentValue:	Aprot SeqNo: 1511 Core: Yes Harvest: Yes perating room.
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	Text (categorical values specified b User Not mapped Intraop Medications - Epsilon Amin IMedEACA icate whether the patient received Epsi : 1 = Yes 2 = No Yes; No Text (categorical values specified b User Not mapped	Parent Field: Intraop Me ParentShortName: IMed. ParentValue: = "Yes" no-Caproic Acid lon Amino-Caproic Acid in the op by STS) Parent Field: ParentShortName: ParentValue:	Aprot SeqNo: 1511 Core: Yes Harvest: Yes

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Definition: Indicate whether the patient received Desmopressin in the operating room. Harvest Coding: 1 = Yes2 = NoValid Data: Yes; No Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent Field: ParentShortName: ACCField: Not mapped ParentValue: Field Name: **Intraop Medications - Tranexamic Acid** SeqNo: 1513 Short Name: Core: Yes IMedTran Harvest: Yes Definition: Indicate whether the patient received Tranexamic Acid in the operating room. Harvest Coding: 1 = Yes2 = NoValid 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 ParentShortName: OpCAB ACCField: Not mapped ParentValue: = "Yes" Dist Anast - Vein # SeqNo: 1530 Field Name: Short Name: DistVein Core: Yes Harvest: Yes

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

Valid Data:	0 - 9		
Usual Range:	Telesco.		
Format:	Integer		
Data Source:	User	Parent Field: CAB	
ACCField:	Not mapped	ParentShortName: OpCAB	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Dist Anast - Vein Harvest Technique		SeqNo: 1531
Short Name:	DistVeinHTech		Core: Yes
			Harvest: Yes
Definition: In	dicate the technique used to harvest the veir	n graft(s).	
Harvest Codin	g: 1 = Endovascular 2 = Direct Vision 3 = Both		
Valid Data:	Endovascular; Direct Vision; Both		
Usual Range:			
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field: Dist Anast - Ve	in #
ACCField:	Not mapped	ParentShortName: DistVein	
		ParentValue: >0	
Field Name:	Saphenous Vein Harvest Time		SeqNo: 1532
Short Name:	SaphHrvstT		Core: Yes
			Harvest: Yes
Definition: In	dicate the total time in minutes for saphenou	us vein harvest.	
Harvest Codin	g:		
Valid Data:	1 - 99		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field: Dist Anast - Ve	in #
ACCELL	Not mapped	ParentShortName: DistVein	
ACCFiela:		ParentValue: >0	
ACCFiela:			
ACCField:	Anastomotic Device Used		SeaNo: 1540
Field Name:	Anastomotic Device Used AnasDevU		SeqNo: 1540 Core: Yes

Harvest Coding: 1 = Yes2 = No

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Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: CAB	
ACCField:	Not mapped	ParentShortName: OpCAB	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Anastomotic Device		SeqNo: 1550
Short Name:	AnasDev		Core: Yes
			Harvest: Yes
	icate which type of anastomotic of on Distal Anastomosis.	levice was used. If more than one device	used, indicate device
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 speci	fied by STS)	
Data Source:	User	Parent Field: Anastomotic	Device Used
ACCField:	Not mapped	ParentShortName: AnasDev	vU
		<i>ParentValue:</i> = "Yes"	
Field Name:	IMA Artery Used		SeqNo: 1560
Short Name:	IMAArtUs		Core: Yes
			Harvest: Yes
Definition: Indi	cate which, if any, Internal Man	nmary Artery(ies) (IMA) were used for gra	afts.
Harvest Coding:	 1 = Left IMA 2 = Right IMA 3 = Both IMAs 4 = No IMA 		
Valid Data:	Left IMA; Right IMA; Both I	MAs; No IMA	
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: CAB	
ACCField:	Not mapped	ParentShortName: OpCAB	
		<i>ParentValue:</i> = "Yes"	
Field Name:	IMA Harvest Technique		SeqNo: 1570
	1		-
Short Name:	IMATechn		Core: Yes

Definition: Indicate the technique of IMA harvest.

Usual Range:		
Format:	Text (categorical values specified by STS	5)
Data Source:	User	Parent Field: IMA Artery Used
ACCField:	Not mapped	ParentShortName: IMAArtUs
		<i>ParentValue:</i> = "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: R	adial Artery Used	SeqNo: 1590
Short Name: R	adArtUs	Core: Yes
		Harvest: Yes
No R Left Righ	ate which radial artery(ies) was/were used adial artery Radial artery t Radial artery Radial arteries	
Harvest Coding:	1 = No Radial 2 = Left Radial 3 = Right Radial 4 = Both Radials	
Valid Data:	No Radial; Left Radial; Right Radial; Bo	th Radials
Usual Range:		
Format:	Text (categorical values specified by STS	3)
Data Source:	User	Parent Field: CAB
ACCField:	Not mapped	ParentShortName: OpCAB
		ParentValue: = "Yes"

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Field Name:	Radial Dist Anast #		SeqNo: 1600
Short Name:	NumRadDA		Core: Yes
			Harvest: Yes
Definition: In	dicate the total number of distal anastomose	s done using radia	l artery grafts.
Harvest Codin	<i>ig:</i>		
Valid Data:	0 - 6		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field:	Radial Artery Used
ACCField:	Not mapped	ParentShortNa	me: RadArtUs
			= "Left Radial", "Right Radial", or "Both Radials"
Field Name:	Radial Dist Anast Harvest Technique		SeqNo: 1601
Short Name:	RadHTech		Core: Yes
			Harvest: Yes
Definition: Ir	dicate the technique used to harvest the radia	al artery(s).	
Harvest Codin	g: 1 = Endovascular 2 = Direct Vision 3 = Both		
Valid Data:	Endovascular; Direct Vision; Both		
Usual Range:			
Format:	Text (categorical values specified by ST	ГS)	
Data Source:	User	Parent Field:	Radial Dist Anast #
ACCField:	Not mapped	ParentShortNa	me: NumRadDA
		ParentValue:	> 0
Field Name:	Radial Artery Harvest Time		SeqNo: 1602
Short Name:	RadHrvstT		<i>Core:</i> Yes
			Harvest: Yes
Definition: Ir	dicate the total time in minutes for radial art	ery harvesting.	
Harvest Codin	g:		
Valid Data:	1 - 99		
Usual Range:			
Format:	Integer		
Data Source:	User	Parent Field•	Radial Dist Anast #
ACCField:	Not mapped		me: NumRadDA
	······································	ParentValue:	
Field Name:	GEPA Dist Anast #		SaaNo. 1610
Short Name:	GEPA Dist Anast # NumGEPDA		SeqNo: 1610 Core: Yes
Short Ivame?	MUIIOLIDA		Core: 1es

Harvest: Yes

Definition: Indicate the total number of distal anastomoses done using gastro-epiploic artery grafts.

0 - 6	
Integer	
User	Parent Field: CAB
Not mapped	ParentShortName: OpCAB
	ParentValue: = "Yes"
her Arterial Distal Anastomoses #	SeqNo: 1620
ImOArtD	Core: Yes
	Harvest: Yes
te the number of arterial distal anastomos	es that were used, other than radial, GEPA or IMA.
0 - 6	
Integer	
User	Parent Field: CAB
Not mapped	ParentShortName: OpCAB
	ParentValue: = "Yes"
	0 - 6 Integer User Not mapped her Arterial Distal Anastomoses # mOArtD te the number of arterial distal anastomose 0 - 6 Integer User Not mapped

	K. Val	ve Surgery	
Field Name:	VS-Aortic Proc-Procedure		SeqNo: 1630
Short Name: 0	DpAortic		Core: Yes
			Harvest: Yes
folla a. N b. R c. R d. R e. R f. Ra g. R h. R	cate whether a surgical procedure was owing: o eplacement epair/Reconstruction oot Reconstruction with Valve Condui eplacement + Aortic Graft Conduit (no oot Reconstruction w/ Valve Sparing esuspension Aortic Valve with Replace esuspension Aortic Valve without Rep esection Sub-Aortic Stenosis	t t a valve conduit) ement of Ascending aorta	ve. Select one of the
Harvest Coding:	 1 = No 2 = Replacement 3 = Repair/Reconstruction 4 = Root Reconstruction with Valve 8 = Replacement + Aortic Graft Con 5 = Root Reconstruction with Valve 9 = Resuspension Aortic Valve with 10 = Resuspension Aortic Valve with 7 = Resection Sub-Aortic Stenosis 	nduit (not a valve conduit) Sparing Replacement of Ascending aorta	orta
/alid Data:	No; Replacement; Repair/Reconstru Replacement + Aortic Graft Condui Sparing; Resuspension Aortic Valve Aortic Valve without Replacement of	t (not a valve conduit); Root Recon e with Replacement of Ascending a	struction with Valve orta; Resuspension
Usual Range:			
Format:	Text (categorical values specified by	y STS)	
Data Source:	User	Parent Field: Valve	
ACCField:	Not mapped	ParentShortName: OpValve	e
		<i>ParentValue:</i> = "Yes"	
Field Name:	VS-Mitral Proc-Procedure		SeqNo: 1640
	DpMitral		Core: Yes
	- r		Harvest: Yes
follo a. N b. A c. R d. R	cate whether a surgical procedure was owing: o nnuloplasty only eplacement econstruction with Annuloplasty econstruction without Annuloplasty	done or not done on the Mitral Val	
Harvest Coding:		•	

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Valid Data:	No; Annuloplasty Only; Repl without Annuloplasty	acement; Reconstruction with Annulop	lasty; Reconstruction
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Valve	
ACCField:	Not mapped	ParentShortName: OpVa	lve
		<i>ParentValue:</i> = "Yes"	
Field Name:	VS-Mitral Repair Attempt		SeqNo: 1641
Short Name:	MitralIntent		Core: Yes
			Harvest: Yes
Definition: Inc	licate whether a Mitral Valve Rep	air was attempted prior to the Mitral Va	alve Replacement.
Harvest Coding	$\begin{array}{ll} \mathbf{g}: & 1 = \mathbf{Y}\mathbf{e}\mathbf{s} \\ & 2 = \mathbf{N}\mathbf{o} \end{array}$		
Valid Data: Usual Range:	Yes; No		
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: VS-Mitral	Proc-Procedure
ACCField:	Not mapped	ParentShortName: OpMit	
		ParentValue: = "Replace	
Field Name:	VS-Tricuspid Proc-Procedure		SeqNo: 1650
Short Name:	OpTricus		Core: Yes
	1		Harvest: Yes
the	licate whether a surgical procedur		
b. c. d. e.	e following: No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy	7	d Valve. Select one of
b. c. d. e.	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy	, asty ıloplasty	d Valve. Select one of
b. c. d. e. f. Harvest Coding	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy g: 1 = No 2 = Annuloplasty Only 3 = Replacement 4 = Reconstruction with Annu 5 = Reconstruction without A 6 = Valvectomy	asty uloplasty nnuloplasty acement; Reconstruction with Annulop	
b. c. d. e. f. Harvest Coding Valid Data:	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy g: 1 = No 2 = Annuloplasty Only 3 = Replacement 4 = Reconstruction with Annu 5 = Reconstruction without A 6 = Valvectomy No; Annuloplasty Only; Repl.	asty uloplasty nnuloplasty acement; Reconstruction with Annulop	
b. c. d. e. f. Harvest Coding Valid Data: Usual Range:	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy g: 1 = No 2 = Annuloplasty Only 3 = Replacement 4 = Reconstruction with Annu 5 = Reconstruction without A 6 = Valvectomy No; Annuloplasty Only; Repl.	asty uloplasty nnuloplasty acement; Reconstruction with Annulop ctomy	
b. c. d. e. f. Harvest Coding Valid Data: Usual Range: Format:	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy g: 1 = No 2 = Annuloplasty Only 3 = Replacement 4 = Reconstruction with Annu 5 = Reconstruction without A 6 = Valvectomy No; Annuloplasty Only; Repl. without Annuloplasty; Valvec	asty uloplasty nnuloplasty acement; Reconstruction with Annulop ctomy	
b. c. d. e. f.	No Annuloplasty Only Replacement Reconstruction with Annuloplasty Reconstruction without Annulopla Valvectomy g: 1 = No 2 = Annuloplasty Only 3 = Replacement 4 = Reconstruction with Annu 5 = Reconstruction without A 6 = Valvectomy No; Annuloplasty Only; Repl. without Annuloplasty; Valvec Text (categorical values speci	asty uloplasty nnuloplasty acement; Reconstruction with Annulop ctomy fied by STS)	lasty; Reconstruction

STS Adult Cardiac Data Specifications

August 24, 2007

Version 2.61

Field Name:	VS-Pulmonic Proc-Procedure		SeqNo: 1660
Short Name:	OpPulm		Core: Yes
			Harvest: Yes
th a. b.	dicate whether a surgical procedure was de e following: No Replacement Reconstruction	one or not done on the Pulmonic V	alve. Select one of
Harvest Codin	g: $1 = No$ 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	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VS A outin Dung A outin Annulau onlaw		SegNov 1670
Short Name:	VS-Aortic Proc-Aortic Annular enlarg	gement	SeqNo: 1670
	AnlrEnl		Cora. Vos
Definition: In	AnlrEnl dicate whether an annular enlargement pro		
<i>Definition:</i> In ar er	dicate whether an annular enlargement pro nular enlargement is defined as incision of nlargement techniques, include but are not	f the aortic annulus to enlarge the a	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
<i>Definition:</i> In ar er <i>Harvest Codin</i>	dicate whether an annular enlargement pro- nular enlargement is defined as incision of alargement techniques, include but are not g: 1 = Yes 2 = No	f the aortic annulus to enlarge the a	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data:	dicate whether an annular enlargement pro- nular enlargement is defined as incision of a largement techniques, include but are not g: 1 = Yes	f the aortic annulus to enlarge the a	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data: Usual Range:	dicate whether an annular enlargement pro- nular enlargement is defined as incision of alargement techniques, include but are not g: 1 = Yes 2 = No	f the aortic annulus to enlarge the a limited to Manouguian, Konno and	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data: Usual Range: Format:	dicate whether an annular enlargement pro- nular enlargement is defined as incision o alargement techniques, include but are not g: 1 = Yes 2 = No Yes; No	f the aortic annulus to enlarge the a limited to Manouguian, Konno and	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data: Usual Range: Format: Data Source:	dicate whether an annular enlargement pro- nular enlargement is defined as incision o- nlargement techniques, include but are not g: 1 = Yes 2 = No Yes; No Text (categorical values specified by	f the aortic annulus to enlarge the a limited to Manouguian, Konno and STS)	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data: Usual Range: Format: Data Source:	dicate whether an annular enlargement pro- nular enlargement is defined as incision of alargement techniques, include but are not g: 1 = Yes 2 = No Yes; No Text (categorical values specified by User Not mapped	f the aortic annulus to enlarge the a limited to Manouguian, Konno and STS) Parent Field: Valve ParentShortName: OpValve ParentValue: = "Yes"	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
<i>Definition:</i> In ar	dicate whether an annular enlargement pro- nular enlargement is defined as incision o- nlargement techniques, include but are not g: 1 = Yes 2 = No Yes; No Text (categorical values specified by User Not mapped	f the aortic annulus to enlarge the a limited to Manouguian, Konno and STS) Parent Field: Valve ParentShortName: OpValve ParentValue: = "Yes"	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul Nicks.
Definition: In ar er Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	dicate whether an annular enlargement pro- nular enlargement is defined as incision of alargement techniques, include but are not g: 1 = Yes 2 = No Yes; No Text (categorical values specified by User Not mapped	f the aortic annulus to enlarge the a limited to Manouguian, Konno and STS) Parent Field: Valve ParentShortName: OpValve ParentValue: = "Yes"	<i>Harvest:</i> Yes ic Valve. An aortic ortic orifice. Annul
Definition: In ar er Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	dicate whether an annular enlargement pro- nular enlargement is defined as incision or alargement techniques, include but are not g: 1 = Yes 2 = No Yes; No Text (categorical values specified by User Not mapped VS-Aortic Proc-Imp-Type	f the aortic annulus to enlarge the a limited to Manouguian, Konno and STS) Parent Field: Valve ParentShortName: OpValve ParentValue: = "Yes"	Harvest: Yes ic Valve. An aortic ortic orifice. Annul Nicks. SeqNo: 1680

STS Adult Cardi	ac Data Specifications	August 24, 2007	Version 2.67
Harvest Coding:	 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty 		
Valid Data:	None; Mechanical; Bioprosthesi Band/Annuloplasty	s; Homograft; Autograft (Ross); H	Ring/Annuloplasty;
Usual Range:			
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: VS-Aor	tic Proc-Procedure
ACCField:	Not mapped	ParentShortName: Op	Aortic
		ParentValue: <> "No'	' And Is Not Missing
Field Name: V	S-Aortic Proc-Imp		SeqNo: 1690
Short Name: V	/SAoIm		Core: Yes
			Harvest: Yes
Definition: Indic	ate the name of the prosthesis imp	lanted.	
Harvest Coding:		chanical Prosthesis osthesis uscending Aortic Valved Conduit Valsalva Ascending Aortic Valved f Aortic Valve tic Valve ra-annular Aortic Valve tral Valve ral Valve sal Valve Aortic and Mitral Valves Prosthesis Prosthesis it Mechanical Prosthesis osthesis	

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-Shilev 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

ACCField: Not mapped ParentSh ParentVa Field Name: VS-Aortic Proc-Imp-Size Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty BA = Band/Annuloplasty Harvest Coding: 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplas	7 Version 2.61
Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa ParentVa Field Name: VS-Aortic Proc-Imp-Size Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User ParentVa ParentVa Parent F ACCField: Not mapped ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMilmTy Definition: Indicate the type of implant; choose one: None Maint Mathematical 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; Auto Band/Annuloplasty 7 = Band/Annuloplasty 7 = Band/Annuloplasty Valid Data: <td></td>	
ACCField: Not mapped ParentSh ParentVa Field Name: VS-Aortic Proc-Imp-Size Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty BA = Band/Annuloplasty Harvest Coding: 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty T = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Field Name: VS-Aortic Proc-Imp-Size Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Parent F Data Source: User Parent P ACCField: Not mapped Parent Va Field Name: VS-Mitral Proc-Imp-Type Short Name: Short Name: VSMilmTy VSMilmTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty BA = Band/Annuloplasty BA = Band/Annuloplasty Harvest Coding: 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty 7 = Band/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty 7 = Band/Annuloplasty 7 = Band/Annuloplast	d: VS-Aortic Proc-Imp-Type
Field Name: VS-Aortic Proc-Imp-Size Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 Harvest Coding: 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	rtName: VSAoImTy
Short Name: VSAoImSz Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 T = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	<i>ue:</i> <> "None"
Definition: Indicate the Aortic implant size. Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 Walid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped	SeqNo: 1700
Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	Core: Yes
Harvest Coding: Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 T = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	Harvest: Yes
Valid Data: 5 - 50 Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentNa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Valid Data: Vser Parent F Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Usual Range: 10 - 40 Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy 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 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Format: Integer Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Vsual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Data Source: User Parent F ACCField: Not mapped ParentSh ParentVa ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty BA = Band/Annuloplasty Harvest Coding: 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty F = Homograft 7 = Band/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Vsual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
ACCField: Not mapped ParentSh ParentVa ParentVa Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMiImTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Autograft; Autograft Source: User Parent F Pormat: Text (categorical values specified by STS) Data Source: Data Source: User Parent F	
Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMilmTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	d: VS-Aortic Proc-Imp-Type
Field Name: VS-Mitral Proc-Imp-Type Short Name: VSMilmTy Definition: Indicate the type of implant; choose one: None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	rtName: VSAoImTy
Short Name: VSMiImTy 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; AutoBand/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped	<i>e:</i> <> "None"
Short Name: VSMiImTy 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; AutoBand/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped	SeqNo: 1740
NoneM = MechanicalB = BioprosthesisH = HomograftA = Autograft (Ross)R = Ring/AnnuloplastyBA = Band/AnnuloplastyHarvest Coding:1 = None2 = Mechanical3 = Bioprosthesis4 = Homograft5 = Autograft (Ross)6 = Ring/Annuloplasty7 = Band/AnnuloplastyValid Data:None; Mechanical; Bioprosthesis; Homograft; Auto Band/AnnuloplastyValid Data:Format:Text (categorical values specified by STS)Data Source:UserParent FACCField:Not mapped	Core: Yes
NoneM = MechanicalB = BioprosthesisH = HomograftA = Autograft (Ross)R = Ring/AnnuloplastyBA = Band/AnnuloplastyHarvest Coding:1 = None2 = Mechanical3 = Bioprosthesis4 = Homograft5 = Autograft (Ross)6 = Ring/Annuloplasty7 = Band/AnnuloplastyValid Data:None; Mechanical; Bioprosthesis; Homograft; Auto Band/AnnuloplastyValid Data:Format:Text (categorical values specified by STS)Data Source:UserParent FACCField:Not mapped	Harvest: Yes
M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Vsual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/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; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
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 Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Vsual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
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; Auto Band/Annuloplasty Vsual Range: Format: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Harvest Coding:1 = None2 = Mechanical3 = Bioprosthesis4 = Homograft5 = Autograft (Ross)6 = Ring/Annuloplasty7 = Band/AnnuloplastyValid Data:None; Mechanical; Bioprosthesis; Homograft; Auto Band/AnnuloplastyUsual Range:Format:Text (categorical values specified by STS)Data Source:UserParent FACCField:Not mapped	
2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped	
6 = Ring/Annuloplasty 7 = Band/Annuloplasty Valid Data: None; Mechanical; Bioprosthesis; Homograft; Auto Band/Annuloplasty Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent F ACCField: Not mapped ParentSh	
Valid Data:None; Mechanical; Bioprosthesis; Homograft; Auto Band/AnnuloplastyUsual Range:Format:Text (categorical values specified by STS)Data Source:UserACCField:Not mapped	
Band/AnnuloplastyUsual Range:Format:Text (categorical values specified by STS)Data Source:UserParent FACCField:Not mappedParentSh	
Usual Range:Format:Text (categorical values specified by STS)Data Source:UserParent FACCField:Not mappedParentSh	aft (Ross); Ring/Annuloplasty;
Data Source:UserParent FACCField:Not mappedParentSh	
ACCField: Not mapped ParentSh	
	d: VS-Mitral Proc-Procedure
ParentVc	rtName: OpMitral
	ue: <> "No" And Is Not Missing
Field Name: VS-Mitral Proc-Imp	SeqNo: 1750

Short Name:

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 Valve ;
Edwards Tekna Mechanical Prosthesis; Lillehei-Kaster Mechanical Prosthesis ; MCRI On-X
Mechanical Prosthesis ; Sorin Bicarbon (Baxter Mira) Mechanical Prosthesis ; Sorin
Monoleaflet Allcarbon Mechanical Prosthesis; St. Jude Medical Mechanical Prosthesis or St.
Jude Medical Mechanical 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
		<i>ParentValue:</i> <> "None"

Field Name:VS-Mitral Proc-Imp-SizeShort Name:VSMiImSz

SeqNo: 1760 Core: Yes Harvest: Yes

Definition: Indicate the Mitral implant size

Harvest Coding:

Valid Data:	5 - 50
Usual Range:	10 - 40
Format:	Integer

STS Adult Card	diac Data Specifications	August 24, 2007	Version 2.6
Data Source:	User	Parent Field: VS-Mitral Pro	oc-Imp-Type
ACCField:	Not mapped	ParentShortName: VSMiIm	Ту
		<i>ParentValue:</i> <> "None"	
Field Name:	VS-Tricuspid Proc-Imp-Type		SeqNo: 1800
Short Name:	VSTrImTy		Core: Yes
			Harvest: Yes
Nor M = B = H = A = R =	icate the type of implant; choose one = Mechanical = Bioprosthesis = Homograft = Autograft (Ross) = Ring/Annuloplasty = Band/Annuloplasty	one:	
Harvest Coding.	2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty		
Valid Data:	None; Mechanical; Bioprosthe Band/Annuloplasty	sis; Homograft; Autograft (Ross); Ring/A	nnuloplasty;
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: VS-Tricuspid	Proc-Procedure
ACCField:	Not mapped	ParentShortName: OpTricus	5
		ParentValue: <> "No" And	Is Not Missing
Field Name:	VS-Tricuspid Proc-Imp		SeqNo: 1810
Short Name:	VSTrIm		Core: Yes
			Harvest: Yes
Definition: Ind	icate the name of the prosthesis im	nplanted.	
Harvest Coding.	3 = Björk-Shiley Convex-Conc 4 = Björk-Shiley Monostrut M 6 = CarboMedics Mechanical I 57 = CarboMedics Carbo-Seal	cave Mechanical Prosthesis echanical Prosthesis Prosthesis Ascending Aortic Valved Conduit Prosth Valsalva Ascending Aortic Valved Cond uff Aortic Valve ortic Valve upra-annular Aortic Valve 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:

Text (categorical values specified by STS	5)
User	Parent Field: VS-Tricuspid Proc-Imp-Type
Not mapped	ParentShortName: VSTrImTy
	ParentValue: <> "None"
	User

Field Name:	VS-Tricuspid Proc-Imp-Size
Short Name:	VSTrImSz

SeqNo: 1820 Core: Yes Harvest: Yes

Definition: Indicate the Tricuspid implant size.

A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty

Harvest Coding:

Valid Data:	5 - 50	
Usual Range:	10 - 40	
Format:	Integer	
Data Source:	User	Parent Field: VS-Tricuspid Proc-Imp-Type
ACCField:	Not mapped	ParentShortName: VSTrImTy
		<i>ParentValue:</i> <> "None"

Field Name:	VS-Pulmonic Proc-Imp-Type	SeqNo: 1860
Short Name:	VSPuImTy	Core: Yes
		Harvest: Yes
N N B	ndicate the type of implant; choose one: Ione I = Mechanical I = Bioprosthesis I = Homograft	

Harvest Coding:	1 = None		
	 1 = None 2 = Mechanical 3 = Bioprosthesis 4 = Homograft 5 = Autograft (Ross) 6 = Ring/Annuloplasty 7 = Band/Annuloplasty 		
Valid Data:	None; Mechanical; Bioprost Band/Annuloplasty	hesis; Homograft; Autograft (Ross); Ring/	Annuloplasty;
Usual Range:			
Format:	Text (categorical values spec	cified by STS)	
Data Source:	User	Parent Field: VS-Pulmoni	c Proc-Procedure
ACCField:	Not mapped	ParentShortName: OpPulm	1
		ParentValue: <> "No" And	l Is Not Missing
T , 11 M			G N 1070
	VS-Pulmonic Proc-Imp		SeqNo: 1870
Short Name:	VSPuIm		Core: Yes Harvest: Yes
Harvest Coding:	2 = ATS Mechanical Prosthe	sis	
	3 = Björk-Shiley Convex-Co 4 = Björk-Shiley Monostrut 6 = CarboMedics Mechanica		

- 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-Shilev 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

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Usual Range:			
Format:	Text (categorical values specified by STS)		
Data Source:	User	Parent Field: VS-Pulmor	nic Proc-Imp-Type
ACCField:	Not mapped	ParentShortName: VSPul	ImTy
		<i>ParentValue:</i> <> "None"	
Field Name:	VS-Pulmonic Proc-Imp-Size		SeqNo: 1880
Short Name:	VSPuImSz		Core: Yes
			Harvest: Yes
Definition: Ind	icate the Pulmonic implant size.		
Harvest Coding	:		
/alid Data:	5 - 50		
Usual Range:	10 - 40		
Format:	Integer		
Data Source:	User	Parent Field: VS-Pulmor	nic Proc-Imp-Type
ACCField:	Not mapped	ParentShortName: VSPul	ImTy
		ParentValue: <> "None"	
Field Name:	Valve Implant List Version Numb	er	SeqNo: 1881
Short Name:	ValveVrsn		Core: Yes
			Harvest: Yes
	e version number of the list of valve i e the record is created. The version i		
Harvest Coding	: "2.61.1"		
Valid Data:	(assigned value, automatically ins	serted by software)	
Usual Range:			
Format:	Text		
Data Source:	Automatic	Parent Field: Valve	
ACCField:	Not mapped	ParentShortName: OpVa	lve
		<i>ParentValue:</i> = "Yes"	

STS Adult Cardiac Data Specifications

Version 2.61

L	L. VA	D
Field Name:	AD-Previous VAD	SeqNo: 1920
Short Name: P	revVAD	Core: Yes
		Harvest: Yes
		lization, received a mechanical ventricular assist 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	5)
Data Source:	User	Parent Field: VAD
ACCField:	Not mapped	ParentShortName: VAD
		<i>ParentValue:</i> = "Yes"
Field Namer	hand VAD Easilit	C N - 1021
	Previous VAD Facility PrevVADF	SeqNo: 1921 Core: Yes
Snon Ivame: P		<i>Core:</i> Yes <i>Harvest:</i> Yes
Definition In 1	cate if the previously implanted assist device	
		e was implanted at another facility.
Definition: Indic Harvest Coding:	1 = Yes 2 = No	e was implanted at another facility.
	1 = Yes	e was implanted at another facility.
Harvest Coding: Valid Data:	1 = Yes $2 = No$	e was implanted at another facility.
Harvest Coding:	1 = Yes $2 = No$	
Harvest Coding: Valid Data: Usual Range:	1 = Yes 2 = No Yes; No	
Harvest Coding: Valid Data: Usual Range: Format: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified by STS	;)
Harvest Coding: Valid Data: Usual Range: Format: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified by STS User	S) Parent Field: VAD-Previous VAD
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes"
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: V	1 = Yes 2 = No Yes; No Text (categorical values specified by STS User	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: V	1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped	9) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: N Short Name: N Definition: The	 1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped VAD Product Type List Version Number VAD Product Type List Version Number VAD ListVrsn version number of the list of options available ted into the record at the time the record is of the list of of t	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The inser	 1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped VAD Product Type List Version Number VAD Product Type List Version Number VAD ListVrsn version number of the list of options available ted into the record at the time the record is of the list of of t	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: N Short Name: N Definition: The inser the S Harvest Coding:	<pre>1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped //AD Product Type List Version Number //ADListVrsn version number of the list of options available ted into the record at the time the record is of 'TS. "2.61.1"</pre>	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is created. The version numbers will be specified by
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: N Short Name: N Definition: The inser the S	 1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped VAD Product Type List Version Number VADListVrsn version number of the list of options available ted into the record at the time the record is of STS.	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is created. The version numbers will be specified by
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Short Name: V Definition: The inser the S Harvest Coding: Valid Data:	<pre>1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped //AD Product Type List Version Number //ADListVrsn version number of the list of options available ted into the record at the time the record is of 'TS. "2.61.1"</pre>	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is created. The version numbers will be specified by
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: N Short Name: N Definition: The inser the S Harvest Coding: Valid Data: Usual Range:	<pre>1 = Yes 2 = No Yes; No Text (categorical values specified by STS User Not mapped //AD Product Type List Version Number //ADListVrsn version number of the list of options available ted into the record at the time the record is of STS. "2.61.1" (assigned value, automatically inserted by</pre>	5) Parent Field: VAD-Previous VAD ParentShortName: PrevVAD ParentValue: = "Yes" SeqNo: 1922 Core: Yes Harvest: Yes ble for the VAD product type fields. The value is created. The version numbers will be specified by

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 (5 = Device Malfunction 6 = End of Life 	separation from CPB)			
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: V	AD-Intubated Pre-VAD	SeqNo: 1940			
Short Name: In	ntPVAD	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:

STS Adult Ca	ardiac Data Specifications	August 24, 2007	Version 2.61
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-VAD	D-PCWP	SeqNo: 1950
Short Name:	HPVPCWP		Core: Yes
			Harvest: Yes
	dicate the Pulmonary Capillary Wo duction in the OR, or in an ICU in	edge Pressure (PCWP) in mm/Hg as detern amediately prior to the OR.	nined prior to
Harvest Codin	g:		
Valid Data:	1 - 50		
Usual Range:	5 - 30		
Format:	Integer		
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-VAD	D-CVP	SeqNo: 1960
Short Name:	HPVCVP		Core: Yes Harvest: Yes
Definitions In	linete the Control Veneral Dream		
	nmediately prior to the OR.	e (CVP) in mm/Hg prior to induction in the	OK, of in an ICU
Harvest Codin	<i>g</i> :		
Valid Data:	1 - 50		
Usual Range:	5 - 10		
Format:	Integer		
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
ACCI leiu.	Not mapped	ParentValue: = "Yes"	
Field Name:	VAD-Hemodynamics Pre-VAD)-PVR	SeqNo: 1970
Short Name:	HPVPVR		Core: No
			Harvest: No
in	•	sistance (PVR) prior to induction in the OI collect the value in woods units. If your i ng the formula below.	
	VR in woods units = (MPAP-PCW VR in dynes sec/cm5 = (MPAP-PC		
Harvest Codin	ig:		
Valid Data:	0.5 - 12.0		
Usual Range:	0.5 - 8.0		

STS Adult Ca	rdiac Data Specifications	August 24, 2007	Version 2.61
Format:	Real number 2.1 digits e.g	g. 99.9	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-V	VAD-CI	SeqNo: 1980
Short Name:	HPVCI		Core: Yes
			Harvest: Yes
	dicate the Cardiac Index (CI) i mediately prior to the OR.	n L/(min x m2) prior to induction in the OR,	or in an ICU
Harvest Codin	g:		
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	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-V	AD-RVEF	SeqNo: 1990
Short Name:	HPVRVEF		Core: Yes
			Harvest: Yes
	dicate the Right Ventricular Fu the VAD implant as possible.	unction prior to anesthesia induction in the O	R and as close to time
Harvest Codin			
	2 = Mildly Impaired 3 = Moderately Impaired		
	4 = Severely Impaired		
Valid Data:	Normal; Mildly Impaired;	Moderately Impaired; Severely Impaired	
Usual Range:			
Format:	Text (categorical values sp	pecified by STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-V	AD-RVEF Method	SeqNo: 2000
Short Name:	HPVRVMth		Core: No
			Harvest: No
Definition: In	dicate the method the RV Fund	ction was obtained.	
Harvest Codin	g: 1 = PreOp Echo 2 = Intraop preVAD TEE		
Valid Data:	PreOp Echo; Intraop preV	AD TEE	
Usual Range:			

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Format:	Text (categorical values specified by S	ΓS)	
Data Source:	User	Parent Field: VAD-Hemodyna RVEF	amics Pre-VAD-
ACCField:	Not mapped	ParentShortName: HPVRVEF	
		ParentValue: Is Not Missing	
Field Name:	VAD-Hemodynamics Pre-VAD-PVO2 N	Jeasured	SeqNo: 2010
	HPVPVO2M	icubul cu	Core: No
			Harvest: No
	cate whether the peak VO2 was measured or to the OR.	prior to induction in the OR, or in a	an ICU immediately
Harvest Coding:	1 = Yes 2 = No		
Valid Data: Usual Range:	Yes; No		
Format:	Text (categorical values specified by S	TS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Hemodynamics Pre-VAD-PVO2		SeqNo: 2020
	HPVPVO2		Core: No
			Harvest: No
	cate the peak VO2 in ml/kg/min prior to in OR.	nduction in the OR, or in an ICU in	mediately prior to
Harvest Coding:			
Valid Data:	5 - 30		
Usual Range:	5 - 15		
Format:	Integer		
Data Source:	User	Parent Field: VAD-Hemodyna PVO2 Measured	
ACCField:	Not mapped	ParentShortName: HPVPVO2	М
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Implant Type		SeqNo: 2030
	VImpTy		Core: Yes
			Harvest: Yes
Definition: Indi	cate the initial type of VAD implanted.		
Harvest Coding:	 1 = RVAD - Right Ventricular Assist D 2 = LVAD - Left Ventricular Assist De 3 = BiVAD - BiVentricular Assist Devi 4 = TAH - Total Artificial Heart 	vice	
Valid Data:	RVAD - Right Ventricular Assist Device	ce; LVAD - Left Ventricular Assist	Device; BiVAD -
	1	VAD	Page 110 of 16

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	BiVentricular Assist Device; T	AH - Total Artificial Heart	
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name: V	AD-Initial VAD Cannulation/A	Attach Site - LVAD Inflow	SeqNo: 2032
Short Name: L	VADInf		Core: Yes
			Harvest: Yes
LVA	D inflow is defined as the anator nduit that provides the flow of bl	low site as the left atrium (LA) or the nic location (left atrium or left ventric) ood from the heart to the VAD pump.	le) for the VAD cannula
	2 = Left Ventricle		
Valid Data:	Left Atrium; Left Ventricle		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD-Impl	ant Type
ACCField:	Not mapped	ParentShortName: VImp	Гу
		ParentValue: = "LVAD",	, "BiVAD", or "TAH"
Field Name: V	AD-Initial VAD Cannulation/A	Attach Site - RVAD Inflow	SeqNo: 2033
	VADInf		Core: Yes
			Harvest: Yes
The I	RVAD inflow is defined as the an	low site as the right atrium (RA) or the natomic location (right atrium or right ow of blood from the heart to the VA	ventricle) for the VAD
Harvest Coding:	1 = Right Atrium 2 = Right Ventricle		
Valid Data:	Right Atrium; Right Ventricle		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD-Impl	ant Type
ACCField:	Not mapped	ParentShortName: VImp	Гу
		ParentValue: = "RVAD",	, "BiVAD" or "TAH"
Field Name: V	AD-Product Type		SeaNo: 2040
	AD-Product Type ProdTy		SeqNo: 2040 Core: 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:	VAD; TandemHeart pVAD; A	Novacor LVAS; Heartsaver VAD; Jar B-180 iVAD; CardioWest TAH; Thor rtMate SNAP-VE; HeartMate XVE ; F ;; Excor; Other	atec IVAD; HeartMate
Usual Range:			
-	Text (categorical values specif	ied by STS)	
Format:		• · · ·	ant Type
Usual Range: Format: Data Source: ACCField:	User	Parent Field: VAD-Impl	•••
Format: Data Source:		• · · ·	Гу
Format: Data Source: ACCField:	User Not mapped	Parent Field: VAD-Impl ParentShortName: VImp	Гу ing
Format: Data Source:	User	Parent Field: VAD-Impl ParentShortName: VImp	Гу
Format: Data Source: ACCField: Field Name:	User Not mapped VAD-Implant Date	Parent Field: VAD-Impl ParentShortName: VImp	ry ing SeqNo: 2050
Format: Data Source: ACCField: Field Name: Short Name:	User Not mapped VAD-Implant Date	Parent Field: VAD-Impl ParentShortName: VImp ParentValue: Is Not Miss	ry ing SeqNo: 2050 Core: Yes
Format: Data Source: ACCField: Field Name: Short Name:	User Not mapped VAD-Implant Date VImpDt ndicate the date the VAD was implan	Parent Field: VAD-Impl ParentShortName: VImp ParentValue: Is Not Miss	ry ing SeqNo: 2050 Core: Yes
Format: Data Source: ACCField: Field Name: Short Name: Definition: It Harvest Codin Valid Data:	User Not mapped VAD-Implant Date VImpDt ndicate the date the VAD was implan	Parent Field: VAD-Impl ParentShortName: VImp ParentValue: Is Not Miss	ry ing SeqNo: 2050 Core: Yes
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range:	User Not mapped VAD-Implant Date VImpDt ndicate the date the VAD was implan	Parent Field: VAD-Impl ParentShortName: VImp ParentValue: Is Not Miss	ry ing SeqNo: 2050 Core: Yes
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format:	User Not mapped VAD-Implant Date VImpDt adicate the date the VAD was implanted	Parent Field: VAD-Impl ParentShortName: VImp ParentValue: Is Not Miss nted.	ry ing SeqNo: 2050 Core: Yes Harvest: Yes
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source:	User Not mapped VAD-Implant Date VImpDt adicate the date the VAD was implant <i>tg:</i> Date in the format mm/dd/yyyy User	Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss nted. y Parent Field: VAD-Impl	Ty ing SeqNo: 2050 Core: Yes Harvest: Yes ant Type
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	User Not mapped VAD-Implant Date VImpDt adicate the date the VAD was implant <i>tg:</i> Date in the format mm/dd/yyyy	Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss nted. Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss	Гу ing SeqNo: 2050 Core: Yes Harvest: Yes ant Type Гу
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	User Not mapped VAD-Implant Date VImpDt adicate the date the VAD was implant tg: Date in the format mm/dd/yyyy User Not mapped	Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss nted. Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss	Гу ing SeqNo: 2050 Core: Yes Harvest: Yes ant Type Гу
Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	User Not mapped VAD-Implant Date VImpDt adicate the date the VAD was implant transformed Date in the format mm/dd/yyyy User Not mapped	Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss nted. Parent Field: VAD-Impl ParentShortName: VImp ⁷ ParentValue: Is Not Miss	ry ing SeqNo: 2050 Core: Yes Harvest: Yes ant Type ry ing

Definition: Indicate if the VAD was explanted. Explant is defined as physical removal of the VAD.

Harvest Coding: 1 = Yes2 = No

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Valid Data: Usual Range:	Yes; No		
Format:	Text (categorical values specific	ed by STS)	
Data Source:	User	Parent Field: VAD-Implant	Туре
ACCField:	Not mapped	ParentShortName: VImpTy	
		ParentValue: Is Not Missing	
Field Name:	VAD-Explant Date		SeqNo: 2070
Short Name:	VExpDt		Core: Yes
			Harvest: Yes
Definition: In	dicate the date the VAD was explan	ted.	
Harvest Codin	g:		
Valid Data:			
Usual Range:			
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	Parent Field: VAD-Explant	
ACCField:	Not mapped	ParentShortName: VExp	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Explant Reason		SeqNo: 2080
Short Name:	VExpRsn		Core: 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

Harvest: Yes

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Usual Range:			
Format:	Text (categorical values specifi	ed 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: Inc	licate whether the patient received a	cardiac transplant during this hospitalizati	on.
Harvest Coding	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD-Explant R	eason
ACCField:	Not mapped	ParentShortName: VExpRsn	
		<i>ParentValue:</i> = "Cardiac Trans	plant"
Field Name:	VAD-Cardiac Transplant Date		SeqNo: 2100
Short Name:	VTxDt		Core: Yes
			Harvest: Yes
Definition: Inc	licate 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 R	eason
ACCField:	Not mapped	ParentShortName: VExpRsn	
		<i>ParentValue:</i> = "Cardiac Trans	plant"
Field Name:	VAD-Implant #2		SeqNo: 2129
Short Name:	VImp2		Core: Yes
	Ĩ		Harvest: Yes
Definition: Inc	licate whether a second ventricular	assist device was implanted.	
Harvest Coding	$\begin{array}{l} 1 = \mathrm{Yes} \\ 2 = \mathrm{No} \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD	

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ACCField:	Not mapped	ParentShortName: VAI)
		<i>ParentValue:</i> = "Yes"	
Field Name: V	AD-Implant Type #2		SeqNo: 2130
	ImpTy2		Core: Yes
	p		Harvest: Yes
Definition: Indica	ate the second type of ventricu	lar assist device implanted.	
Harvest Coding:	1 = RVAD - Right Ventricula 2 = LVAD - Left Ventricular 3 = BiVAD - BiVentricular A 4 = TAH - Total Artificial H	Assist Device Assist Device	
Valid Data:	RVAD - Right Ventricular A BiVentricular Assist Device;	ssist Device; LVAD - Left Ventricula TAH - Total Artificial Heart	r Assist Device; BiVAD -
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: VAD-Im	plant #2
ACCField:	Not mapped	ParentShortName: VIm	-
		ParentValue: = "Yes"	
			G N 2121
Field Name: 🛛 🛛 🛛	AD- #2 VAD Cannulation/At	ttach Site - LVAD Inflow	SeqNo: 2131
тт т. I.			
Definition: Indica		nflow site as the left atrium (LA) or th	
<i>Definition:</i> Indica LVAI or cor	At the location of the LVAD in D inflow is defined as the anatonduit that provides the flow of 1 = Left Atrium	nflow site as the left atrium (LA) or th omic location (left atrium or left ventr blood from the heart to the VAD pum	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula
Definition: Indica LVAI or cor Harvest Coding:	ate the location of the LVAD in D inflow is defined as the anatonduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle	omic location (left atrium or left ventr	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula
Definition: Indica LVAI or cor Harvest Coding: Valid Data:	At the location of the LVAD in D inflow is defined as the anatonduit that provides the flow of 1 = Left Atrium	omic location (left atrium or left ventr	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula
Definition: Indica LVAI or cor Harvest Coding: Valid Data:	ate the location of the LVAD in D inflow is defined as the anatonduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle	omic location (left atrium or left ventr	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range:	ate the location of the LVAD in D inflow is defined as the anatonduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle	omic location (left atrium or left ventr blood from the heart to the VAD pum	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format:	ate the location of the LVAD in D inflow is defined as the anato- aduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle	omic location (left atrium or left ventr blood from the heart to the VAD pum	<i>Harvest:</i> Yes the left ventricle (LV). The ticle) for the VAD cannula tp.
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source:	ate the location of the LVAD in D inflow is defined as the anat- induit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec	omic location (left atrium or left ventr blood from the heart to the VAD pum	<i>Harvest:</i> Yes te left ventricle (LV). The icle) for the VAD cannula tp.
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source:	ate the location of the LVAD in D inflow is defined as the anath aduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) <i>Parent Field:</i> VAD-Im	<i>Harvest:</i> Yes te left ventricle (LV). The icle) for the VAD cannula tp.
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	ate the location of the LVAD in D inflow is defined as the anath aduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) Parent Field: VAD-Im ParentShortName: VIm ParentValue: = "LVAD	<i>Harvest:</i> Yes te left ventricle (LV). The icle) for the VAD cannula p. plant Type #2 pTy2 D", "BiVAD", or "TAH"
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: VA	ate the location of the LVAD in D inflow is defined as the anath aduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped AD- #2 VAD Cannulation/At	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) Parent Field: VAD-Im ParentShortName: VIm ParentValue: = "LVAD	Harvest: Yes ne left ventricle (LV). The icle) for the VAD cannula p. plant Type #2 npTy2 D', "BiVAD", or "TAH" SeqNo: 2132
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: VA	ate the location of the LVAD in D inflow is defined as the anath aduit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) Parent Field: VAD-Im ParentShortName: VIm ParentValue: = "LVAD	Harvest: Yes te left ventricle (LV). The icle) for the VAD cannula p. plant Type #2 pTy2 D", "BiVAD", or "TAH" SeqNo: 2132 Core: Yes
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: VA Short Name: R Definition: Indica The R	ate the location of the LVAD in D inflow is defined as the anath duit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped AD- #2 VAD Cannulation/Att VADinf2	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) Parent Field: VAD-Im ParentShortName: VIm ParentValue: = "LVAD	Harvest: Yes the left ventricle (LV). The icle) for the VAD cannula up. plant Type #2 pTy2 D", "BiVAD", or "TAH" SeqNo: 2132 Core: Yes Harvest: Yes the right ventricle (RV).
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: VA Short Name: R Definition: Indica The R	ate the location of the LVAD in D inflow is defined as the anath duit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped AD- #2 VAD Cannulation/Att VADinf2	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) Parent Field: VAD-Im ParentShortName: VIm ParentValue: = "LVAD ttach Site - RVAD Inflow	Harvest: Yes the left ventricle (LV). The icle) for the VAD cannula up. plant Type #2 pTy2 D", "BiVAD", or "TAH" SeqNo: 2132 Core: Yes Harvest: Yes the right ventricle (RV).
Definition: Indica LVAI or cor Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: VA Short Name: R Definition: Indica The R cannu	ate the location of the LVAD in D inflow is defined as the anather duit that provides the flow of 1 = Left Atrium 2 = Left Ventricle Left Atrium; Left Ventricle Text (categorical values spec User Not mapped AD- #2 VAD Cannulation/Att VADinf2 ate the location of the RVAD in EVAD inflow is defined as the la or conduit that provides the 1 = Right Atrium	omic location (left atrium or left ventr blood from the heart to the VAD pum ified by STS) <i>Parent Field:</i> VAD-Im <i>ParentShortName:</i> VIm <i>ParentValue:</i> = "LVAD tach Site - RVAD Inflow nflow site as the right atrium (RA) or anatomic location (right atrium or right flow of blood from the heart to the V	Harvest: Yes the left ventricle (LV). The icle) for the VAD cannula up. plant Type #2 pTy2 D", "BiVAD", or "TAH" SeqNo: 2132 Core: Yes Harvest: Yes the right ventricle (RV).

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Format:	Text (categorical values specified by STS)		
Data Source:	User	Parent Field: VAD-Implant Type #2	
ACCField:	Not mapped	ParentShortName: VImpTy2	
		<i>ParentValue:</i> = "RVAD", "BiVAD" or "TAH"	
Field Name: Short Name:	VAD-Product Type #2 VProdTy2	SeqNo: 2140 Core: Yes	

Harvest: Yes

Definition: Indicate the specific product #2 implanted. Implant defined as physical placement of the VAD.

Harvest Coding	g: 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 IP LVAS 13 = HeartMate XVE 14 = HeartMate II 16 = HeartMate III 17 = BVS5000i 18 = AbioCor 19 = Incor 20 = Excor 21 = Other		
Valid Data:	VAD; TandemHeart pVAD; A	Novacor LVAS; Heartsaver VAD; Jarvik 20 B-180 iVAD; CardioWest TAH; Thoratec Γ rtMate SNAP-VE; HeartMate XVE ; HeartM ; Excor; Other	VAD; HeartMate
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: VAD-Implant #2	2
ACCField:	Not mapped	ParentShortName: VImp2	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Implant Date #2		SeqNo: 2150
Short Name:	VImpDt2		Core: Yes
	-		Harvest: Yes
Definition: Inc	licate the date the VAD #2 was imp	blanted	
Harvest Coding	<i>!</i> :		
Valid Data:			

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Format:	Date in the format mm/dd/yyy	у	
Data Source:	User	Parent Field: VAD-Implant #	ŧ2
ACCField:	Not mapped	ParentShortName: VImp2	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Explant #2		SeqNo: 2160
Short Name:	VExp2		Core: Yes
			Harvest: Yes
Definition: In	ndicate if the VAD #2 was explanted	d. Explant is defined as physical removal of	f the VAD.
Harvest Codin	$g: 1 = Yes \\ 2 = No$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: VAD-Implant #	ŧ2
ACCField:	Not mapped	ParentShortName: VImp2	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Explant Date #2		SeqNo: 2170
Short Name:	VExpDt2		Core: Yes
	Ĩ		Harvest: Yes
Definition: In	ndicate the date the VAD #2 was exp	planted.	
Harvest Codin	ig:		
Valid Data: Usual Range:			
Format:	Date in the format mm/dd/yyy	у	
Data Source:	User	Parent Field: VAD-Explant #	# 2
ACCField:	Not mapped	ParentShortName: VExp2	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Explant Reason #2		SeqNo: 2180
Short Name:	VExpRsn2		Core: Yes
	Ī		Harvest: Yes
Definition: In	ndicate the reason the VAD #2 was e	explanted:	
1	Cardiac Transplant- The VAD was	explanted for Cardiac Transplant	
	Recovery- The VAD was removed		
3.	Device Transfer- The VAD was ex	planted in order to implant another	
4.	assist device. Device-Related Infection- An infection	ction within the pump pocket.	

4. Device-Related Infection- An infection within the pump pocket, driveline, VAD Endocarditis, or other infection requiring explanation 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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5. D c. o 6. E	equiring medical or surgical intervention. Device Malfunction- The VAD pump itself ausing hemodynamic compromise, and/or a r VAD replacement. and of Life - Mechanical device pump has r nd requires replacement.	requiring immediate intervention	
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 T Malfunction; End of Life	Transfer; Device-Related Infection;	Device
Usual Range:			
Format:	Text (categorical values specified by ST	TS)	
Data Source:	User	Parent Field: VAD-Explant #2	
ACCField:	Not mapped	ParentShortName: VExp2	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Cardiac Transplant #2		SeqNo: 2190
	VCardTx2		Core: No
			Harvest: No
Definition: Indi	cate if the patient received a cardiac transp	lant during this hospitalization.	
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by ST	TS)	
Data Source:	User	Parent Field: VAD-Explant Re	ason #2
ACCField:	Not mapped	ParentShortName: VExpRsn2	
		<i>ParentValue:</i> = "Cardiac Transp	plant"
	VAD-Cardiac Transplant Date #2 VTxDt2		SeqNo: 2200 Core: Yes Harvest: Yes
Definition: Indi	cate 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 Re	ason #2
ACCField:	Not mapped	<i>ParentShortName:</i> VExpRsn2 <i>ParentValue:</i> = "Cardiac Transp	plant"

ACCField:

Not mapped

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Field Name: VAD-Implant #3 SeqNo: 2209 Core: Yes Short Name: VImp3 Harvest: Yes Definition: Indicate whether a third ventricular assist device was implanted. Harvest Coding: 1 = Yes2 = NoValid Data: Yes: No Usual Range: Text (categorical values specified by STS) Format: Parent Field: VAD-Implant #2 Data Source: User ACCField: Not mapped ParentShortName: VImp2 ParentValue: = "Yes" Field Name: SeqNo: 2210 VAD-Implant Type #3 Short Name: Core: Yes VImpTy3 Harvest: Yes Definition: Indicate the third type of ventricular assist device implanted. Harvest Coding: 1 = RVAD - Right Ventricular Assist Device2 = 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: Parent Field: VAD-Implant #3 User 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. 1 = Left AtriumHarvest Coding: 2 = Left VentricleLeft Atrium; Left Ventricle Valid Data: Usual Range: Format: Text (categorical values specified by STS) Data Source: Parent Field: VAD-Implant Type #3 User

ParentShortName: VImpTy3

			AD", "BiVAD", or "TAH"
Field Name: V	AD- #3 VAD Cannulation/Attach \$	Site - RVAD Inflow	SeqNo: 2212
Short Name: R	VADInf3		Core: Yes
			Harvest: Yes
The F	ate the location of the RVAD inflow RVAD inflow is defined as the anator ala or conduit that provides the flow	mic location (right atrium or ri	ight ventricle) for the VAD
Harvest Coding:	1 = Right Atrium 2 = Right Ventricle		
Valid Data:	Right Atrium; Right Ventricle		
Usual Range:			
Format:	Text (categorical values specified b	y STS)	
Data Source:	User	Parent Field: VAD-I	mplant Type #3
ACCField:	Not mapped	ParentShortName: VI	
1001100			AD", "BiVAD" or "TAH"
Field Name: V	AD-Product Type #3		SeqNo: 2220
Short Name: V	ProdTy3		Core: Yes
			Harvest: Yes
		. 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	. Implant defined as physical	placement of the VAD.
	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	acor LVAS; Heartsaver VAD 30 iVAD; CardioWest TAH; 1 tte SNAP-VE; HeartMate XVI	; Jarvik 2000; DeBakey Fhoratec IVAD; HeartMate
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 II 16 = HeartMate III 17 = BVS5000i 18 = AbioCor 19 = Incor 20 = Excor 21 = Other HeartQuest VAD; Lion Heart; Nov VAD; TandemHeart pVAD; AB-18 VE; HeartMate IP LVAS; HeartMate 	acor LVAS; Heartsaver VAD 30 iVAD; CardioWest TAH; 1 tte SNAP-VE; HeartMate XVI	; Jarvik 2000; DeBakey Fhoratec IVAD; HeartMate

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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: In	dicate the date the VAD #3 was implanted.		
Harvest Codin	g:		
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
	- 2po		Harvest: Yes
Definition: In	dicate if the VAD #3 was explanted. Explant	t is defined as physical removal of t	
Harvest Codin		1 2	
	2 = No		
Valid Data:	Yes; No		
	Yes; No		
Usual Range:	Yes; No Text (categorical values specified by ST	'S)	
Valid Data: Usual Range: Format: Data Source:		'S) <i>Parent Field:</i> VAD-Implant #3	
Usual Range: Format: Data Source:	Text (categorical values specified by ST		
Usual Range: Format: Data Source:	Text (categorical values specified by ST User	Parent Field: VAD-Implant #3	
Usual Range: Format: Data Source: ACCField:	Text (categorical values specified by ST User Not mapped	Parent Field: VAD-Implant #3 ParentShortName: VImp3	
Usual Range: Format: Data Source: ACCField: Field Name:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250
Usual Range: Format: Data Source: ACCField: Field Name:	Text (categorical values specified by ST User Not mapped	Parent Field: VAD-Implant #3 ParentShortName: VImp3	
Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted.	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted.	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted.	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin, Valid Data: Usual Range:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted.	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin, Valid Data:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted. g:	Parent Field: VAD-Implant #3 ParentShortName: VImp3	SeqNo: 2250 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In Harvest Codin, Valid Data: Usual Range: Format:	Text (categorical values specified by ST User Not mapped VAD-Explant Date #3 VExpDt3 dicate the date the VAD #3 was explanted. g: Date in the format mm/dd/yyyy	Parent Field: VAD-Implant #3 ParentShortName: VImp3 ParentValue: Is Not Missing	SeqNo: 2250 Core: Yes Harvest: Yes

Field Name: VAD-Explant Reason #3

Short Name: VExpRsn3

SeqNo: 2260 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 Tr Malfunction; End of Life	ransfer; Device-Related Infection; Device
Usual Range:		
Format:	Text (categorical values specified by STS	8)
Data Source:	User	Parent Field: VAD-Explant #3
ACCField:	Not mapped	ParentShortName: VExp3
		<i>ParentValue:</i> = "Yes"

VAD-Cardiac Transplant #3	SeqNo: 2270
VCardTx3	Core: No
	Harvest: No
dicate if the patient received a ca	rdiac transplant during this hospitalization.
$\begin{array}{ll} 3: & 1 = \mathrm{Yes} \\ & 2 = \mathrm{No} \end{array}$	
Yes; No	
Text (categorical values spe	cified by STS)
User	Parent Field: VAD-Explant Reason #3
Not mapped	ParentShortName: VExpRsn3
	<i>ParentValue:</i> = "Cardiac Transplant"
	VCardTx3 dicate if the patient received a ca g: 1 = Yes 2 = No Yes; No Text (categorical values spe User

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Field Name:	VAD-Cardiac Transplant Date #3		SeqNo: 2280
Short Name:	VTxDt3		Core: Yes
			Harvest: Yes
Definition: Inc	dicate the date the patient received a card	iac transplant.	
Harvest Coding	g:		
Valid Data: Usual Range:			
Format:	Date in the format mm/dd/yyyy		
Data Source:	User	Parent Field: VAD-Explan	t Reason #3
ACCField:	Not mapped	ParentShortName: VExpRs	n3
		<i>ParentValue:</i> = "Cardiac Tr	ansplant"
Field Name:	VAD-Primary VAD Comp-Intracran	ial Rlaad	SeqNo: 2290
Short Name:	PVCmpBld	an Divu	Core: Yes
5 I WINC.	· · · · · · · · · · · · · · · · · · ·		Harvest: Yes
Definition: Inc	dicate if the patient had an intracranial bl	eed, confirmed by CT scan or other	
Harvest Coding	-		C
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by	v STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Primary VAD Comp-Embolic S	Stroke	SeqNo: 2300
Short Name:	PVCmpESt		Core: Yes
	1		Harvest: Yes
	dicate if the patient had embolic stroke ca Γ scan or other diagnostic studies.	aused by a blood clot, air embolus,	
Harvest Coding	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by	v STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	VAD-Primary VAD Comp-Driveline	and/or cannula Infection	SeqNo: 2310
Short Name:	PVCmpDCI	anu or cannuta IIICCUVII	Core: Yes
Shori Mulle.	emplor		0010. 103

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 ST	'S)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name: V	AD-Primary VAD Comp-Pump Pocket	t Infection	SeqNo: 2320
	PVCmpPPI		Core: Yes
			Harvest: Yes
persi	cate if the patient had a pump pocket infect stent drainage in the physical location of t positive cultures from the pocket site.		
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by ST	'S)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name:	AD-Primary VAD Comp-VAD Endoca	rditis	SeqNo: 2330
Short Name: P	VCmpEnd		Core: Yes
			Harvest: Yes
	cate if the patient had VAD endocarditis.	VAD endocarditis is defined as ar	n infection of the
	d contacting surface of the VAD device its internal surfaces; graft material; inflow/outflow valves of the VAD.		
- - -	internal surfaces; graft material;		
- - - Harvest Coding:	internal surfaces; graft material; inflow/outflow valves of the VAD. 1 = Yes		
- - Harvest Coding: Valid Data:	internal surfaces; graft material; inflow/outflow valves of the VAD. 1 = Yes 2 = No		
- - Harvest Coding: Valid Data: Usual Range:	internal surfaces; graft material; inflow/outflow valves of the VAD. 1 = Yes 2 = No	self. This may include:	
-	internal surfaces; graft material; inflow/outflow valves of the VAD. 1 = Yes 2 = No Yes; No	self. This may include:	

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		<i>ParentValue:</i> = "Yes"	
Field Name: VA	AD-Primary VAD Comp-Device Ma	alfunction	SeqNo: 2340
Short Name: PV	/CmpMal		Core: Yes
			Harvest: Yes
	te if the pump itself is not functioning ing immediate intervention or VAD re		ompromise, and/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	
		<i>ParentValue:</i> = "Yes"	
	AD-Primary VAD Comp-Bowel Obs	struction	SeqNo: 2341
Short Name: PV	/CmpBO		Core: Yes Harvest: Yes
Harvest Coding: Valid Data:	1 = Yes 2 = No Yes; No		
Usual Range:			
Format:	Text (categorical values specified by	STS)	
Data Source:	User	Parent Field: VAD	
ACCField:	Not mapped	ParentShortName: VAD	
		<i>ParentValue:</i> = "Yes"	
Field Name: VA	AD-Discharge Status		SeqNo: 2350
	ADDiscS		Core: Yes
			Harvest: Yes
Definition: Indica	te the VAD status at discharge from t	he hospital.	
Harvest Coding:	1 = With VAD 2 = Without VAD		
	3 = Expired in Hospital Where Initial	l VAD Was Implanted	
Valid Data:		-	s Implanted
	3 = Expired in Hospital Where Initia With VAD; Without VAD; Expired i	-	s Implanted
Usual Range:		in Hospital Where Initial VAD Was	s Implanted
Valid Data: Usual Range: Format: Data Source:	With VAD; Without VAD; Expired i	in Hospital Where Initial VAD Was	s Implanted

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ParentValue: = "Yes"

	IVI.	Other Cardiac Procedures
Field Name:	Other Card-LVA	SeqNo: 2360
Short Name:	OCarLVA	Core: Yes
		Harvest: Yes
	icate whether the patient had primary surgical procedure.	a Left Ventricular Aneurysm Repair either in conjunction with, or as
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values s	pecified by STS)
Data Source:	User	Parent Field: Other Card
ACCField:	Not mapped	ParentShortName: OpOCard
		ParentValue: = "Yes"
Field Name:	Other Card-VSD	SegNo: 2370
	OCarVSD	Core: Yes
morr rume.		Harvest: Yes
	primary surgical procedure.	a Ventricular Septal Defect Repair either in conjunction with, or as
	primary surgical procedure.	a ventricular Septai Delect Repair either in conjunction with, or as
the Harvest Coding:	primary surgical procedure. : 1 = Yes	a ventricular Septai Delect Repair either in conjunction with, or as
the Harvest Coding: Valid Data:	primary surgical procedure. 1 = Yes 2 = No	a ventricular Septai Delect Repair either in conjunction with, or as
the Harvest Coding: Valid Data: Usual Range:	primary surgical procedure. 1 = Yes 2 = No	
the Harvest Coding: Valid Data: Usual Range: Format:	primary surgical procedure. : 1 = Yes 2 = No Yes; No	
the Harvest Coding: Valid Data: Usual Range: Format: Data Source:	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values s) 	pecified by STS)
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values s User	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes"
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values surgical values surgi	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes"
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values surgical values surgi	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes"
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	<pre>primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values s User Not mapped Other Card-ASD</pre>	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes" SeqNo: 2380
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values s) User Not mapped Other Card-ASD OCarASD icate whether the patient had nary surgical procedure inclu	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes" SeqNo: 2380 Core: Yes
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi prin	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values surgical values surgical procedure incluing). 	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes" SeqNo: 2380 Core: Yes Harvest: Yes an Atrial Septal Defect Repair either in conjunction with, or as the
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi prin PFC	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values surgical values surgical values surgical procedure inclues) Other Card-ASD OCarASD icate whether the patient had nary surgical procedure inclues) 1 = Yes 	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes" SeqNo: 2380 Core: Yes Harvest: Yes an Atrial Septal Defect Repair either in conjunction with, or as the
the Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi prin PFC Harvest Coding:	 primary surgical procedure. 1 = Yes 2 = No Yes; No Text (categorical values surgical values surgica	pecified by STS) Parent Field: Other Card ParentShortName: OpOCard ParentValue: = "Yes" SeqNo: 2380 Core: Yes Harvest: Yes an Atrial Septal Defect Repair either in conjunction with, or as the

Data Source:	User	Parent Field: Other Card	
ACCField:	Not mapped	ParentShortName: OpOCard	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Card-Batista		SeqNo: 2390
Short Name:	OCarBati		Core: Yes
			Harvest: Yes
or a left card	s the primary surgical procedure. ventricular myocardium is excise	ft Ventricular Reduction Myoplasty either Left Ventricular Reduction Myoplasty is a d to reduce left ventricular volume in patie ral valve replacement or repair. If a concor- that category also.	procedure whereby ints with a dilated
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Other Card	
ACCField:	Not mapped	ParentShortName: OpOCard	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Card-Surgical Ventricula	ar Restoration	SeqNo: 2400
	OCarSVR		Core: Yes
Short Name:			
Short Name:			Harvest: Yes
Definition: Indi the geo proc and	primary surgical procedure. Surg metry of the heart after an anterio cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes	rgical Ventricular Restoration either in cor ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure).	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo proc and Harvest Coding:	primary surgical procedure. Surg metry of the heart after an anterio cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data:	primary surgical procedure. Surg metry of the heart after an anterio cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo proo and Harvest Coding: Valid Data: Usual Range:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure).	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure).	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format: Data Source:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif User	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure). ied by STS) <i>Parent Field:</i> Other Card	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format: Data Source:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure). ied by STS) <i>Parent Field:</i> Other Card <i>ParentShortName:</i> OpOCard	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format: Data Source:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif User	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure). ied by STS) <i>Parent Field:</i> Other Card	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	primary surgical procedure. Surg metry of the heart after an anterior cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif User	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure). ied by STS) <i>Parent Field:</i> Other Card <i>ParentShortName:</i> OpOCard	ijunction with, or as s that restore the he SAVER
Definition: Indi the geo prod and Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	primary surgical procedure. Surg metry of the heart after an anterio cedure. This SVR procedure is di from a Batista procedure (left ver 1 = Yes 2 = No Yes; No Text (categorical values specif User Not mapped	ical Ventricular Restoration are procedures r MI. They include the Dor procedure or t stinct from an anterior left ventricular aneu ntricular volume reduction procedure). ied by STS) <i>Parent Field:</i> Other Card <i>ParentShortName:</i> OpOCard	ijunction with, or as s that restore the he SAVER irysmectomy (LVA

Definition: Indicate whether the patient had a congenital defect repair either in conjunction with, or as the primary surgical procedure.

Harvest Coding: 1 = Yes

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2 = No		
Valid Data: Yes; No		
Usual Range:		
Format: Text (categorical values specif	fied by STS)	
Data Source: User	Parent Field: Other Card	
ACCField: Not mapped	ParentShortName: OpOCa	rd
	<i>ParentValue:</i> = "Yes"	
Field Name: Other Card-Transmyocardial L	aser Revascularization	SeqNo: 2420
Short Name: OCarLasr		Core: Yes
		Harvest: Yes
Definition: Indicate whether the patient underwe myocardium with a laser fiber either	nt the creation of multiple channels in le in conjunction with, or as the primary su	
Harvest Coding: $1 = Yes$ 2 = No		
Valid Data: Yes; No		
Usual Range:		
Format: Text (categorical values specif	fied by STS)	
Data Source: User	Parent Field: Other Card	
ACCField: Not mapped	ParentShortName: OpOCa	rd
	<i>ParentValue:</i> = "Yes"	
Field Name: Other Card-Cardiac Trauma		SeqNo: 2430
Short Name: OCarTrma		Core: Yes
		Harvest: Yes
Definition: Indicate whether the patient had a sur conjunction with, or as the primary su	• • •	diac Trauma either in
Harvest Coding: $1 = Yes$ 2 = No		
Valid Data: Yes; No		
Usual Range:		
Format: Text (categorical values specif	fied by STS)	
Data Source: User	Parent Field: Other Card	
ACCField: Not mapped	ParentShortName: OpOCa	rd
	<i>ParentValue:</i> = "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

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	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Other Card	
ACCField:	Not mapped	ParentShortName: OpOCar	rd
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Card-Arrhythmia Corre	ction Surgery	SeqNo: 2450
Short Name:	OCarACD		Core: Yes
			Harvest: Yes
	ndicate if one of the following arrhy onjunction with, or as the primary s	thmia correction devices was surgically purgical procedure:	placed either in
	Permanent Pacemaker with Cardia permanent pacemaker that uses synchronize ventricular contract Automatic Implanted Cardioverter defibrillates the heart.	r Defibrillator (AICD): an internal device D that uses biventricular electrical stimul	internal
Harvest Codin	2 = Permanent Pacemaker	h Cardiac Resynchronization Technique lioverter Defibrillator (AICD)	(CRT)
Valid Data:		Permanent Pacemaker with Cardiac Resy Implanted Cardioverter Defibrillator (AI	
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Other Card	
ACCField:	Not mapped	ParentShortName: OpOCar	rd
		<i>ParentValue:</i> = "Yes"	
Field Name: Short Name:	Other Card-Arrhythmia Corre OCarACDL	ction Surgery-Lead Placement	SeqNo: 2460 Core: Yes Harvest: Yes
Definition: Ir	ndicate which lead placement was u	sed for the permanent pacemaker with Cl	
	Epicardial: the outer most layer of Endocardial: the inner most layer	the heart.	
Harvest Codin	-		
Valid Data:	Epicardial; Endocardial		

	ac Data Specifications	August 24, 2007	Version 2.0
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: Othe Surg	er Card-Arrhythmia Correction ery
ACCField:	Not mapped	ParentShortName:	OCarACD
		Card	ermanent Pacemaker with iac Resynchronization nique (CRT)" or "AICD with "
Field Name: C	other Card-Atrial Fibrillation (Correction Surgery	SeqNo: 2470
Short Name: C	CarAFib		Core: Yes
			Harvest: Yes
conju the a	ate if one of the following atrial inction with, or as the primary su tria from fibrillating by disrupting ial fibrillation.	rgical procedure. The intent of	both surgeries is to preclude
St	andard Surgical Maze Procedure made in the atria of the heart. S tissue. The resulting lesion dis signals that lead to atrial fibrilla	utures are then used to reapprox rupts the abnormal reentry path	ximate the incised
0	ther Surgical Ablative Procedure atria of the heart by an energy s pathways of electronic signals t	ource. The lesion disrupts the a	esions are created in the boot boot boot boot boot boot boot boo
C	ombination of Standard Surgical	Maze Procedure and Other Surg	gical Ablative Procedure.
Harvest Coding:	 1 = None 2 = Standard Surgical Maze Pro 3 = Other Surgical Ablative Pro 4 = Combination of Standard a 	ocedure	
Valid Data:	None; Standard Surgical Maze of Standard and Other Procedu		tive Procedure; Combination
Usual Range:			
Format:	Text (categorical values specifi	ed by STS)	
Data Source:	User	Parent Field: Othe	er Card
	NI-4 market 1		
ACCField:	Not mapped	ParentShortName:	OpOCard
ACCField:	Not mapped	ParentShortName: ParentValue: = "Y	-
		ParentValue: = "Y	es"
Field Name: C	other Card-Atrial Fibrillation (ParentValue: = "Y	es" urce <i>SeqNo:</i> 2480
Field Name: C		ParentValue: = "Y	es"
Field Name: C Short Name: C	other Card-Atrial Fibrillation (ParentValue: = "Y	es" nurce <i>SeqNo:</i> 2480 <i>Core:</i> No <i>Harvest:</i> No

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		98 = Other 99 = Combination of above		
Valid Data.	:	Unipolar Radiofrequency; Bipolar Radiofrequency; Microwave Radiofrequency; Cryothermia Radiofrequency; Other; Combination of above		
Usual Rang	ze:			
Format:		Text (categorical values sp	cified by STS)	
Data Sourc	e:	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	e: 0	ther Card-Ao Aneur	SeqNo: 2510	
Short Name	e: 0	NCAoAn	Core: Yes	
			Harvest: Yes	
Definition:			went an aortic aneurysm repair either in conjunction with, or as the includes dissections, non-dissections and ruptures of the aorta.	
Harvest Co	ding:	1 = Yes $2 = No$		
Valid Data:	:	Yes; No		
Usual Rang	ge:			
Format:		Text (categorical values sp	cified by STS)	
Data Sourc	e:	User	Parent Field: Other Card	
ACCField:		Not mapped	ParentShortName: OpOCard	
			<i>ParentValue:</i> = "Yes"	
Field Name	e: 0	ther Card-Asc	SeqNo: 2520	
Short Name	e: 0	NCAsc	Core: Yes	
			Harvest: Yes	
Definition:	as the ascer	e primary surgical procedure.	epair of ascending aortic aneurysm either in conjunction with, or Aneurysm refers to pathologic dilatation of the aorta. The c annulus and ends at the origin of the innominate artery where the rch.	
Harvest Co	ding:	1 = Yes 2 = No		
Valid Data:	:	Yes; No		
Usual Rang	ge:			
Format:		Text (categorical values sp	cified by STS)	
Data Sourc	e:	User	Parent Field: Other Card-Ao Aneur	
ACCField:		Not mapped	ParentShortName: ONCAoAn	

Field Name: **Other Card-Arch**

ParentValue: = "Yes"

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Short Name: 0	ONCArch		Core: Yes
			Harvest: Yes
with	cate if the patient underwent repair of a, or as the primary surgical procedures beneath the left subclavian artery. It three important blood vessels; the inn ry.	e. The arch begins at the origin of the tis the portion of the aorta at the top	he innominate artery and of the heart that gives
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: ONCA	oAn
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Card-Desc		SeqNo: 2540
Short Name: (ONCDesc		Core: Yes
			Harvest: Yes
or as	cate if the patient underwent repair or s the primary surgical procedure. The		
	and the abdomen.	descending usiti is the portion of a	
		descending usiti is the portion of th	
Harvest Coding:	1 = Yes	desectioning usition is the portion of the	
Harvest Coding: Valid Data:	1 = Yes 2 = No	descending uora is the portion of a	
Harvest Coding: Valid Data: Usual Range:	1 = Yes 2 = No		
Harvest Coding: Valid Data: Usual Range: Format:	1 = Yes 2 = No Yes; No		
Harvest Coding: Valid Data: Usual Range: Format: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified	by STS)	Ao Aneur
Harvest Coding: Valid Data: Usual Range: Format: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified User	by STS) Parent Field: Other Card-	Ao Aneur
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	1 = Yes 2 = No Yes; No Text (categorical values specified User	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes"	Ao Aneur
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes"	Ao Aneur oAn
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes"	Ao Aneur oAn SeqNo: 2550
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi or a: thor	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes" neurysm f a thoracoabdominal aneurysm eitheoracoabdominal aneurysms can involof the left subclavian artery to the account of the left subclavian artery to the acco	Ao Aneur oAn SeqNo: 2550 Core: Yes Harvest: Yes er in conjunction with, lve the entire
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi or a: thor invo	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An ONCThAbd cate if the patient underwent repair of s the primary surgical procedure. The acoabdominal aorta from the origin of the only one or more segments of the patient of the origin of the only one or more segments of the other of the origin of th	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes" neurysm f a thoracoabdominal aneurysm eitheoracoabdominal aneurysms can involof the left subclavian artery to the account of the left subclavian artery to the acco	Ao Aneur oAn <i>SeqNo:</i> 2550 <i>Core:</i> Yes <i>Harvest:</i> Yes er in conjunction with, lve the entire
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi or a: thor invo Harvest Coding:	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An ONCThAbd cate if the patient underwent repair of s the primary surgical procedure. The acoabdominal aorta from the origin of olve only one or more segments of the 1 = Yes	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes" neurysm f a thoracoabdominal aneurysm eitheoracoabdominal aneurysms can involof the left subclavian artery to the account of the left subclavian artery to the acco	Ao Aneur oAn <i>SeqNo:</i> 2550 <i>Core:</i> Yes <i>Harvest:</i> Yes er in conjunction with, lve the entire
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Short Name: Definition: Indi or a: thor invo Harvest Coding: Valid Data:	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An ONCThAbd cate if the patient underwent repair of s the primary surgical procedure. The acoabdominal aorta from the origin of olve only one or more segments of the 1 = Yes 2 = No	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes" neurysm f a thoracoabdominal aneurysm eitheoracoabdominal aneurysms can involof the left subclavian artery to the account of the left subclavian artery to the acco	Ao Aneur oAn <i>SeqNo:</i> 2550 <i>Core:</i> Yes <i>Harvest:</i> Yes er in conjunction with, lve the entire
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi or a: thor	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Other Card-Thoracoabdominal An ONCThAbd cate if the patient underwent repair of s the primary surgical procedure. The acoabdominal aorta from the origin of olve only one or more segments of the 1 = Yes 2 = No	by STS) Parent Field: Other Card- ParentShortName: ONCAG ParentValue: = "Yes" neurysm f a thoracoabdominal aneurysm either pracoabdominal aneurysms can involoutly of the left subclavian artery to the action is abdominal action of the left subclavian artery to the action is abdominal action.	Ao Aneur oAn <i>SeqNo:</i> 2550 <i>Core:</i> Yes <i>Harvest:</i> Yes er in conjunction with, lve the entire

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ACCField:	Not mapped	ParentShortName: ONCA	AoAn
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Card-Other		SeqNo: 2560
Short Name:	OCarOthr		Core: Yes
			Harvest: Yes
as	the primary surgical procedure that	her cardiac procedure performed eithe t is not included within this section. Ir Data Manager's section of the STS W	cludes, but is not limited
Harvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specif	ied by STS)	
Data Source:	User	Parent Field: Other Card	1
ACCField:	Not mapped	ParentShortName: OpOC	Card
	- *	ParentValue: = "Yes"	
	N. Other	Non Cardiac Procedures	
Field Name:	Other Non Card-Caro Endart		SeqNo: 2570
	Other Non Card-Caro Endart ONCCarEn		SeqNo: 2570 Core: Yes
Field Name: Short Name:			-
Short Name: Definition: In	ONCCarEn	nt surgical removal of stenotic atheron arotid stent in conjunction with the pri-	<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or
Short Name: Definition: In pe	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca		<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or
Short Name: Definition: In	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes		<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or
Short Name: Definition: In pe Harvest Codin	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No		<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or
Short Name: Definition: In Pe Harvest Codin Valid Data: Usual Range:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No	arotid stent in conjunction with the pri-	<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or
Short Name: Definition: In Pé Harvest Codin Valid Data: Usual Range: Format:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No	arotid stent in conjunction with the pri-	<i>Core:</i> Yes <i>Harvest:</i> Yes natous plaque or mary surgical procedure.
Short Name: Definition: In Pe Harvest Codin Valid Data: Usual Range: Format: Data Source:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif	arotid stent in conjunction with the pri-	Core: Yes Harvest: Yes hatous plaque or mary surgical procedure.
Short Name: Definition: In pe Harvest Codin Valid Data:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non	Core: Yes Harvest: Yes hatous plaque or mary surgical procedure.
Short Name: Definition: In P ⁶ Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non <i>ParentShortName:</i> OpON	Core: Yes Harvest: Yes natous plaque or mary surgical procedure Card ICard
Short Name: Definition: In P ⁶ Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User Not mapped Other Non Card-Other Vasc	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non <i>ParentShortName:</i> OpON	Core: Yes Harvest: Yes hatous plaque or mary surgical procedure Card ICard SeqNo: 2580
Short Name: Definition: In Pe Harvest Codin Valid Data: Usual Range: Format: Data Source:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User Not mapped	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non <i>ParentShortName:</i> OpON	Core: Yes Harvest: Yes hatous plaque or mary surgical procedure. Card ICard SeqNo: 2580 Core: Yes
Short Name: Definition: In P ⁶ Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User Not mapped Other Non Card-Other Vasc	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non <i>ParentShortName:</i> OpON	Core: Yes Harvest: Yes hatous plaque or mary surgical procedure Card ICard SeqNo: 2580
Short Name: Definition: In Pe Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	ONCCarEn dicate whether the patient underwer ercutaneous/surgical placement of ca g: 1 = Yes 2 = No Yes; No Text (categorical values specif User Not mapped Other Non Card-Other Vasc ONCOVasc	arotid stent in conjunction with the pri- ied by STS) <i>Parent Field:</i> Other Non <i>ParentShortName:</i> OpON	Core: Yes Harvest: Yes natous plaque or mary surgical procedure Card ICard SeqNo: 2580 Core: Yes Harvest: Yes
Short Name: Definition: In Pe Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: In	ONCCarEn dicate whether the patient underwerer ercutaneous/surgical placement of car ag: 1 = Yes 2 = No Yes; No Text (categorical values speciford User Not mapped Other Non Card-Other Vasc ONCOVasc dicate whether patient had procedure imary surgical procedure.	arotid stent in conjunction with the pri- ied by STS) Parent Field: Other Non ParentShortName: OpON ParentValue: = "Yes"	Core: Yes Harvest: Yes natous plaque or mary surgical procedure. Card ICard SeqNo: 2580 Core: Yes Harvest: Yes
Short Name: Definition: Im pe Harvest Codin Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Im	ONCCarEn dicate whether the patient underwerer ercutaneous/surgical placement of car g: 1 = Yes 2 = No Yes; No Text (categorical values speciford User Not mapped Other Non Card-Other Vasc ONCOVasc dicate whether patient had procedure imary surgical procedure. g: 1 = Yes	arotid stent in conjunction with the pri- ied by STS) Parent Field: Other Non ParentShortName: OpON ParentValue: = "Yes"	Core: Yes Harvest: Yes natous plaque or mary surgical procedure. Card ICard SeqNo: 2580 Core: Yes Harvest: Yes

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Format:	Text (categorical values specified	ied by STS)	
Data Source:	User	Parent Field: Other Non Card	
ACCField:	Not mapped	ParentShortName: OpONCard	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Non Card-Other Thor		SeqNo: 2590
Short Name: 0	ONCOThor		Core: Yes
			Harvest: Yes
prin puln	nary surgical procedure. This incl	rocedures involving Thorax/Pleura in conjunc udes but is not limited to open lung biopsy, h onary arter endarterectomy, mediastinal mass	ung resection,
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifi	ied by STS)	
Data Source:	User	Parent Field: Other Non Card	
ACCField:	Not mapped	ParentShortName: OpONCard	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Other Non Card-Other		SeqNo: 2600
Short Name: 0	ONCOther		Core: Yes
			Harvest: Yes
	cate whether the patient had any of hary surgical procedure that is not	other non-cardiac procedure performed in con included within this section.	junction with the
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifi	ied by STS)	
Data Source:	User	Parent Field: Other Non Card	
ACCField:	Not mapped	ParentShortName: OpONCard	
		ParentValue: = "Yes"	

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SeqNo: 260	
Sequo. 200)5
Core: Yes	s
Harvest: Yes	3
el. If more than one level is obtained, code the highest l	leve
Parent Field:	
ParentShortName:	
ParentValue:	
SeaNo: 261	0
Core: Yes	
Harvest: Yes	3
al surgery. Include blood transfused after the initial luring a reoperative surgery.	
by STS)	
Parent Field:	
ParentShortName:	
ParentValue:	
SeqNo: 262	20
Core: Yes	s
Harvest: Yes	3
d blood cells that were transfused any time postoperativ	vely
chest tube recirculated blood.	
chest tube reenculated blood.	
	Harvest: Yes 1. If more than one level is obtained, code the highest b Parent Field: ParentShortName: ParentValue: SeqNo: 261 Core: Yes Harvest: Yes nsfused any time postoperatively. Postoperatively is al surgery. Include blood transfused after the initial uring a reoperative surgery. by STS) Parent Field: ParentShortName: ParentValue: SeqNo: 262 Core: Yes Harvest: Yes d blood cells that were transfused any time postoperative

Valid Data:	0 - 50	
Usual Range:	0 - 10	
Format:	Integer	
Data Source:	User	Parent Field: Blood Prod
ACCField:	Not mapped	ParentShortName: BldProd
		<i>ParentValue:</i> = "Yes"

Field Name:	Blood Prod - FFP Units	SeqNo: 2630
Short Name:	BdFFPU	Core: Yes
		Harvest: Yes
Definition: In	dicate the number of units of fresh from	ozen plasma that were transfused any time postoperatively.
Harvest Codin	g:	
Valid Data:	0 - 50	
Usual Range:	0 - 10	
Format:	Integer	
Data Source:	User	Parent Field: Blood Prod
ACCField:	Not mapped	ParentShortName: BldProd
		<i>ParentValue:</i> = "Yes"
Field Name:	Blood Prod - Cryo Units	SeqNo: 2640
Short Name:	BdCryoU	Core: Yes
		Harvest: Yes

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	
		<i>ParentValue:</i> = "Yes"	
Field Name: DI	and Prod Platalat Units		SeaNe 2650

Field Name:	Blood Prod - Platelet Units	<i>SeqNo:</i> 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: Usual Range:	0 - 50	
Format:	Integer	
Data Source:	User	Parent Field: Blood Prod
ACCField:	Not mapped	ParentShortName: BldProd
		<i>ParentValue:</i> = "Yes"

Usual Range:

Field Name:	Extubated In OR		SeqNo: 2660
Short Name:	ExtubOR		Core: Yes
			Harvest: Yes
<i>Definition:</i> Indi surg	cate whether the patient was extubated prior	t to leaving the operating room dur	ing the initial
If pa	atient expires in the operating room during t	he initial surgery, answer "Yes".	
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified by STS	5)	
Data Source:	User	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Initial Hours Ventilated		SeqNo: 2670
	VentHrsI		Core: No
			Harvest: No
ende blan	tubation. Number of initial hours includes l otracheal tube or if patient has tracheostomy k if the patient was extubated on the operat Pulmonary Complication of "Prolonged Ve	tube, until no longer ventilator de ing table. Any patient ventilated >	pendent. Leave
Harvest Coding:			
Valid Data:	0.1 - 5000.0		
Valid Data: Usual Range:	0.1 - 5000.0 1.0 - 168.0		
Usual Range:	1.0 - 168.0	Parent Field: Extubated in OR	
Usual Range: Format:	1.0 - 168.0 Real number 4.1 digits e.g. 9999.9	Parent Field: Extubated in OR ParentShortName: ExtubOR	
Usual Range: Format: Data Source:	1.0 - 168.0 Real number 4.1 digits e.g. 9999.9 User		
Usual Range: Format: Data Source: ACCField: Field Name:	1.0 - 168.0 Real number 4.1 digits e.g. 9999.9 User	ParentShortName: ExtubOR	SeqNo: 2680 Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name:	 1.0 - 168.0 Real number 4.1 digits e.g. 9999.9 User Not mapped Re-intubated During Hospital Stay	<i>ParentShortName:</i> ExtubOR <i>ParentValue:</i> = "No"	Core: Yes Harvest: Yes
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi This	 1.0 - 168.0 Real number 4.1 digits e.g. 9999.9 User Not mapped Re-intubated During Hospital Stay ReIntub	<i>ParentShortName:</i> ExtubOR <i>ParentValue:</i> = "No" ring the hospital stay after the initia	Core: Yes Harvest: Yes al extubation.
Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi This	 1.0 - 168.0 Real number 4.1 digits e.g. 9999.9 User Not mapped Re-intubated During Hospital Stay ReIntub cate whether the patient was reintubated during the patient who have been extuble operative period.	<i>ParentShortName:</i> ExtubOR <i>ParentValue:</i> = "No" ring the hospital stay after the initia	Core: Yes Harvest: Yes al extubation.

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Format:	Text (categorical values spec	ified 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: Indi	cate how many additional hours	the patient was on ventilator after initia	l extubation.
Harvest Coding:			
Valid Data:	0.1 - 5000.0		
Usual Range:	1.0 - 168.0		
Format:	Real		
Data Source:	User	Parent Field: Re-intubat	ed During Hospital Stay
ACCField:	Not mapped	ParentShortName: ReInte	ub
		ParentValue: = "Yes"	
Field Name:	Postop Vent Hours - Total		SeqNo: 2700
	VentHrs		Core: No
			Harvest: No
Definition: Indi		ncluding any reintubation hours. Any p	
hou	rs should be coded as a Pulmona and no additional ventilation ho	ary Complication of "Prolonged Ventila urs, enter zero in this field.	tion". If extubated in the
hou	and no additional ventilation ho		tion". If extubated in the
hou OR	and no additional ventilation ho		tion". If extubated in the
hou OR Harvest Coding:	and no additional ventilation ho		tion". If extubated in the
hou OR Harvest Coding: Valid Data:	and no additional ventilation ho 0.0 - 10000.0	urs, enter zero in this field.	tion". If extubated in the
hou OR Harvest Coding: Valid Data: Usual Range:	and no additional ventilation ho 0.0 - 10000.0 0.0 - 168.0	urs, enter zero in this field.	tion". If extubated in the
hou OR Harvest Coding: Valid Data: Usual Range: Format:	and no additional ventilation ho 0.0 - 10000.0 0.0 - 168.0 Real number 4.1 digits e.g. 9	urs, enter zero in this field. 999.9	tion". If extubated in the

		P. Complications
Field Name: Con	nps-Complications	SeqNo: 2710
Short Name: Con	nplics	Core: Yes
		Harvest: Yes
		ent occurred during the hospitalization for surgery. This include o discharge, even if over 30 days.
0	= Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Sext (categorical values spec	ified by STS)
Data Source: U	Jser	Parent Field:
ACCField: N	Not mapped	ParentShortName:
		ParentValue:
Field Name: Con	nps-Op-ReOp Bleed/Tamp	oonade SeqNo: 2720
Short Name: CO	oReBld	Core: Yes
		Harvest: Yes
Definition: Indicate	whether the patient returne	d to the operating room for mediastinal bleeding/tamponade.
0	= Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values spec	ified by STS)
Data Source: U	Jser	Parent Field: Comps-Complications
ACCField: N	Not mapped	ParentShortName: Complics
		<i>ParentValue:</i> = "Yes"
Field Name: Con	nps-Op-ReOp Vlv Dys	SeqNo: 2730
Short Name: CO	bReVlv	Core: Yes
		Harvest: Yes

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)

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Data Source:	User	Parent Field: Comps-Comp	lications
ACCField:	Not mapped	ParentShortName: Complics	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Comps-Op-ReOp Gft Occl		SeqNo: 2740
Short Name: 0	COpReGft		Core: Yes
			Harvest: Yes
	cate whether the patient returned to ure, thrombosis, technical or embol	the operating room for coronary graft o ic origin.	occlusion due to acute
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specified	d by STS)	
Data Source:	User	Parent Field: Comps-Comp	lications
ACCField:	Not mapped	ParentShortName: Complice	
		ParentValue: = "Yes"	
	Comps-Op-ReOp Other Card		SeqNo: 2750
hort Name: 0	COpReOth		Core: Yes
			Hamisati Vaa
			Harvest: Yes
Definition: Indi	cate whether the patient returned to	the operating room for other cardiac re	
Definition: Indi Harvest Coding:	-	the operating room for other cardiac re	
	1 = Yes	the operating room for other cardiac re	
larvest Coding: Valid Data:	1 = Yes 2 = No	the operating room for other cardiac re	
Iarvest Coding: Valid Data: Jsual Range:	1 = Yes 2 = No		
Iarvest Coding: Valid Data: Jsual Range: Format:	1 = Yes 2 = No Yes; No		asons.
Iarvest Coding: Valid Data: Vsual Range: Vormat: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified	d by STS)	asons. lications
larvest Coding: Valid Data: Vsual Range: Vormat: Data Source:	1 = Yes 2 = No Yes; No Text (categorical values specified User	d by STS) Parent Field: Comps-Comp	asons. lications
larvest Coding: Valid Data: Vsual Range: Vormat: Data Source: CCField:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes"	asons. lications
Harvest Coding: Valid Data: Jsual Range: Format: Data Source: ACCField: Field Name:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes"	asons. lications
larvest Coding: Valid Data: Vsual Range: Vormat: Oata Source: CCField: Vield Name:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes"	asons. lications SeqNo: 2760 Core: Yes
larvest Coding: Valid Data: Isual Range: Vormat: Oata Source: CCField: Vield Name: Chort Name:	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care COpReNon	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes" d	asons. lications SeqNo: 2760 Core: Yes Harvest: Yes
Iarvest Coding: Valid Data: Isual Range: Format: Data Source: ACCField: Field Name: Chort Name: Definition: Indi	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care COpReNon cate whether the patient returned to	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes" d the operating room for other non-cardia	asons. lications SeqNo: 2760 Core: Yes Harvest: Yes ac reasons.
Harvest Coding: Valid Data: Jsual Range: Format: Data Source: ACCField: Field Name: Chort Name: Definition: Indi This	1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care COpReNon cate whether the patient returned to	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes" d the operating room for other non-cardia turn to the operating room such as trach	asons. lications SeqNo: 2760 Core: Yes Harvest: Yes ac reasons.
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Coefinition: Indi This evac This	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care COpReNon cate whether the patient returned to s includes procedures requiring a ret cuation, delayed sternal closure ???'	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes" d the operating room for other non-cardia turn to the operating room such as trach	asons. lications <i>SeqNo:</i> 2760 <i>Core:</i> Yes <i>Harvest:</i> Yes ac reasons. eostomy, hematoma
Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Coefinition: Indi This evac This	 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped Comps-Op-ReOp Other Non Care COpReNon cate whether the patient returned to cate of the procedures requiring a returned to cate of the procedures performed to the procedure performed to the performance performed to the performance performed to the performance performed to the performance p	d by STS) Parent Field: Comps-Comp ParentShortName: Complics ParentValue: = "Yes" d the operating room for other non-cardia turn to the operating room such as trach ??	asons. lications <i>SeqNo:</i> 2760 <i>Core:</i> Yes <i>Harvest:</i> Yes ac reasons. eostomy, hematoma

August 24, 2007 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: SeqNo: 2770 **Comps-Op-Perioperative MI** 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 peerreviewed 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 = Y es 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
		<i>ParentValue:</i> = "Yes"

	Comps-Infect-Stern Deep CIStDeep	SeqNo: 2780 Core: Yes Harvest: Yes
	icate whether the patient, within 30 days posele, bone, and/or mediastinum REQUIRIN	ostoperatively, had a deep sternal infection involving
1. 2.	ast have ALL of the following conditions: Wound opened with excision of tissue (I& Positive culture Treatment with antibiotics.	D) or re-exploration of mediastinum
Harvest Coding:	1 = Yes 2 = No	
Valid Data: Usual Range:	Yes; No	
Format:	Text (categorical values specified by ST	TS)
Data Source: ACCField:	User Not mapped	Parent Field: Comps-Complications ParentShortName: Complics ParentValue: = "Yes"
	Comps-Infect-Thoracotomy CIThor	SeqNo: 2790 Core: Yes Harvest: Yes
Mu: 1. V 2. I	icate whether the patient had an infection in st have one of the following conditions: Wound opened with excision of tissue (I&I Positive culture Freatment with antibiotics	
Harvest Coding:	1 = Yes 2 = No	
Valid Data: Usual Range:	Yes; No	
Format:	Text (categorical values specified by ST	rs)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	<i>ParentShortName:</i> Complics <i>ParentValue:</i> = "Yes"
Field Name:	Comps-Infect-Leg	SeqNo: 2800
Short Name:	CILeg	Core: Yes Harvest: Yes
Mu: 1. V 2. I	icate whether the patient had an infection in st have one of the following conditions: Wound opened with excision of tissue (I&I Positive culture Freatment with antibiotics	
Hamsast Codina	$1 - V_{22}$	

Harvest Coding: 1 = Yes

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	2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-	Complications
ACCField:	Not mapped	ParentShortName: Con	nplics
		<i>ParentValue:</i> = "Yes"	
Field Name: C	comps-Infect-Arm		SeqNo: 2801
Short Name: C	lArm		Core: Yes
			Harvest: Yes
Definition: Indic	ate whether the patient had an i	nfection involving an arm harvest sit	e.
1. W 2. Pe	have one of the following cond yound opened with excision of t positive culture reatment with antibiotics		
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-	Complications
ACCField:	Not mapped	ParentShortName: Con	nplics
		<i>ParentValue:</i> = "Yes"	
Field Name: C	comps-Infect-Septicemia		SeqNo: 2810
Short Name: C	ISeptic		Core: Yes
			Harvest: Yes
Definition: Indic	ate whether the patient had sept	ticemia (requires positive blood cultu	res) postoperatively.
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-	Complications
ACCField:	Not mapped	ParentShortName: Con	nplics
		<i>ParentValue:</i> = "Yes"	
Field Name: 0	Comps-Neuro-Stroke Perm		SeqNo: 2830
	NStrokP		Core: Yes
			Harvest: Yes

Definition: Indicate whether the patient has a postoperative stroke (i.e., any confirmed neurological deficit of

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abr	upt onset caused by a disturbance in	n cerebral blood supply) that did not resolution	ve within 24 hours.
Harvest Coding	$\begin{array}{ll} \vdots & 1 = \mathrm{Yes} \\ & 2 = \mathrm{No} \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	ed by STS)	
Data Source:	User	Parent Field: Comps-Compli	cations
ACCField:	Not mapped	ParentShortName: Complics	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Comps-Neuro-Stroke Trans		SeqNo: 2840
	CNStrokT		Core: No
			Harvest: No
Atta	ack (TIA) recovery within 24 hours hin 72 hours).	operatively transient neurologic deficit (T s; Reversible Ischemic Neurologic Deficit	
Harvest Coding.	: 1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	ed by STS)	
Data Source:	User	Parent Field: Comps-Compli	cations
ACCField:	Not mapped	ParentShortName: Complics	
		ParentValue: = "Yes"	
Field Name:	Comps-Neuro-Stroke Trans - TL	A	SeqNo: 2841
Short Name:	CNStrokTTIA		Core: Yes
			Harvest: Yes
		operative Transient Ischemic Attack (TIA in onset but with complete return of functi	
neu	rological function that was abrupt i		
neu Harvest Coding	irological function that was abrupt i1 = Yes		
neu Harvest Coding Valid Data:	 arrological function that was abrupt i 1 = Yes 2 = No 		
neu Harvest Coding Valid Data: Usual Range:	 arrological function that was abrupt i 1 = Yes 2 = No 	in onset but with complete return of functi	
neu Harvest Coding Valid Data: Usual Range: Format:	<pre>trological function that was abrupt i : 1 = Yes 2 = No Yes; No</pre>	in onset but with complete return of functi	on within 24 hours.
neu Harvest Coding Valid Data: Usual Range: Format: Data Source:	 rological function that was abrupt i 1 = Yes 2 = No Yes; No Text (categorical values specified) 	in onset but with complete return of functi	on within 24 hours.
neu Harvest Coding Valid Data:	 rological function that was abrupt i 1 = Yes 2 = No Yes; No Text (categorical values specified User 	in onset but with complete return of functi ed by STS) <i>Parent Field:</i> Comps-Compli	on within 24 hours.
neu Harvest Coding. Valid Data: Usual Range: Format: Data Source: ACCField:	 rological function that was abrupt i 1 = Yes 2 = No Yes; No Text (categorical values specified User Not mapped 	ed by STS) Parent Field: Comps-Compli ParentShortName: Complics ParentValue: = "Yes"	on within 24 hours. cations
neu Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	 rological function that was abrupt i 1 = Yes 2 = No Yes; No Text (categorical values specified User 	ed by STS) Parent Field: Comps-Compli ParentShortName: Complics ParentValue: = "Yes"	on within 24 hours.

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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 = Yes2 = NoValid Data: Yes; No Usual Range: Text (categorical values specified by STS) Format: Parent Field: Comps-Complications Data Source: User ACCField: Not mapped ParentShortName: Complics *ParentValue:* = "Yes" -----Field Name: Comps-Neuro-Cont Coma >=24Hrs SeqNo: 2850 **CNComa** Core: Yes Short Name: 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 = Yes2 = NoValid Data: Yes: No Usual Range: Format: Text (categorical values specified by STS) Data Source: User Parent Field: Comps-Complications ACCField: ParentShortName: Complics Not mapped *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 = NoValid 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" SeqNo: 2852 Field Name: **Comps-Neuro-Paralysis Type** Short Name: **CNParalTy** Core: Yes

Harvest: Yes

Definition: Indic	ate whether the new postoperative paraly	sis or paraplegia was transient or permanent.
Harvest Coding:	1 = Transient 2 = Permanent	
Valid Data:	Transient; Permanent	
Usual Range:		
Format:	Text (categorical values specified by ST	TS)
Data Source:	User	Parent Field: Comps-Neuro-Paralysis
ACCField:	Not mapped	ParentShortName: CNParal
		<i>ParentValue:</i> = "Yes"
Field Name: C	omps-Pulm-Vent Prolonged	SeqNo: 2860
Short Name: C	PVntLng	Core: Yes
		Harvest: Yes
Definition: Indic	ate whether the patient had prolonged pul	monary ventilator > 24 hours.
	de (but not limited to) causes such as AR anical ventilation > 24 hours postoperativ	DS, pulmonary edema, and/or any patient requiring ely.
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by ST	TS)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	ParentShortName: Complics
		ParentValue: = "Yes"
Field Name: C	omps-Pulm-Pulm Embolism	SeqNo: 2870
Short Name: C	PPulEmb	Core: Yes
		Harvest: Yes
	ate whether the patient had a pulmonary ogram, or spiral CT.	embolism diagnosed by study such as V/Q scan,
Harvest Coding:	1 = Yes 2 = No	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specified by ST	TS)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	ParentShortName: Complics
		<i>ParentValue:</i> = "Yes"
	omps-Pulm-Pneumonia	SeqNo: 2880

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Short Name:	CPPneum		Core: Yes
			Harvest: Yes
sput	tum, transtracheal fluid, bronchial v	onia diagnosed by any of the follow yashings, and/or clinical findings co t x-ray diagnostic of pulmonary infi	nsistent with the diagnosis
larvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Isual Range:			
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Comps-Co	omplications
CCField:	Not mapped	ParentShortName: Com	plics
		<i>ParentValue:</i> = "Yes"	
ield Name:	Comps-Renal-Renal Failure		SeqNo: 2890
	CRenFail		Core: Yes
			Harvest: Yes
afinition. Indi	eate whether the nationt had south	or worsening renal failure resulting	in one or more of the
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Comps-Co	omplications
CCField:	Not mapped	ParentShortName: Com	-
		ParentValue: = "Yes"	L
ield Name:	Compa Donal Dialygia Dog		SeqNo: 2900
	Comps-Renal-Dialysis Req CRenDial		Core: Yes
			Harvest: Yes
	cate whether the patient had a new nodialysis, peritoneal dialysis, and a	requirement for dialysis postoperati ny form of ultrafiltration.	
Iarvest Coding:	1 = Yes 2 = No		
alid Data:	Yes; No		
sual Range:			
format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Comps-Re	enal-Renal Failure
		I ···	

ParentShortName: CRenFail

ParentValue: = "Yes"

Not mapped

ACCField:

Field Name:	Comps-Vasc-Iliac/Fem Dissect	SeqNo: 2910
Short Name:	CVaIIFem	Core: Yes
		Harvest: Yes
Definition: Ind	icate whether the patient had a disse	ction occurring in the iliac or femoral arteries.
Harvest Coding	$\begin{array}{ll} \therefore & 1 = \mathrm{Yes} \\ & 2 = \mathrm{No} \end{array}$	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specifie	d by STS)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	ParentShortName: Complics
		<i>ParentValue:</i> = "Yes"
Field Name:	Comps-Vasc-Acute Limb Isch	SeqNo: 2920
	CVaLbIsc	Core: Yes
		Harvest: Yes
	icate whether the patient had any co ower limb ischemia.	mplication producing limb ischemia. This may include upper
Harvest Coding	$\begin{array}{ll} \vdots & 1 = Yes \\ & 2 = No \end{array}$	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specifie	d by STS)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	ParentShortName: Complics
		<i>ParentValue:</i> = "Yes"
Field Name:	Comps-Other-Heart Block	SeqNo: 2930
	COtHtBlk	Core: Yes
Short Itanic.	Coundrik	Harvest: Yes
	icate whether the patient had a new emaker of any type prior to discharg	heart block requiring the implantation of a permanent
Harvest Coding.	$\begin{array}{l} \therefore 1 = \mathrm{Yes} \\ 2 = \mathrm{No} \end{array}$	
Valid Data:	Yes; No	
Usual Range:		
Format:	Text (categorical values specifie	d by STS)
Data Source:	User	Parent Field: Comps-Complications
ACCField:	Not mapped	ParentShortName: Complics

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Field Name:	Comps-Other-Card Arrest		SeqNo: 2940
hort Name:	COtArrst		Core: Yes
			Harvest: Yes
a. b.	dicate whether the patient had an acu Ventricular fibrillation Rapid ventricular tachycardia with he Asystole	-	e of the following:
Iarvest Codin	g: $1 = Yes$ 2 = No		
Valid Data:	Yes; No		
Isual Range:			
format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Comps-C	omplications
CCField:	Not mapped	ParentShortName: Com	plics
		ParentValue: = "Yes"	
			a
Tield Name:	Comps-Other-Anticoag Event		SeqNo: 2950
hort Name:	COtCoag		<i>Core:</i> Yes <i>Harvest:</i> Yes
TI	nticoagulant therapy postoperatively. his may include patients who experien eparin Induced Thrombocytopenia (H		gulopathy (DIC) or
Harvest Codin			
/alid Data: Jsual Range:	Yes; No		
Format:	Text (categorical values specifie	d by STS)	
Data Source:	User	Parent Field: Comps-C	omplications
CCField:	Not mapped	ParentShortName: Com	1
icer ieiu.	Not mapped	ParentValue: = "Yes"	piles
ield Name:	Comps-Other-Tamponade		SeqNo: 2960
hort Name:	COtTamp		Core: Yes
			Harvest: Yes
	dicate whether the patient had fluid in quiring intervention other than return		
1.	his should be documented by either: Echo showing pericardial fluid and s Systemic hypotension due to pericard		
Harvest Codin	g: $1 = \text{Yes}$ 2 = No		
Valid Data:	Yes; No		

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Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: Comps-Con	nplications
ACCField:	Not mapped	ParentShortName: Compli	cs
		<i>ParentValue:</i> = "Yes"	
Field Name:	Comps-Other-GI Event		SeqNo: 2970
Short Name:	COtGI		Core: Yes
			Harvest: Yes
lim a. (b. I c. (d. 1	ited to: GI bleeding requiring transfusion	ploration	-
Harvest Coding	$\begin{array}{l} \therefore 1 = \mathrm{Yes} \\ 2 = \mathrm{No} \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: Comps-Con	nplications
ACCField:	Not mapped	ParentShortName: Compli	ics
		<i>ParentValue:</i> = "Yes"	
Field Name:	Comps-Other-Multi Sys Fail		SeqNo: 2980
Short Name:	COtMSF		Core: Yes
			Harvest: Yes
Definition: Ind	licate whether the patient had two	o or more major organ systems suffer con	npromised functions.
Harvest Coding	$\begin{array}{ll} \therefore & 1 = Yes \\ & 2 = No \end{array}$		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values spec	ified by STS)	
Data Source:	User	Parent Field: Comps-Con	nplications
ACCField:	Not mapped	ParentShortName: Compli	cs
		<i>ParentValue:</i> = "Yes"	
	Comps-Other-A Fib COtAFib		SeqNo: 2990 Core: 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: Yes

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Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-Comp	omplications
ACCField:	Not mapped	ParentShortName: Com	plics
		<i>ParentValue:</i> = "Yes"	
Field Name: C	omps-Ao Dissect		SeqNo: 3000
Short Name: C	VaAoDis		Core: Yes
			Harvest: Yes
Definition: Indica	ate whether the patient had a di	ssection occurring in any part of the ac	orta.
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-Co	omplications
ACCField:	Not mapped	ParentShortName: Com	plics
		<i>ParentValue:</i> = "Yes"	
Field Name: C	omps-Other-Other		SeqNo: 3010
Short Name: C	OtOther		Core: Yes
			Harvest: Yes
	ate whether a postoperative events hospital length of stay and/o	nt occurred that is not identified in the r outcome.	e categories above yet
Harvest Coding:	1 = Yes 2 = No		
Valid Data:	Yes; No		
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Comps-C	omplications
ACCField:	Not mapped	ParentShortName: Com	plics
neer ieiu.			

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	Q. M	lortality
Field Name: N	Iort-Mortality	SeqNo: 3020
Short Name: N	Iortalty	Core: Yes
		Harvest: Yes
from		ed dead within this hospital or any time after discharge causes of death, including those causes clearly unrelated
Harvest Coding:	1 = Yes 2 = No	
Valid Data: Usual Range:	Yes; No	
Format:	Text (categorical values specified by	STS)
Data Source:	User	Parent Field:
ACCField:	Not mapped	ParentShortName:
		ParentValue:
Field Name: N	Iort-DC Status	SeqNo: 3030
	ItDCStat	Core: Yes
		Harvest: Yes
	ery occurred. 1 = Alive	d AT discharge from the hospitalization in which
	2 = Dead	
Valid Data:	Alive; Dead	
Usual Range:		
Format:	Text (categorical values specified by	
Data Source:	User	Parent Field:
ACCField:	Mapped - Definition and coding	ParentShortName:
		ParentValue:
Field Name: N	Iort-30d Status	SeqNo: 3040
Short Name: N	It30Stat	Core: Yes
		Harvest: Yes
Definition: Indic	ate whether the patient was alive or dea	d at 30 days post surgery (whether in hospital or not).
Harvest Coding:	1 = Alive 2 = Dead 3 = Unknown	
Valid Data:	Alive; Dead; Unknown	
Unual Dances		
Usual Range:		
Osuai Range: Format:	Text (categorical values specified by	STS)

ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Mort-Op Death		SeqNo: 3050
Short Name:	MtOpD		Core: Yes
			Harvest: Yes
the	dicate whether the patient had an operative e hospitalization in which the operation wa curring after discharge from the hospital, b ath is clearly unrelated to the operation.	as performed, even if after 30 days; a	and (2) those deaths
Harvest Codin _i	g: $1 = Yes$ 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	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Mort-Date		SeqNo: 3060
Short Name:	MtDate		Core: Yes
			Harvest: Yes
Definition: In	dicate the date the patient was declared dea	ad.	
	-	ad.	
Harvest Coding	g:		
Harvest Codinį Valid Data:	-		
Harvest Coding Valid Data: Usual Range:	g: (Between Discharge and system date)		
Harvest Codinş Valid Data: Usual Range: Format:	g: (Between Discharge and system date) (Within 1 year before system date)		
Harvest Coding Valid Data: Usual Range: Format: Data Source:	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy		
Harvest Coding Valid Data: Usual Range: Format: Data Source:	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User	Parent Field: Mort-Mortality	
Harvest Codin _i Valid Data: Usual Range: Format: Data Source: ACCField:	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User Not mapped	Parent Field: Mort-Mortality ParentShortName: Mortalty	Sec.No: 2070
Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User Not mapped Mort-Location	Parent Field: Mort-Mortality ParentShortName: Mortalty	SeqNo: 3070 Core: Yes
Definition: In Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User Not mapped	Parent Field: Mort-Mortality ParentShortName: Mortalty	SeqNo: 3070 Core: Yes Harvest: Yes
Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Op Ha Ot Ot	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User Not mapped Mort-Location	Parent Field: Mort-Mortality ParentShortName: Mortalty ParentValue: = "Yes"	Core: Yes
Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Ind Op Ha Ot Ot	g: (Between Discharge and system date) (Within 1 year before system date) Date in the format mm/dd/yyyy User Not mapped Mort-Location MtLocatn dicate the patient's location at time of death perating Room (OR) during initial surgery ospital (Other than Operating Room) ome ther Care Facility perating Room (OR) during reoperation hknown	Parent Field: Mort-Mortality ParentShortName: Mortalty ParentValue: = "Yes"	Core: Yes

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	5 = OR during reoperation 6 = Unknown		
Valid Data:	OR during initial surgery; Hospital Unknown	; Home; Other Care Facility; OR durin	g reoperation;
Usual Range:			
Format:	Text (categorical values specified b	y STS)	
Data Source:	User	Parent Field: Mort-Mortality	
ACCField:	Not mapped	ParentShortName: Mortalty	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Mort-Prim Cause		SeqNo: 3080
Short Name:	MtCause		Core: Yes
			Harvest: Yes
Pul Val	ection monary vular known ler		
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; Vascu	lar; Infection; Pulmonary; Valvular; U	nknown; Other
Usual Range:			
Format:	Text (categorical values specified b	y STS)	
Data Source:	User	Parent Field: Mort-Mortality	
ACCE: ald.	Mapped - Definition and coding	ParentShortName: Mortalty	
ACCField:		, , , , , , , , , , , , , , , , , , ,	

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	R. Dis	scharge	
Field Name:	ADP Inhibitors - Discharge		SeqNo: 3090
Short Name:	DCADP		Core: Yes
			Harvest: Yes
con	cate whether or not the patient was disch traindicated or not indicated. The contrain hysician, nurse practitioner, or physician a	indication must be documented in th	
Harvest Coding:	 1 = Yes 2 = No 3 = Contraindicated / Not Indicated 		
Valid Data: Usual Range:	Yes; No; Contraindicated / Not Indica	ted	
Format:	Text (categorical values specified by S	STS)	
Data Source:	User	Parent Field: Mort-DC Status	5
ACCField:	Not mapped	ParentShortName: MtDCStat	
		<i>ParentValue:</i> = "Alive"	
			a yr 2400
	Antiarrhythmics - Discharge		SeqNo: 3100
Short Name:	DCAArhy		Core: Yes
	cate whether or not the patient was disch		
con a pł	traindicated or not indicated. The contrain hysician, nurse practitioner, or physician a 1 = Yes 2 = No	indication must be documented in th	cs, or if it was
con a ph Harvest Coding:	traindicated or not indicated. The contrain hysician, nurse practitioner, or physician a 1 = Yes 2 = No 3 = Contraindicated / Not Indicated	indication must be documented in th assistant.	cs, or if it was
con a pł Harvest Coding: Valid Data:	traindicated or not indicated. The contrain hysician, nurse practitioner, or physician a 1 = Yes 2 = No	indication must be documented in th assistant.	cs, or if it was
con a ph Harvest Coding: Valid Data: Usual Range:	traindicated or not indicated. The contrain hysician, nurse practitioner, or physician a 1 = Yes 2 = No 3 = Contraindicated / Not Indicated	indication must be documented in th assistant.	cs, or if it was
con a ph Harvest Coding: Valid Data: Usual Range: Format:	 traindicated or not indicated. The contraination of the practitioner, or physician at the second s	indication must be documented in th assistant.	ics, or if it was e medical record by
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source:	 traindicated or not indicated. The contraination of the practitioner, or physician at the second s	indication must be documented in th assistant. ted	ics, or if it was e medical record by
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	 traindicated or not indicated. The contraination of the practitioner, or physician at 1 = Yes 2 = No 3 = Contraindicated / Not Indicated Yes; No; Contraindicated / Not Indicated Text (categorical values specified by Sustaination of the provided of the provi	indication must be documented in th assistant. (STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive"	ics, or if it was e medical record by
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField:	 traindicated or not indicated. The contraination of the practitioner, or physician at 1 = Yes 2 = No 3 = Contraindicated / Not Indicated Yes; No; Contraindicated / Not Indicated Text (categorical values specified by Sustaination of the provided of the provi	indication must be documented in th assistant. (STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive"	ics, or if it was e medical record by
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	 traindicated or not indicated. The contrains traindicated or not indicated. The contrains the system of t	indication must be documented in th assistant. (STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive"	ics, or if it was the medical record by <i>SeqNo:</i> 3110
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	 traindicated or not indicated. The contraination of the practitioner, or physician at 1 = Yes 2 = No 3 = Contraindicated / Not Indicated Yes; No; Contraindicated / Not Indicated Text (categorical values specified by Sustaination of the provided of the provi	indication must be documented in th assistant. (STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive"	ics, or if it was e medical record by SeqNo: 3110 Core: Yes
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	 traindicated or not indicated. The contraination of the practitioner, or physician at the practitioner, or physician at the practitioner, or physician at the practice of the practice of the physician at t	indication must be documented in th assistant. tted STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" tion Name	ics, or if it was the medical record by SeqNo: 3110 Core: Yes Harvest: Yes
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: Indi faci	 traindicated or not indicated. The contraination of the practitioner, or physician at the practitioner, or physician at the practitioner, or physician at the practice of the physician at the practice of the physician at the practice of the physician at the physician at	indication must be documented in th assistant. tted STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" tion Name	ics, or if it was the medical record by SeqNo: 3110 Core: Yes Harvest: Yes
con a ph Harvest Coding: Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name:	 traindicated or not indicated. The contraination of the practitioner, or physician at the practitioner, or physician at the practitioner, or physician at the practice of the practice of the physician at the physician of the physician at t	indication must be documented in th assistant. tted STS) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" tion Name	ics, or if it was the medical record by SeqNo: 3110 Core: Yes Harvest: Yes

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Format:	Text (categorical values specify	•	
Data Source:	User	Parent Field: Antiarrhythmics	s - Discharge
ACCField:	Not mapped	ParentShortName: DCAArhy	
		<i>ParentValue:</i> = "Yes"	
Field Name:	Aspirin - Discharge		SeqNo: 3120
Short Name:	DCASA		Core: Yes
			Harvest: Yes
con	-	as discharged from facility on Aspirin, or if contraindication must be documented in the ysician assistant.	
Harvest Coding			
	2 = No 3 = Contraindicated / Not Indi	cated	
Valid Data: Usual Rapae:	Yes; No; Contraindicated / No	n muicated	
Usual Range: Format:	Text (categorical values speci	fied by STS)	
		•	
Data Source: ACCField:	User	Parent Field: Mort-DC Status	
ACCField.	Not mapped	<i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive"	
		Farentvalue. – Alive	
Field Name:	Ace or ARB Inhibitors - Discha	rge	SeqNo: 3130
Short Name:	DCACE		Core: Yes
			Harvest: Yes
was	s contraindicated or not indicated. ord by a physician, nurse practitio	as discharged from facility on ACE or ARB The contraindication must be documented oner, or physician assistant.	
Harvest Coding	: 1 = Yes 2 = No 3 = Contraindicated / Not Indi	cated	
Valid Data:	Yes; No; Contraindicated / No	ot Indicated	
Usual Range:			
Format:	Text (categorical values speci	fied by STS)	
Data Source:	User	Parent Field: Mort-DC Status	
ACCField:	Not mapped	ParentShortName: MtDCStat	
		<i>ParentValue:</i> = "Alive"	
	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.

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	2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indi	cated	
Usual Range:			
Format:	Text (categorical values specified by	y STS)	
Data Source:	User	Parent Field: Mort-DC Status	S
ACCField:	Not mapped	ParentShortName: MtDCStat	
		<i>ParentValue:</i> = "Alive"	
Field Name:	Lipid Lowering - Discharge		SeqNo: 3150
Short Name:	DCLipid		Core: Yes
			Harvest: Yes
wa	dicate whether or not the patient was dis as contraindicated or not indicated. The a physician, nurse practitioner, or physi	contraindication must be documented	
Harvest Coding	g: 1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data:	Yes; No; Contraindicated / Not Indi	cated	
Usual Range:			
Format:	Text (categorical values specified by	y STS)	
Data Source:	User	Parent Field: Mort-DC Status	S
ACCField:	Not mapped	ParentShortName: MtDCStat	
icci iciu.	**		
		<i>ParentValue:</i> = "Alive"	
Field Name:	Lipid Lowering - Discharge - Medica		SeqNo: 3160
	Lipid Lowering - Discharge - Medica DCLipMT		SeqNo: 3160 Core: Yes
Field Name:	• • •		-
Field Name: Short Name:	• • •	ntion Type	Core: Yes Harvest: Yes
Field Name: Short Name:	DCLipMT dicate the type of Lipid Lowering medic	ntion Type	Core: Yes Harvest: Yes
Field Name: Short Name: Definition: Inc	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin	ntion Type	Core: Yes Harvest: Yes
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both	ation Type	Core: Yes Harvest: Yes
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both Statin; Non statin; Both	ntion Type ation the patient was on when dischar	<i>Core:</i> Yes <i>Harvest:</i> Yes ged from the facility
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both Statin; Non statin; Both Text (categorical values specified by	ation Type	<i>Core:</i> Yes <i>Harvest:</i> Yes ged from the facility
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both Statin; Non statin; Both Text (categorical values specified by User	ntion Type ation the patient was on when dischar y STS) <i>Parent Field:</i> Lipid Lowering	<i>Core:</i> Yes <i>Harvest:</i> Yes ged from the facility
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both Statin; Non statin; Both Text (categorical values specified by User Not mapped	ntion Type ation the patient was on when dischar y STS) Parent Field: Lipid Lowering ParentShortName: DCLipid	<i>Core:</i> Yes <i>Harvest:</i> Yes ged from the facility g - Discharge
Field Name: Short Name: Definition: Ind Harvest Coding Valid Data: Usual Range: Format: Data Source:	DCLipMT dicate the type of Lipid Lowering medic g: 1 = Statin 2 = Non statin 3 = Both Statin; Non statin; Both Text (categorical values specified by User	ntion Type ation the patient was on when dischar y STS) Parent Field: Lipid Lowering ParentShortName: DCLipid	<i>Core:</i> Yes <i>Harvest:</i> Yes ged from the facility

Definition: Indicate whether the patient was discharged from the facility on Coumadin, or if it was

contraindicated or not indicated.

contr	raindicated or not indicated.		
Harvest Coding:	1 = Yes 2 = No 3 = Contraindicated / Not Indicated		
Valid Data: Usual Range:	Yes; No; Contraindicated / Not Indicated Text (categorical values specified by STS)		
Format:			
Data Source:	User	Parent Field: Mort-DC Status	
ACCField:	Not mapped	ParentShortName: MtDCStat	
		<i>ParentValue:</i> = "Alive"	
Field Name: D	Discharge Location		SeqNo: 3190
	DisLoctn		Core: Yes
			Harvest: Yes
Definition: Indic	eate the location to where the patient was d	ischarged.	
Harvest Coding:	1 = Home 2 = Extended Care/Transitional Care Un 3 = Other Hospital 4 = Nursing Home	it/Rehab	
	5 = Hospice 777 = Other		
Valid Data:	-	Unit/Rehab; Other Hospital; Nursin;	g Home;
Valid Data: Usual Range:	777 = Other Home; Extended Care/Transitional Care	Unit/Rehab; Other Hospital; Nursin;	g Home;
	777 = Other Home; Extended Care/Transitional Care		g Home;
Usual Range:	777 = Other Home; Extended Care/Transitional Care Hospice; Other		g Home;
Usual Range: Format:	777 = OtherHome; Extended Care/Transitional CareHospice; OtherText (categorical values specified by ST	S)	g Home;
Usual Range: Format: Data Source: ACCField:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User 	S) Parent Field: Mort-DC Status ParentShortName: MtDCStat ParentValue: = "Alive"	g Home;
Usual Range: Format: Data Source: ACCField:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding 	S) Parent Field: Mort-DC Status ParentShortName: MtDCStat ParentValue: = "Alive"	-
Usual Range: Format: Data Source: ACCField: Field Name: C	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding 	S) Parent Field: Mort-DC Status ParentShortName: MtDCStat ParentValue: = "Alive"	
Usual Range: Format: Data Source: ACCField: Field Name: C	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding 	S) Parent Field: Mort-DC Status ParentShortName: MtDCStat ParentValue: = "Alive"	SeqNo: 3200
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding 	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef eate whether advice was given or discussion of personnel) regarding the importance of joint	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other appo	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef Carder whether advice was given or discussion of personnel) regarding the importance of jointment made. 1 = Yes 2 = No	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other appo Harvest Coding:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef Carder whether advice was given or discussion of personnel) regarding the importance of jointment made. 1 = Yes 2 = No 3 = Not Applicable	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other appo Harvest Coding: Valid Data:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef Carder whether advice was given or discussion of personnel) regarding the importance of jointment made. 1 = Yes 2 = No 3 = Not Applicable	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy pining a cardiac rehabilitation program	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other appo Harvest Coding: Valid Data: Usual Range:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef CardRef Carde whether advice was given or discussion personnel) regarding the importance of jointment made. 1 = Yes 2 = No 3 = Not Applicable Yes; No; Not Applicable 	S) <i>Parent Field:</i> Mort-DC Status <i>ParentShortName:</i> MtDCStat <i>ParentValue:</i> = "Alive" n conducted with the patient (by phy pining a cardiac rehabilitation program	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or
Usual Range: Format: Data Source: ACCField: Field Name: C Short Name: C Definition: Indic other appo Harvest Coding: Valid Data: Usual Range: Format:	 777 = Other Home; Extended Care/Transitional Care Hospice; Other Text (categorical values specified by ST User Mapped - Definition and coding Cardiac Rehabilitation Referral CardRef CardRef Carde whether advice was given or discussion personnel) regarding the importance of jointment made. 1 = Yes 2 = No 3 = Not Applicable Yes; No; Not Applicable Text (categorical values specified by ST 	S) Parent Field: Mort-DC Status ParentShortName: MtDCStat ParentValue: = "Alive" n conducted with the patient (by phy pining a cardiac rehabilitation program	SeqNo: 3200 Core: Yes Harvest: Yes sician, nurse, or

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Field Name:	Smoking Cessation Counseling	SeqNo: 3210
Short Name:	SmokCoun	Core: Yes
		Harvest: Yes
ce		e acute care facility, the patient received smoking plicable" for those patients with no prior history of
Harvest Codin	g: $1 = Yes$ 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
		<i>ParentValue:</i> = "Alive"
		
	S. Rea	admission
Field Name:	Readmit <=30 Days from DOP	SeqNo: 3220
Short Name:	Readm30	Core: Yes
		Harvest: Yes
su		as an in-patient within 30 days from the date of initial lmissions to acute care, primary care institutions only. n hospital, or nursing home.
Harvest Codin	g: $1 = Yes$ 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
		<i>ParentValue:</i> = "Alive"
Field Name:	Readmit Reason	SeqNo: 3230
Short Name:	ReadmRsn	Core: Yes
		Harvest: Yes
	dicate the primary reason that the patient v te of initial surgery (select one):	was readmitted as an in-patient within 30 days from the
Aı Aı	nticoagulation Complication - Valvular nticoagulation Complication - Pharmacolo rrhythmia/Heart Block	gical

Congestive Heart Failure

Myocardial Infarction and/or Recurrent Angina

Field Name: Short Name:	Readmit Reason - Primary Procedure ReadmPro	SeqNo: 3240 Core: Yes
		<i>ParentValue:</i> = "Yes"
ACCField:	Not mapped	ParentShortName: Readm30
Data Source:	User	Parent Field: Readmit <= 30 Days from DOP
Format:	Text (categorical values specified by ST	S)
Usual Range:		
Valid Data:	Arrhythmia/Heart Block ; Congestive He Angina ; Pericardial Effusion and/or Tar Complication; Coronary Artery Dysfunc ; Infection - Conduit Harvest Site; Renal	r; Anticoagulation Complication - Pharmacological; eart Failure; Myocardial Infarction and/or Recurrent nponade ; Pneumonia or other Respiratory tion ; Valve Dysfunction ; Infection - Deep Sternum Failure ; TIA; Permanent CVA; Acute Vascular VAD Complication; Transplant Rejection; Other - d Readmission
Valid Data:	 21 = Anticoagulation Complication - Pha 2 = Arrhythmia/Heart Block 3 = Congestive Heart Failure 5 = Myocardial Infarction and/or Recurr 6 = Pericardial Effusion and/or Tampona 7 = Pneumonia or other Respiratory Com 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 	armacological ent Angina ade nplication
Co Vi In In Ro Ti Pe Au Su Vi O		

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):

STS Adult Cardi	ac Data Specifications	August 24, 2007	Version 2.6		
	or Bleeding maker insertion/AICD				
	ardiotomy/Pericardiocentesis				
	or Coronary Arteries				
	or Valve or Sternal Debridement/Muscle Flap				
Dialy	-				
OR f	or Vascular				
	rocedure Performed				
Unki	r Procedure				
_					
larvest Coding:	10 = OR for Bleeding 20 = Pacemaker insertion/AICD				
	30 = PCI				
	40 = Pericardiotomy/Pericardiocente	sis			
	50 = OR for Coronary Arteries				
	60 = OR for Valve 70 = OR for Sternal Debridement/M	uscle Flan			
	80 = Dialysis	usere i lup			
	90 = OR for Vascular				
	700 = No Procedure Performed				
	710 = Other Procedure 720 = Unknown				
Jsual Range:	for Coronary Arteries; OR for Valve for Vascular; No Procedure Perform		ere i iup, Diarysis, OK		
Format:	Text (categorical values specified by	STS)			
Data Source:	User	Parent Field: Readmit <=3	0 Days from DOP		
		ParentShortName: Readm3	•		
ACCField:	Not mapped		J		
		<i>ParentValue:</i> = "Yes"			
	T. Ri	sk Scores			
	isk Model Coefficients Version Nun	ıber	SeqNo: 3249		
<i>Chort Name:</i> P	redCoefVrsn		Core: Yes		
			Harvest: Yes		
this r	version number of the set of coefficien ecord. The value is inserted into the re- on numbers will be specified by the ST	ecord at the time the risk calculatio			
Harvest Coding:	"2.61.1"				
Valid Data:	(assigned value, automatically insert	ed by software)			
Usual Range:					
Format:	Text				
Data Source:	Automatic	Parent Field:			
ACCField:		ParentShortName:			
	Not mapped	i aremsnormame.			

ParentValue:

.....

STS Adult Ca	ardiac Data Specifications	August 24, 2007	Version 2.61
Field Name:	Predicted Risk of Mortality		SeqNo: 3250
Short Name:	PredMort		Core: Yes
			Harvest: Yes
Definition: Ir	ndicate the Predicted Risk of Mortali	ty	
Harvest Codin	ng:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits .999) for display, and at least 0. e.g99999) for harvest and val	5 digits (5 decimal places	
Data Source:	Calculated	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Predicted Deep Sternal Wound I	infx	SeqNo: 3260
Short Name:	PredDeep		Core: Yes
			Harvest: Yes
Definition: Ir	ndicate the Predicted Risk of Deep St	ernal Wound Infection	
Harvest Codin	ng:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits .999) for display, and at least 0. e.g99999) for harvest and val	5 digits (5 decimal places	
Data Source:	Calculated	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Predicted Reoperation		SeqNo: 3270
Short Name:	PredReop		Core: Yes
			Harvest: Yes
Definition: Ir	ndicate the Predicted Risk of Reopera	ation	
Harvest Codin	ıg:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits .999) for display, and at least 0. e.g99999) for harvest and val	5 digits (5 decimal places	
Data Source:	Calculated	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	
Field Name:	Predicted Permanent Stroke		SeqNo: 3280

PredStro		
Treastro		Core: Yes
		Harvest: Yes
dicate the Predicted Risk of Perma	anent Stroke	
g:		
(calculated)		
.999) for display, and at least	0.5 digits (5 decimal places	
Calculated	Parent Field:	
Not mapped	ParentShortName:	
	ParentValue:	
Predicted Prolonged Ventilation	n	SeqNo: 3290
PredVent		Core: Yes
		Harvest: Yes
dicate the Predicted Risk of Prolo	nged Ventilation	
-		
.999) for display, and at least	0.5 digits (5 decimal places	
Calculated	Parent Field:	
Not mapped	ParentShortName:	
	ParentValue:	
Predicted Renal Failure		SeqNo: 3300
PredRenF		Core: Yes
		Harvest: Yes
dicate the Predicted Risk of Renal	Failure	
g:		
(calculated)		
.999) for display, and at least	0.5 digits (5 decimal places	
Calculated	Parent Field:	
Not mapped	ParentShortName:	
	ParentValue:	
Predicted Marhidity or Marta	lity	Sec.No. 2210
PredMM	iity	SeqNo: 3310 Core: Yes
	g: (calculated) Real number, at least 0.3 digi .999) for display, and at least e.g99999) for harvest and v Calculated Not mapped Predicted Prolonged Ventilation PredVent dicate the Predicted Risk of Prolog g: (calculated) Real number, at least 0.3 digi .999) for display, and at least e.g99999) for harvest and v Calculated Not mapped Predicted Renal Failure PredRenF dicate the Predicted Risk of Renal g: (calculated) Real number, at least 0.3 digi .999) for display, and at least e.g99999) for harvest and v Calculated Not mapped Real number, at least 0.3 digi .999) for display, and at least e.g99999) for harvest and v Calculated Not mapped	(calculated) 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.g99999) for harvest and validation. Calculated Parent Field: Not mapped Predicted Prolonged Ventilation PredVent dicate the Predicted Risk of Prolonged Ventilation g: (calculated) 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.g99999) for harvest and validation. Calculated Parent Field: Not mapped Predicted Renal Failure g: (calculated, Not mapped Parent Field: Parent Field: Not mapped 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.g99999) for harvest and validation. Calculated Parent Field: Not mapped Predicted Renal Failure g: (calculated) Parent Field: ParentValue: g: (calculated) 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.g9999) for harvest and validation. g: (calculated) Real number, at least 0.3 digits (3 decimal places e.g. .9999) for harvest and validation. g: (calculated Parent Field: Not mapped Parent Field: ParentShortName:

Harvest: Yes

Definition: In	dicate the Predicted Risk of Morbidity	or Mortality	
Harvest Coding	g:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits (3 .999) for display, and at least 0.5 e.g99999) for harvest and valid	digits (5 decimal places	
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: In	dicate the Predicted Risk of Short Len	gth of Stay	
Harvest Coding	g:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits (3 .999) for display, and at least 0.5 e.g99999) for harvest and valid	digits (5 decimal places	
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: In	dicate the Predicted Risk of Long Len	gth of Stay	
Harvest Coding	g:		
Valid Data:	(calculated)		
Usual Range:			
Format:	Real number, at least 0.3 digits (3 .999) for display, and at least 0.5 e.g99999) for harvest and valid	digits (5 decimal places	
Data Source:	Calculated	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
		ParentValue:	

Definition: Indicate the Predicted Risk of Morbidity or Mortality

	0.3	STS Custom Fields
Field Name:	STS Custom Numeric Field 1	SeqNo: 3400
Short Name:	STSCustNum1	Core: Yes
		Harvest: Yes
be		s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data d by the STS.
Harvest Coding	g:	
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
in Harvest Coding	this field except as explicitly stated	on upgrade can be completed. Users should not store any data d by the STS.
in Harvest Coding Valid Data:	this field except as explicitly stated	
in Harvest Coding Valid Data: Usual Range:	this field except as explicitly stated	
in Harvest Codinş Valid Data: Usual Range: Format:	this field except as explicitly stated	
in Harvest Codinş Valid Data: Usual Range: Format: Data Source:	this field except as explicitly stated g: Real	d by the STS.
in Harvest Codinş Valid Data: Usual Range: Format: Data Source:	this field except as explicitly stated g: Real User	d by the STS. Parent Field:
in Harvest Codinţ Valid Data: Usual Range: Format: Data Source: ACCField:	this field except as explicitly stated g: Real User	d by the STS. Parent Field: ParentShortName:
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name:	this field except as explicitly stated g: Real User Not mapped	d by the STS. Parent Field: ParentShortName: ParentValue:
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField:	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The be in	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The be in Harvest Coding	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The in Harvest Coding Valid Data: Usual Range:	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The in Harvest Coding Valid Data: Usual Range: Format:	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated g:	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data
in Harvest Coding Valid Data: Usual Range: Format: Data Source: ACCField: Field Name: Short Name: Definition: The be in Harvest Coding Valid Data:	this field except as explicitly stated g: Real User Not mapped STS Custom Numeric Field 3 STSCustNum3 his field will be used to store values collected before a data specification this field except as explicitly stated g: Real	d by the STS. Parent Field: ParentShortName: ParentValue: SeqNo: 3420 Core: Yes Harvest: Yes s defined by the STS at a future date if new data fields need to on upgrade can be completed. Users should not store any data d by the STS.

STS Adult Cardiac Data Specifications August 24, 2007 Version 2.61 Field Name: STS Custom Numeric Field 4 SegNo: 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: Parent Field: User ACCField: ParentShortName: Not mapped ParentValue: Field Name: **STS Custom Numeric Field 5** SegNo: 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: ParentShortName: Not mapped ParentValue: Field Name: SeqNo: 3450 **STS Custom Text Field 1** Core: Yes Short Name: STSCustTxt1 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:

STS Adult C	Cardiac Data Specifications	August 24, 2007	Version 2.61
Field Name:	STS Custom Text Field 2		SeqNo: 3460
Short Name:	STSCustTxt2		Core: Yes
			Harvest: Yes
1	This field will be used to store values be collected before a data specification in this field except as explicitly stated	n upgrade can be completed. Users	
Harvest Cod	ing:		
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
	2120001100		Harvest: Yes
	be collected before a data specification in this field except as explicitly stated ing:	10 1	s should not store any data
Valla Data: Usual Range			
Format:	Text length 100		
Data Source.	-	Parent Field:	
ACCField:	Not mapped	ParentShortName:	
neer ieiu.	Not mapped	ParentValue:	
Field Name:	STS Custom Text Field 4		SeqNo: 3480
Short Name:	STSCustTxt4		Core: Yes
1	This field will be used to store values be collected before a data specificatio in this field except as explicitly stated	n upgrade can be completed. Users	
Harvest Cod	ing:		
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: