

STS Adult CV v2.52 Consistency Edits

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. MI
 - a. If (MI is missing or MI<>Yes) and Status=Urgent and UrgntRsn=AMI, then set MI=Yes
 - b. If (MI is missing or MI<>Yes) and Status=Emergent and EmergRsn=AEMI, then set MI=Yes
2. AngType
 - a. If (AngType is missing or AngType<>Unstable) and Status=Urgent and UrgntRsn=USA, then set AngType=Unstable.
3. NumDisV
 - a. If (NumDisV is missing or NumDisV = None or NumDisV=One) and LMainDis=Yes, then set NumDisV=Two.
4. DistArt
 - a. If (NumIMADA>=1 or NumRadDA>=1 or NumGEPDA>=1 or NumOArtD>=1) and DistArt<NumIMADA + NumRadDA + NumGEPDA + NumOArtD, then set DistArt=NumIMADA + NumRadDA + NumGEPDA + NumOArtD.
5. MtOpD
 - a. If (MtOpD is missing or MtOpD=No) and MtDCStat=Dead and MtDate<=DischDt, then set MtOpD=Yes.
 - b. If MtOpD is missing and Mt30Stat=Dead, then set MtOpD=Yes.
 - c. (Note here that a. will overwrite the value of MtOpD if it is missing or No, but b. will only overwrite the value of MtOpD if it is missing).
6. Age
 - a. If Age is missing or the current value of Age does not equal the number of months between the DOB and SurgDt divided by 12, then set Age to this calculated value.
7. TotHrICU
 - a. If ICUInHrs contains a valid value or ICUAdHrs contains a valid value, then set TotHrICU to ICUInHrs + ICUAdHrs if it does not already equal that value. Care must be taken when doing this calculation to handle the situation where one of the values is missing.
8. VentHrs
 - a. If VentHrsI contains a valid value or VentHrsA contains a valid value, then set VentHrs to VentHrsI + VentHrsA if it does not already equal that value. Care must be taken when doing this calculation to handle the situation where one of the values is missing.
9. Order of date fields
 - a. If DOB, AdmitDt, SurgDt, DischDt, and MtDate are not in chronological order, make no changes to the data, but warn the user that the data are incorrect.
 - b. In the VAD section, the implant, explant and transplant dates for the initial implant as well as the two additional implants should all be in chronological order and should all be between the AdmitDt and DischDt. These fields include: VImpDt, VExpDt, VTxDt, VImpDt2, VExpDt2, VTxDt2, VImpDt3, VExpDt3, and VTxDt3. If any of these fields do not meet that criteria, make no changes to the data, but warn the user that the dates are incorrect.

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