

Society of Thoracic Surgeons

Adult Cardiac Surgery  
Database:  
Monthly Webinar

October 6, 2021

A large white circle containing the STS National Database logo and tagline.

**STS National Database**<sup>TM</sup>  
Trusted. Transformed. Real-Time.

# 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

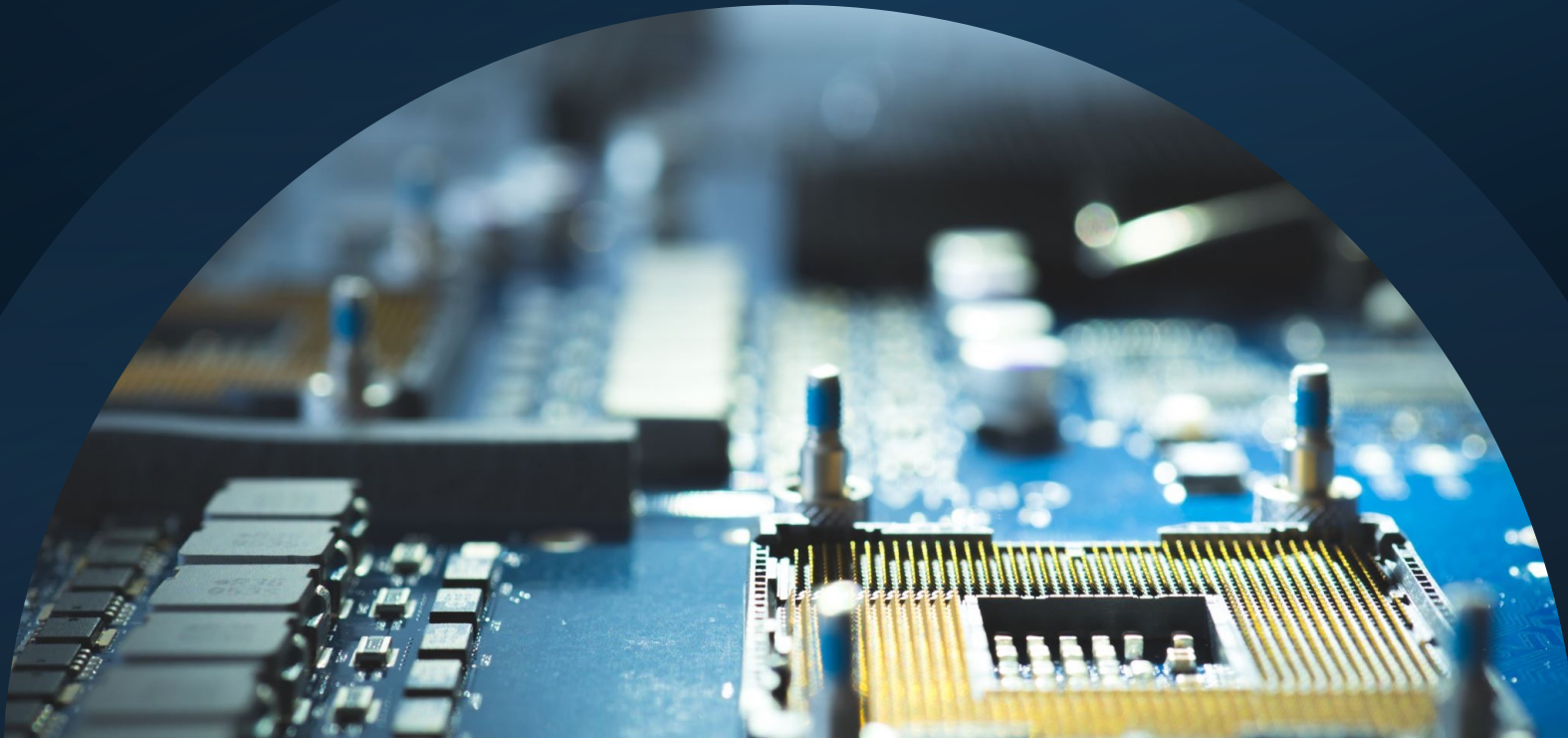
## STS Updates

- 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 not 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

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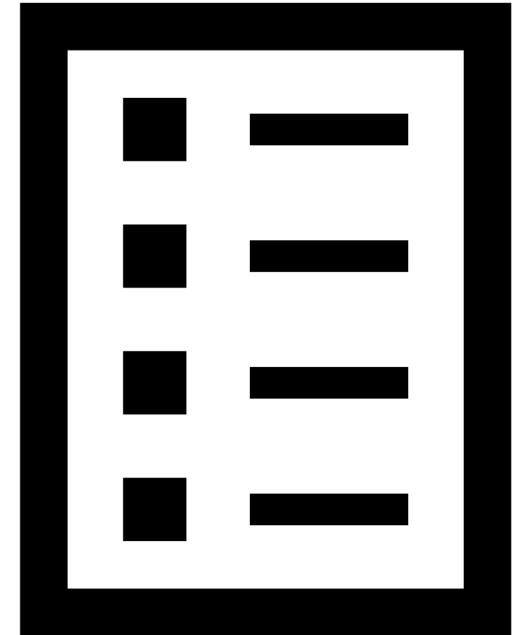
Reports Con't

- **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.**

# ACSD Known Issues and Enhancement Items

**IQVIA will post an updated  
version of the full list of  
known issues and  
enhancements to the  
Library for user reference  
this week.**

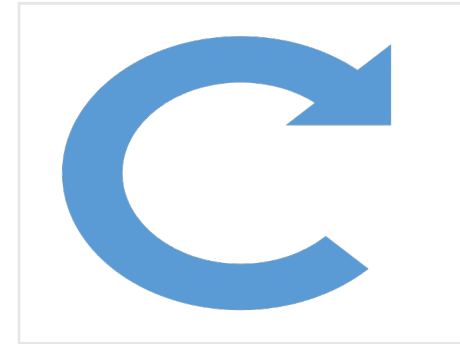




# IQVIA Update



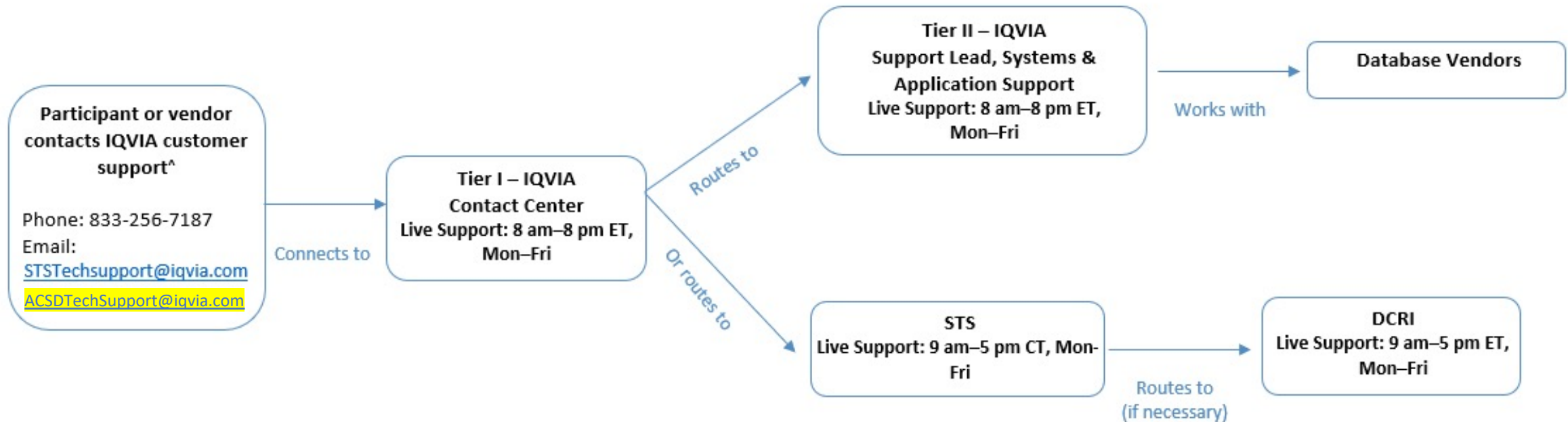
Please note: Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.



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  $\Rightarrow 4.0$ , 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  $\Rightarrow 4$ ) as a new renal failure post-op complication.



# Three-Year CABG Composite

- Starting with Harvest 3 2021 – ACSD CABG Composite and its 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
    - Example for H3 2021: 7/1/2018-6/30/2021.
      - **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](mailto: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
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- Database Operational Questions
  - [STSDB@sts.org](mailto: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!