Society of Thoracic Surgeons

Adult Cardiac Surgery Database:
Monthly Webinar

October 6, 2021
Agenda

• Welcome and Introductions
• STS Important Dates
• STS Updates
• IQVIA Update
• STS Education
  • FAQ Updates - October
  • Three-Year CABG Composite
  • Other Volume Requirements for STAR Ratings
• Q & A
Important Dates for Adult Cardiac

6 Oct.
• ACSD Monthly Webinar @ 2pmCT

12–15 Oct.
• AQO (ACSD Oct 14)

3 Nov.
• ACSD Monthly Webinar @ 2pmCT

12 Nov.
• Harvest 4 Close

16 Nov.
• Harvest 4 Opt-Out Ends

17 Nov.
• ACSD User Group Call @ 2pmCT
STS Updates

• AQO Registration now open!

• Harvest 3 data in analysis – slight delay with the finalization of the CABG Composite update

• October Training Manual Posted

• 2019-2020 Audit Update
IQVIA Update
Joe Brower
IQVIA Known Issues

The below items will be targeted for the next available ACSD release.

**Release Timing: TBD**

**Reports**

- **Participant Dashboard Report (non-analyzed)**
  - STS-6485 – Update mapping for the Yes option for the Neuro-Stroke Perm (CNStrokP) variable
  - STS-7173 - Unable to select multiple rows in ACSD Participant Dashboard to review drill down results
  - STS-7175 – Graph results on the participant dashboard are not aligning with the data in the table
  - STS-7193 - Total Postoperative Ventilation Hours (VentHrsTot) displaying as missing when Extubated in OR is answered as N/A, should not calculate as missing
  - STS-7152 – Dashboard does no display the counts for patients marked as ExpiredInOR within the MtOpD+Died In Hospital + Died in OR

- **Risk Adjusted Report (analyzed)**
  - STS-6706 - Anesthesia Harvest 4 report inconsistencies – mapping updates required for the 4.20.2 data version
  - STS-6747 – Exported reports are displaying different results in spreadsheet than what is displayed on the report user interface (UI)
  - STS-6785 – NQF Outcomes measures are displayed as a percentage and should display as a ratio
  - STS-7008 - Risk Adjusted and Regional Outcomes vs. Benchmark Report for AVR + CABG – difference noted in between the STS 2020 numbers in the Risk Adjusted and Regional Outcomes vs Benchmark Reports for AVR + CABG
  - STS-7037 - 2019 Surgeon Specific Composite Report displaying blank results when loading the report for surgeons who have a suffix in their account profile
  - STS-7045 - Missing Variable Report - MVR showing Died in OR, Intra-Op post procedure TEE as missing AND anesthesia variables (when OrgPartAdAnesthSect = No) as missing
  - STS-7183 – Blood Products Used calculation update required to remove archived parent variable (IBLDPRODREF) from previous child variables
  - STS-7236 – The Rating Trend years are displaying out of order when exported/printing
The below items will be targeted for the next available ACSD release.

Release Timing: TBD

Reports Con’t

• Missing Variable Report
  • STS-6781 – NQF variables are not listed/assigned within the NQF filter
  • STS-6832 - Total Postoperative Ventilation Hours (VentHrsTot) displaying as missing when Extubated in OR is answered as N/A, should not calculate as missing
  • STS-7194 – MVR is not flagging surgical site infection (SurSInf) as missing

***The known issues list is posted and available in the Library for future reference.
IQVIA will post an updated version of the full list of known issues and enhancements to the Library for user reference this week.
Please note: Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.

The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section.
IQVIA's Support Plan

Please include your Participant ID (PID) in all communications with STS and IQVIA

^ Inquiries received outside live support hours will require a 24-hour turnaround window (i.e., one business day) for responses.
STS Education for October 2021
FAQ Updates - October

Other Previous Cardiac Interventions (POC – seq 805)

- Temporary Pacemaker is NOT considered a previous cardiac intervention

Other Cardiac Procedures (OCarOthr - seq 4135)

- For Endocarditis patients, an aortic or mitral valve replacement which requires the use of patch reconstruction of any part of the aortic and/or mitral valve annulus increases the inherent risk of this procedure, justifying the coding of Seq 4135 "Other Cardiac Other".

A-Fib Lesion Method (AFibLeftAtrialLesMeth – seq 4244)

- Includes ablation to the coumadin ridge

Renal Failure (CRenFail – seq 6870)

- If the patient’s pre-op creatinine SEQ 605 is => 4.0, then do not code post-op renal failure or dialysis as a post-op complication.
- This is clarification. This rule has always been in place for determining post-op renal failure as a complication.
- A warning will fire if you code a pre-op renal failure patient (defined as a patient with a pre-op Creatinine of =>4) as a new renal failure post-op complication.
Starting with Harvest 3 2021 – ACSD CABG Composite and it’s component domains will

- Change from 12 months to a rolling 36-months
  - H3 will include OR Dates - July 1, 2018 to June 30, 2021
- Increase Confidence Interval from 98% to 95%
- Number of required cases: 50 isolated CABGs in 36-months
- Mortality Thresholds stay the same at 2% or less
    - 7/1/2018-6/30/2019 Participant must have 2% or less missing/unknown for mortality fields
    - 7/1/2019-6/30/2020 Participant must have 2% or less missing/unknown for mortality fields
    - 7/1/2020-6/30/2021 Participant must have 2% or less missing/unknown for mortality fields
- NQF Thresholds stay the same at 5% or less, rolling 12-months
  - Preoperative Beta Blockers
  - Discharge Antiplatelet Meds
  - Discharge Beta Blockers
  - Discharge Lipid Lowering Meds
  - IMA Usage
Other Volume Requirements for STAR Ratings

- 10 isolated AVR or AVR+CABG or MVRR, or MVRR+CABG
- MVRR results are only reported for participants with at least 36 procedures for the time period
- MVRR+CABG are only reported for participants with at least 25 procedures.
- When looking at mortality for the combination procedures (MVRR, MVRR+CAB, AVR+CAB, etc...) – look at the total missingness together.
Resources

- STS National Database Webpage
- ACSDTechSupport@IQVIA.com (Uploader, DQR, Missing Variable, Dashboard, Password and Login)
- Phone Support: 1-833-256-7187
- STS National Database Feedback Form
- Resource Documents
  - Contact Information
  - Webinar Information
  - FAQ Document
  - Go-Live Checklist
  - Tiered-level Support Document
  - Training Videos
  - Link to IQVIA
- ckrohn@sts.org
Contact Information

• Carole Krohn, Sr. Clinical Manager, STS National Database
  • CKrohn@sts.org
  • 312-202-5847
• Database Operational Questions
  • STSDB@sts.org
Open Discussion

- Please use the raise-hand function.
- Please use the Q&A Function.
- We will answer as many questions as possible.
- We encourage your feedback and want to hear from you!