



STS National DatabaseTM

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Society of Thoracic Surgeons

**Congenital Heart Surgery Database
Monthly Webinar**

August 17, 2021

CHSD Monthly Webinar

- Welcome and Introductions
- STS Update
- Episode of Care/Training Manual
- IQVIA Update
- User Feedback
 - Include Ticket Number/Case Number



STS Updates

- **August Training Manual posted**
- **2020 Harvest Analysis Update**
 - Data expected to be released late Summer 2021
 - Dashboards currently undergoing UAT testing by STS
 - UAT testing by Core Group/Beta Testers/Surgeons Leaders set to begin this week!!!
 - Participants will be notified when the data is available within IQVIA platform
 - Save the date – **Tuesday, Sept. 7th @ 12pm CT**
 - IQVIA to provide an educational session on the Risk Adjusted Dashboards
- **2021 Harvest Update**
 - <https://www.sts.org/registries/sts-national-database/harvest-schedule-and-information>
 - **Spring 2021 Harvest close is TBD**
 - Please continue using open submission and cleaning your data
 - STS will give Participants a minimum of two weeks notice prior to harvest close date
 - Includes procedures up through 12/31/2020



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.



Chasity Wellnitz
STS CHSD Consultant

- Episode of Care
- Upcoming changes to Training Manual

Episode of Care Defined

From the CHSD analysis report:

An episode of care may encompass a string of 2 or more consecutive hospital admissions, when a given patient is readmitted to the same database participant center after discharge to another acute care facility or to a chronic care facility, but without having been discharged to home (or without residing in the chronic care facility for 183 consecutive postoperative days).

Episode of Care Defined Cont.

An episode of care *MAY* have:

- multiple dates of admission
- multiple operations
- multiple dates of hospital discharge

An episode of care *CAN ONLY* have:

- one Index operation
- one Date of database discharge

Application - Episode of Care

- Most times, the episode of care ends at hospital discharge
- Complications are collected through the episode of care
- Index operation is the first cardiac operation of the episode of care
- Mortality is calculated for the episode of care
- Length of stay calculations utilize the database discharge date

Episode of Care vs. Hospitalization

Episode of Care

- Date of hospital admission thru the date of database discharge
- Database discharge date is dependent on discharge location

Hospitalization

- Date of hospital admission thru the date of hospital discharge
- Irrespective of discharge location

Episode of Care Example

Scenario:


Following central shunt placement, patient transfers back to birthing hospital. Experiences increased oxygen requirements and is readmitted to the surgical hospital. Requires shunt revision before discharge back to the birthing hospital. Returns for shunt take down and Bidirectional Glenn. Experiences a stroke and care is withdrawn.

Scenario Summary:

3 operations / 3 hospitalizations / 1 episode of care

What is the Hospital vs. Database Discharge Date?

- Hospital discharge date #1:
*initial transfer to birth
hospital*
- Hospital discharge date #2:
*2nd transfer to birth
hospital*
- Database discharge date:
date of death



What is the
length of the
Episode of
Care?

The date of the initial hospital admission through the mortality date

The analyzed post-operative length of stay will be the length of time between the initial surgery and the mortality date

Which is the index operation of the episode of care?

Operations during the episode of care:

Central shunt placement

Shunt revision

Glenn procedure

What are the applicable complications and which surgery are they assigned to?

Complications:

- Unplanned cardiac reoperation
- Stroke

Assignment:

Upon analysis, complications will be assigned to the index operation

Training Manual Challenges



Difficult to search



Challenges to find
updates



Alignment / consistency
across all databases

Upcoming Training Manual Updates



NO LONGER POST
EVERY SUBMITTED
QUESTION



WILL INCLUDE DEFINITION
UPDATES UNDER
INTENT/CLARIFICATIONS

Training Manual Update Example – Current State

Question: April 2019: I have a patient that has had several complications s/p VAD placement; OpType = VAD Operation Done with CPB and since underwent a heart transplant. My understanding is the transplant will be the index operation and all complications will be attributed to this operation. The specs say to assign the complication to the operation that is most closely associated with. If we do this, the VAD complications will be attributed to the transplant. What is the best way to capture the complications related to the VAD procedure?

Response: The transplant is considered the index operation of the episode of care. Upon analysis, all complications are assigned to the index operation, even if they occur on a case prior to the index operation. To prevent this from happening in the analysis, the decision was made to not collect complications on the non-index operations that occur prior to the index operation. These complications can be included as preoperative factors where applicable (i.e., stroke or seizure).

Training Manual Update Example – Cont.

- Lots of detail in the question and response
- Question: How to code complications for procedures that occur prior to the index operation
- Answer: Do not code complications on procedures that occur prior to the index operation; instead, code as preoperative factors where applicable

Training Manual Update Example – Future State

Intent / Clarification:

Complications will overlap. List all complications e.g., for tracheostomy code both tracheostomy and unplanned noncardiac reoperation. Better to over report than underreport as this will help us learn and improve. The purpose for collecting all complications is to find associations that we commonly see with specific procedures to determine if there are alternate ways of performing these procedures to avoid these complications. *Do not code complications on procedures that occur prior to the index operation; instead, code as preoperative factors where applicable*

Summary Document

Listing intent / clarification updates

Posted monthly with updated
Training Manual



IQVIA Update Joe Brower

IQVIA July 2021 Release Update

Items below were released to the production environment the weekend of July 31

CHSD Missing Variable Report

STS-6211 – CHSD MVR Report – The ProCmplxCon4Ds3 variable is appearing as missing but should not appear as missing

STS-6343 - CHSD MVR Report – The “Unknown” option should be considered as MISSING for the Mortality Status At Database Discharge (mtdbdisstat) on the missing variable report

STS-6427 - CHSD MVR Report – The Missing Variable Report flagging the OnDemandVrsn as missing for migrated records

STS-6340 – CHSD MVR Report - Remove the MT365STAT variable from the Mortality Filter and remove “[2]” in the name column for shortname MT365STAT in MVR

IQVIA July 2021 Release Update

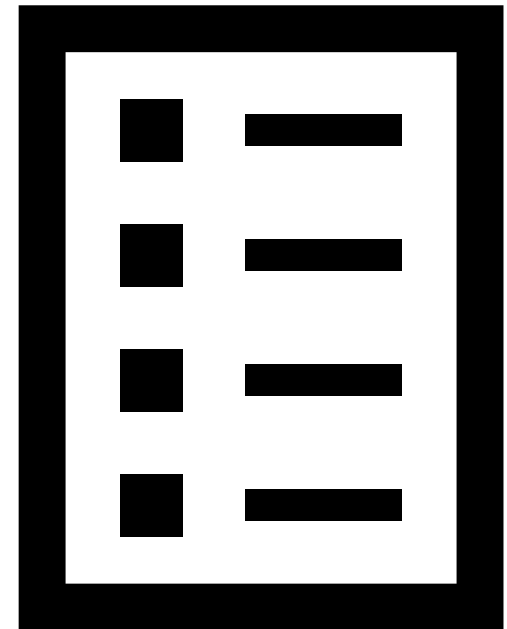
Items below were released to the production environment the weekend of July 31.

Primary Procedure Report

STS-6325 - Primary Procedure Mismatch Report Exception Rule 1 is being ignored and using the general rule

CHSD Known Issues and Enhancement Items

**IQVIA has posted the full
list of known issues and
enhancements to the
Library for user reference.**



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.

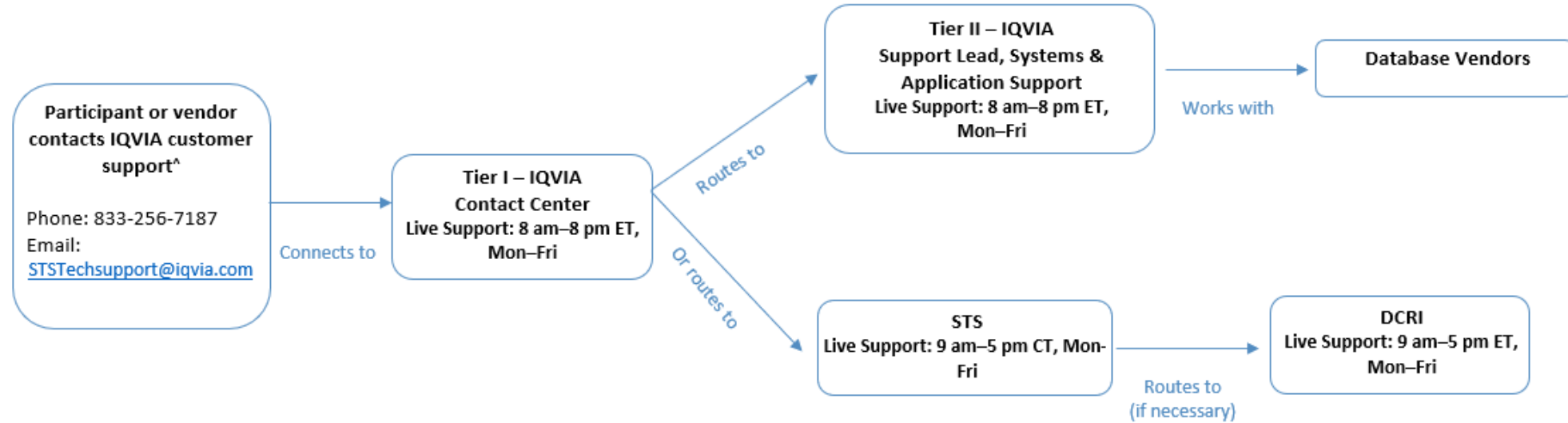
The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section.



IQVIA 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 (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

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- 312-202-5822

Database Operational
Questions

- STSDB@sts.org

Upcoming CHSD Webinars

User Group Call

- September 7 @ 12pm CT

Monthly Webinar

- September 23 @ 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!



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THANK YOU FOR JOINING!