



# **STS** National Database<sup>TM</sup>

**Trusted. Transformed. Real-Time.**



**Society of Thoracic Surgeons**

**Congenital Heart Surgery Database  
User Group Call**

**October 5, 2021**

# CHSD User Group Call

- Welcome and Introductions
- STS Update
- IQVIA Update
- Risk Adjusted Dashboard Review
- User Feedback
  - Include Ticket Number/Case Number



# STS Updates

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- **October Training Manual to be posted by Friday, October 8th**
- **2020 Harvest Analysis Update**
  - Data expected to be released week of 10/11
  - Participants will be notified when the data is available within IQVIA platform
    - If your surgeon needs assistance with their user credentials, please contact STSDB@sts.org
- **2021 Harvest Update**
  - <https://www.sts.org/registries/sts-national-database/harvest-schedule-and-information>
    - **Spring/Fall 2021 Harvest close is TBD**
      - Please continue using open submission and cleaning your data
      - STS will give Participants ample notice prior to harvest close date
      - **Includes procedures up through 6/30/2021**



# 2021 AQO: A Data Managers Meeting



ADVANCES IN QUALITY & OUTCOMES:  
A Data Managers Meeting  
October 12-15, 2021 ■ VIRTUAL



October 12, 2021 - October 15, 2021

Virtual Meeting

## Registration is open!

The 2021 Advances in Quality & Outcomes (AQO): A Data Managers Meeting features sessions for all four components of the STS National Database. Surgeon leaders and data managers will gather during AQO this year – virtually – to share valuable research and important clinical findings with the goal of improving data collection and patient outcomes. Each day is dedicated entirely to one registry:

- Tuesday, October 12 – Intermacs/Pedimacs
- Wednesday, October 13 – General Thoracic
- Thursday, October 14 – Adult Cardiac
- Friday, October 15 – Congenital

A detailed agenda with speakers and session times will be available in the coming weeks.

Registration is free for STS National Database participants.\*

Please [provide your contact information](#) if you would like to receive updates.

[View the Preliminary Agenda](#)

[Add Calendar Reminder](#)

## Pricing

Registration is required for all attendees. Your registration entitles you to participate in any or all of the meeting days.

STS National Database Participant*	FREE
General Attendee Multiday – STS Member	\$300
General Attendee Multiday – Non-Member	\$400

If you are not an STS National Database participant, you will need an STS Member ID in order to receive the discounted member rate. For help with your STS Member ID, [contact Member Services](#).

Intermacs and Pedimacs participants: click the designated button below to register.

[Register Now](#)

[Register for Intermacs](#)

**\*To receive free registration for AQO**, you must be an STS National Database Participant assigned to one of these roles:

- **Adult Cardiac, General Thoracic, and/or Congenital Heart Surgery Databases:** Surgeon Representative, Participant Surgeon, Anesthesiologist Representative, Anesthesiologist, Primary Data and File Contact, Primary Direct Data Entry Contact, Backup Data and File Contact, Backup Direct Data Entry Contact, Data Quality Report Recipient, or National Report Recipient.





**IQVIA Update**  
**Joe Brower**

# IQVIA 2021 Known Issues

**Items below are under review by the IQVIA development team and will be included in a future release (TBD)**

## **Missing Variable Report**

- **STS-6892** – Identified variable logic will be updated on the MVR report for cases where demographic version is prior to 3.3, currently they are displaying as missing
- **STS-7282** – Anesthesia Adverse event update to the calculation will be added to the MVR report calculation
- **STS-7271** – COVID19 variables (TempCode) and (TempDate) and Hematocrit Prior to Circulatory Arrest or Cerebral Perfusion (HCTPriCircA) will be added to the MVR report calculation

# IQVIA 2021 Known Issues Con't

**Items below are under review by the IQVIA development team and will be included in the CHSD Risk Adjusted Report Release (Oct. 11, 2021)**

## **Primary Procedure Report**

**STS-7126** - Primary Procedure Mismatch Report Exception Rule 1 is being ignored and using the general rule, VSD repairs are displayed as the recommended primary

**STS-7240** – Exception Rule related to codes 1280 and/or 1660 are not recognized in identified scenarios

# IQVIA 2021 Known Issues

**Items below are under review by the IQVIA development team and will be included in a future release.**

## **Missing Variable Report**

**Confirmed Variables that not reported as missing - the report will be updated:**

- 1. COVID-19 question (Tempcode) (SEQ 6724)**
- 2. COVID-19 date (TempDate) (SEQ 6723)**
- 3. Anesthesia Adverse Event (AnesAdvEvent) (SEQ 6380)**
- 4. Hematocrit Prior to Circulatory Arrest or Cerebral Perfusion (HCTPriCircA) (SEQ 1440)**



# 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.**



# Risk Adjusted Report Key Overview

Melanie Bent





*Thank You*

Thank You  
Beta Review Team!

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# CHSD Risk Adjusted Report Benefits

## Key Report Benefits

- The Risk Adjusted Dashboard Report will provide insight into your participant site data where you will be able to:
  - Review your participant site data to review a deeper understanding of the data submitted
  - Review your participant data against the STS National aggregate data
  - Drill down into the results and review the patient level details (patient ID, operation ID, etc...)
  - Export the entire report in a single click to PDF
  - Export individual reports to Excel

# CHSD Risk Adjusted Report Key Points

## Key Report Points

- The last day of submissions for the CHSD Spring/Fall 2020 harvest was Friday, January 22, 2021.
- DCRI conducts the analysis on the snapshot of the data of the Spring/Fall 2020 dataset which is sent from IQVIA.
- Patients who discharged AFTER the submission would NOT be included in the harvest analysis conducted by DCRI.
- Any changes to the data that occurred AFTER the submission deadline would NOT be included in the harvest analysis conducted by DCRI.
- Sites who opted out of the harvest report will not have access to select the reporting period in the parameter page.

# CHSD Risk Adjusted Report Key Points

## Key Report Points Con't.

- COVID-19 and Analysis
  - Patient identified as COVID-19 positive are excluded from analysis.
    - Consideration for the Spring/Fall 2020 reporting period of 1/1/2020 thru 6/30/2020
  - The TempCode field (SEQ 6724) is used to capture the COVID-19 status. The options listed below captures the positive status of the patient.
    - Yes, prior to hospitalization for this surgery (Harvest Code 11)
    - Yes, in hospital prior to surgery (Harvest 12)
    - Yes, in hospital after surgery (Harvest Code 13)
    - Yes, after discharge within 30 days of surgery (Harvest Code 14)

# Key Differences Between Analyzed and Non-Analyzed Reports

## Risk Adjusted Dashboard Report

vs.

## Participant Dashboard Report

- Uses Analyzed Report Results
- Analysis rules/criteria are applied
- Updated after each scheduled harvest and is available after data is analyzed by DCRI and returned to IQVIA
- Patient drill down available; the access case link is not available to navigate to the operation record

- Uses Non-Analyzed Report Results (raw uploaded data)
- No analysis rules/criteria are applied
- Updated automatically via uploaded files and data is available near real-time
- Patient drill down available; the access case link is available to navigate to the operation record



# Risk Adjusted Report Demo

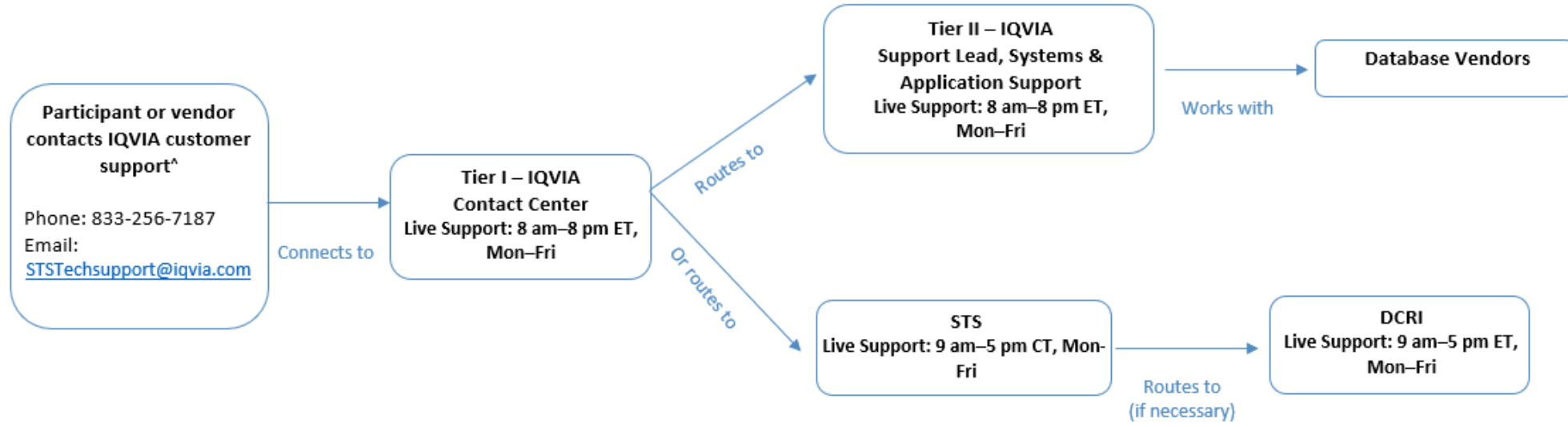




# IQVIA Support Plan



Please include your Participant ID



# IQVIA's Support Plan

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

# Resources

- [STS National Database Webpage](#)
- [STSTechSupport@IQVIA.com](mailto:STSTechSupport@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*



# Contact Information

Leigh Ann Jones, STS  
National Database Manager,  
Congenital and General  
Thoracic

- [Ljones@sts.org](mailto:Ljones@sts.org)
- 312-202-5822

Database Operational  
Questions

- [STSDB@sts.org](mailto:STSDB@sts.org)

# Upcoming CHSD Webinars

## Monthly Webinar

- October 21 @ 12:00pm CT

## User Group Call

- November 2 @ 12pm CT

## Monthly Webinar

- November 18 @ 12pm CT



# Open Discussion



Please use the Q&A Function.



We will answer as many questions as possible.



We encourage your feedback and want to hear from you!



# STS National Database™

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THANK YOU FOR JOINING!