STS Adult Cardiac - Data Quality Consistency Edits
(for Surgical Procedures entered under 2.35 and 2.41 specifications)

Definition of consistency edit: A standard rule for editing the data to make information consistent. These changes ensure that each data item is consistent with the other data on the record.

- Participants will be notified of any of these edits performed on their data via the participant-specific data quality report.

The consistency edits performed are as follows:

1. Myocardial Infarction (MI) is set to Yes if Status = Urgent and Urgent Reason (UrgntRsn) = AMI.

2. Myocardial Infarction (MI) is set to Yes if Status = Emergent and Emergent Reason (EmergRsn) = AEMI.

3. Angina-Type (AngType) is set to Unstable if Status = Urgent and Urgent Reason (UrgntRsn) = USA.

4. Prev CV Intervent (PrCVInt) is set to Yes if Prior Card Op Req Bypass-# (PrCBNum) is greater than 1.

5. Num Dis Vessels (NumDisV) is set to Double if Left Main Dis>50% (LmainDis) = Yes and NumDisV is None, Single, or missing.

6. Dist Anast – Art # (DistArt) is set to the sum of IMA Dist Anast # (NumIMADA), Radial Dist Anast # (NumRadDA), and GEPA Dist Anast # (NumGEPDA), if the current value of DistArt is missing or less than that sum.

7. If Mort – DC Status (MtDCStat) = Dead
   Or Mort – Date (MtDate) = Date of Discharge (DischDt)
   Then Mort – Op Death (MtOpD) is set to Yes.

   If Mort – Op Death (MtOpD) is missing, then
   If Mort – 30d Status (Mt30Stat) = Dead
   Or Mort – Date (MtDate) is within 30 days of Date of Surgery (SurgDt)
   Then Mort – Op Death (MtOpD) is set to Yes.

8. Patient age (Age) – Age is set to the number of months between the date of birth (DOB) and the Surgery Date (SurgDt) divided by 12 if it is not already equal to that value.

Note: Edits performed at the warehouse can affect predicted mortality match rate in the participant-specific data quality reports.