

Society of Thoracic Surgeons

Congenital Heart Surgery Database
Monthly Webinar

October 21, 2020



STS National Database™
Trusted. Transformed. Real-Time.

Agenda

- Welcome and Introductions
- STS Updates
- NCAA/Chromosomal Abnormalities/Syndromes
- IQVIA Updates
- User Feedback
 - Include Ticket Number/Case Number



STS Updates



- 2020 Harvest Update
 - Submission Deadline to be extended
 - Originally scheduled for Friday, October 16th
 - New harvest close date **TBD**
 - Email notification regarding the harvest extension was sent to the CHSD Community on Tuesday, 9/29
- Clinical Question Review Still in Progress
 - High volume of questions
 - Core group will have 2 calls this month
- AQO Wrap Up
 - Thank you to everyone that attended (approx. 850 attendees)
 - ALL AQO sessions will be available within the platform for an entire year!
 - CE credit must be claimed by December 31, 2020
 - If you would unable to attend the AQO Meeting, access to the program will be available for purchase in late November via the STS Learning Center.
- CHSD Upgrade
 - Beginning stages
 - Email any upgrade suggestions to ljones@sts.org
 - Go live scheduled for January 2022

Congenital Database Spec Upgrade

- Upgrade in progress
- NCAA / Chromosomal Abnormalities / Syndromes reviewed
 - ‘Others’ coded ≥ 10 times considered for inclusion
 - Fields never coded future elimination potential
- Data manager tips
 - Better areas to code some ‘Other’
 - Missing data



Non-Cardiac Congenital **Anatomic** & Chromosomal Abnormalities

- NCAA
 - Other should include true anatomic abnormalities
- Chromosomal Abnormalities
 - Other should include chromosomal abnormalities, i.e. deletions, duplications etc.
 - Factor V Leiden - preop factor coagulable state
 - Cardiomyopathy – cardiac diagnosis



“Syndromes...” or are they...?

- **EP/Arrhythmia codes – removed in V3.41**
 - Sick sinus
 - Long/Short QT
- **Maternal factors**
 - Use: “Pregnancy complications, other”
- **Diagnoses codes**
 - HLHS
 - Shone’s
 - Scimitar
- **Tethered Cord syndrome**
 - Use specs/training manual when considering documenting “other”
- **Avoid documenting “possible”**

IQVIA Update

Joe Brower



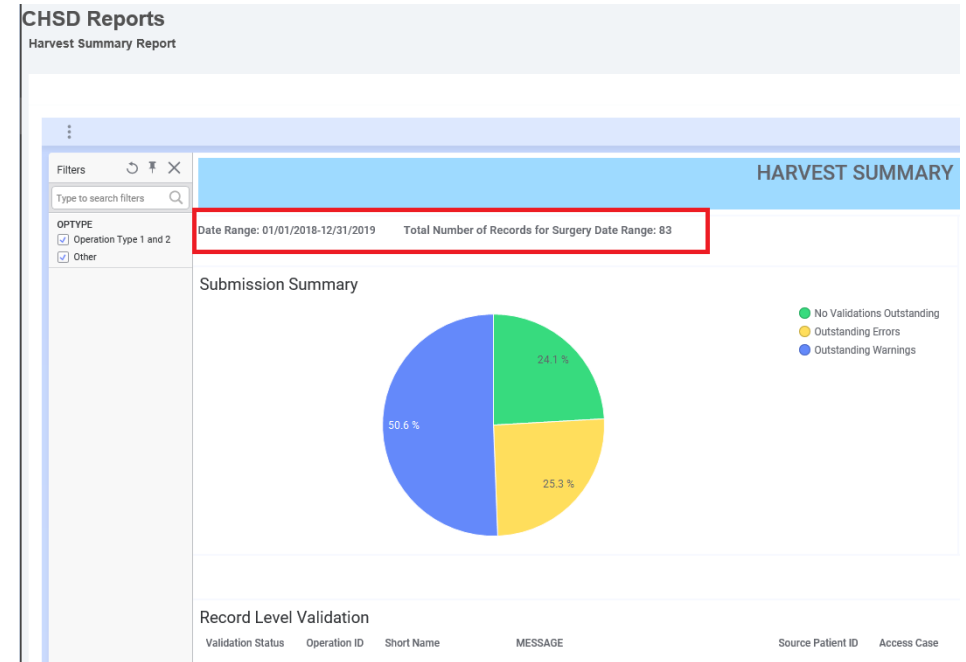
October 2020 – Upcoming Release

Items below were released on October 10th

Report Enhancements

CHSD Harvest Summary Report

- STS-3662 – Updating the Harvest Summary Report to display total number of cases for quick reference on the report interface
- STS-3122 – Updating the Harvest Summary Report to display the surgery date range for quick reference on the report interface



October 2020 – Release Information

Items below were released on October 10th

Missing Variable Report Updates

- STS-3560 – CHSD MVR – Surgeon Name displaying as missing but information is listed in the case
- STS-3565 – CHSD MVR Fields not reflected on MVR (CPBTm and more)
- STS-3407 – CHSD MVR indicates Valve Explant Model #4 variable is missing, (ValEx4) parent value should be considered
- STS-3609 – CHSD Add validation check for Autologous check for Optype in 3.3 version
- STS-3225 – CHSD Missing Variable Report displaying Autologous Transfusion
- STS-3587 – TRANSFUSBLDPRODGT24 Missing Variable appearing when answer is set to No

The IQVIA team is currently reviewing submitted requests and will follow up with users regarding their tickets once they have further updates.

CHSD Items Under Review

Items below are currently under review:

Uploader

- STS-4055 - Updated records in DQR does not reflect the records truly updated
 - (Working with specific sites who have reported this issue)
- STS-4295 – Autologous Transfusion is not updating on the caseform (reported by single site, .dat file review underway)

Missing Variable Report

- STS-4296 - ProcoagHunateP3UN appears on MVR when ProcoagHunateP2UN is not > 0 (logic update is required)

CHSD Dashboard Report

- STS-3873 – Discrepancy on total number of cases that is appearing in dashboard vs. vendor system (reported by single site)

The IQVIA team is currently reviewing submitted requests and will follow up with users regarding their tickets once they have further updates.

IQVIA New Reports

Melanie Bent



Upcoming CHSD Reports



* October **2020**

(TBD – Incorporating DCRI and STS Feedback)

Primary Procedure Mismatch Report



Risk Adjusted
Dashboard

(based on DCRI
Risk Adjusted
Harvested Data)

Primary Procedure Mismatch Report Update

- IQVIA/DCRI/STS conducted working sessions to review the rule exclusion requirements.
 - Outcome of sessions:
 - DCRI has specific steps that are conducted prior to generating the Primary Procedure Report which includes setting certain procedure codes to a certain state so they are not considered.
 - IQVIA does not set or change values when generating the report, therefore we worked with DCRI & STS to determine rule priority processing.
 - As those changes were being implemented we continued to meet with STS and beta testers to solicit and provide feedback using their production datasets.
 - Based on these changes and after testing validation is completed, IQVIA anticipates on reopening the User Acceptance Test environment to the identified beta users.
 - Communication will be sent from STS once they receive the green light from IQVIA.



CHSD Harvest Checklist Review



CHSD Harvest Close Checklist

☐ Upload procedures for the identified reporting period for the harvest

Steps to Clean Up Your Data

☐ Review the Data Quality Report

- Review critical errors; if encountered, resolve those errors to allow the identified records to save successfully to the data warehouse
- Review error and warning messages; if encountered, resolve the errors related to analyzed patient records

☐ Review the Critical Summary Report

- Enter the submission date range
- Review specific submission details related to total number of records submitted to the data warehouse, successful, failed, and records not updated

CHSD Harvest Close Checklist

Steps to Clean Up Your Data Con't

☐ Review the Harvest Summary Report

- Enter the surgical date range
- Review outstanding errors and warnings in a single report; this report is holistic and not submission specific

☐ Review the Missing Variable Report

- Enter the surgery date range to review variables identified as missing
- Review identified variables and make updates within software vendor system
- Once updates are made, export file and upload to IQVIA
- Re-run report to review updates to confirm items are addressed

CHSD Harvest Close Checklist

Steps to Clean Up Your Data Con't (UPDATED)

☐ Review the Case Analysis for Mortality Inclusion Report

- Select the predefined surgical date range
- Review the identified Ineligible cases for each respective surgical year
- Update the missing variables for the respective cases in your software vendor system and upload those updates to the IQVIA platform

☐ Review the Primary Procedure Mismatch Report

- Select the predefined surgical date range
- Review the cases that have been identified as a “mismatch” on the report
- Please note that the primary procedure selected in your software may not match the primary procedure ultimately assigned by DCRI at the time of analysis

CHSD Harvest Close Checklist

Reviewing the Full Picture

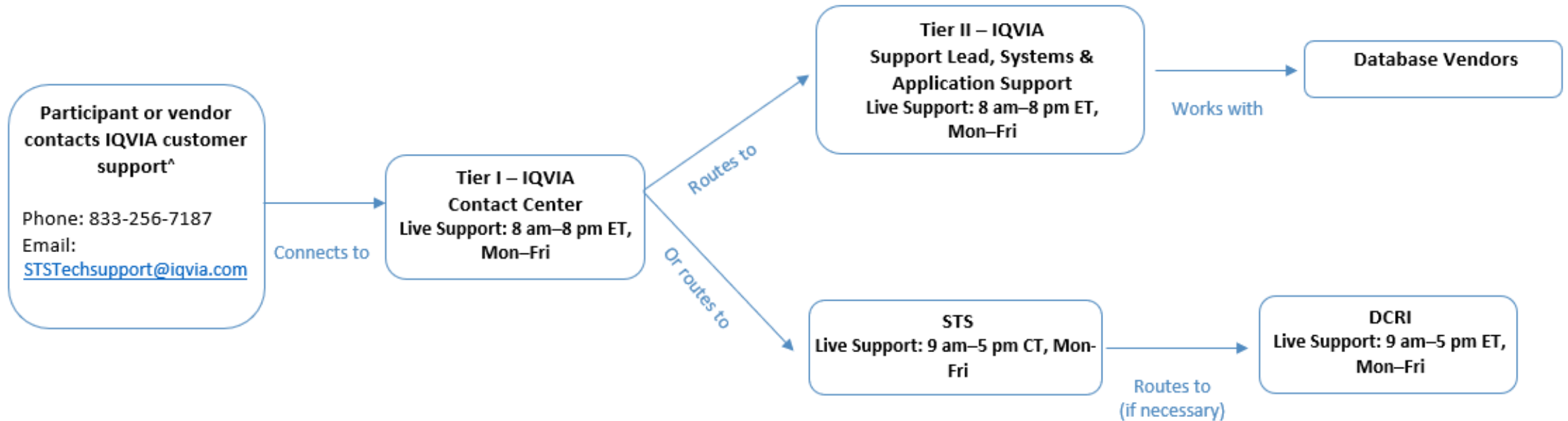
☐ Review the CHSD Participant Dashboard Report

- Enter the required report parameters (date, procedures, age and index)
- Review the available report sections to analyze results based on the patient records that are available within the data warehouse
- Review the breakdown analytics of different areas such as:
 - ✓ Operation Types
 - ✓ Mortality Status at Hospital Discharge
 - ✓ Status at 30 Days after Surgery
 - ✓ Operative Mortality

IQVIA Support Plan



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

- Leigh Ann Jones, STS National Database Manager, Congenital and General Thoracic
 - Ljones@sts.org
 - 312-202-5822
- Database Operational Questions
 - STSDB@sts.org



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!

Next CHSD Webinars

User Group Call

- November 3 @ 12pm Central

Monthly Webinar

- November 17 @ 12pm Central



THANK YOU FOR JOINING!

