

Society of Thoracic Surgeons

Congenital Heart Surgery Database
User Group Call

November 3, 2020



STS National Database™
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Agenda

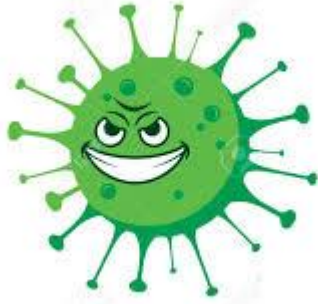
- Welcome and Introductions
- STS Updates
- IQVIA Updates
- User Feedback
 - Include Ticket Number/Case Number



STS Updates

- 2020 Harvest Update
 - Submission Deadline extended
 - Originally scheduled for Friday, October 16th
 - New harvest close date **TBD**
- AQO Wrap Up
 - 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 be 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 (currently reviewing preop factors)
 - Email any upgrade suggestions to ljones@sts.org
 - Go live scheduled for January 2022
 - Specs to vendors July 2021





COVID Coding Review

- Temp Code 6724 and Temp Code 6723 being utilized
- Review to ensure your cases are coded correctly
- Improper coding could change your outcomes/analysis

BIRTH INFORMATION	
Did the patient have a laboratory confirmed diagnosis of Covid-19? <u>TempCode (6724)</u>	<input type="checkbox"/> No (Harvest Code 10) <input type="checkbox"/> Yes, prior to hospitalization for this surgery (Harvest Code 11) <input type="checkbox"/> Yes, in hospital prior to surgery (Harvest Code 12) <input type="checkbox"/> Yes, in hospital after surgery (Harvest Code 13) <input type="checkbox"/> Yes, after discharge within 30 days of surgery (Harvest Code 14)
Date of Positive Covid-19 Test (closest to OR date) _____ / _____ / _____ (mm/dd/yyyy) <u>TempDt (6723)</u>	

Abstracting Covid-19 Fields

Must be a positive PCR test (SARS-CoV-2)

Antibody testing is not captured

Code No for patients who are not tested and for patients who are tested for Covid 19 and that test is negative

For more than one positive test, collect the test closest to OR Date

Enter date (seq 6723) for a positive test only. We do not want a date for a negative test



Abstracting Covid-19 Fields

Do we really need to go back to January to abstract this field?

No. But, you can go back to January 1 if your site was impacted early on.

Will these patients be included in outcomes?

No, records coded as COVID+ (harvest codes 11, 12, 13 and 14) will be excluded from analysis and public reporting

Can I abstract a patient who is assumed to be Covid-19+ but was not tested?

No. ONLY code yes for a patient who has been confirmed to have Covid-19 through laboratory testing.

Covid-19 after discharge

For patients that self-report testing positive for Covid-19 within 30 days of surgery indicate 'Yes, after discharge within 30 days of surgery'.

IQVIA Update

Joe Brower



CHSD Items Under Review

Items below are currently under review by the IQVIA team:

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 - ProcoagHumateP3UN appears on MVR when ProcoagHumateP2UN 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.

November 2020 – Upcoming Release

Item below is targeted for November 2020 release

New Report Release - Primary Procedure Mismatch Report

- UAT in progress and scheduled to be released in November
- More details coming up on next slides



IQVIA New Report

Melanie Bent

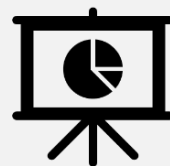


Upcoming CHSD Reports



November **2020**

Primary Procedure Mismatch Report



Risk Adjusted
Dashboard Report

(based on DCRI
Risk Adjusted
Harvested Data)



Primary Procedure Mismatch Rules Overview

Report Rules Overview

- The guiding principle of the report is “for a given operation, the primary procedure with the highest STAT score should be selected.”
 - Users can reference the Appendix C: STAT Categories chart by accessing the STS.org website https://www.sts.org/sites/default/files/CHSD%20Appendix%20C_Updated7232020.pdf
- If there is a tie for the highest STAT score, the procedure selected by the participant (user) will be determined as the primary procedure.
 - Operations that are identified as TIE scenarios will not appear on the report, the participant selection will be designated.
- Primary Procedure Exclusion rules are considered within the report:
 - Users can reference the rule exclusions by accessing the STS.org website https://www.sts.org/sites/default/files/Determination_of_Primary_Diagnosisand_Primary_Procedure_09082020.pdf

Primary Procedure Mismatch Report Demo



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

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

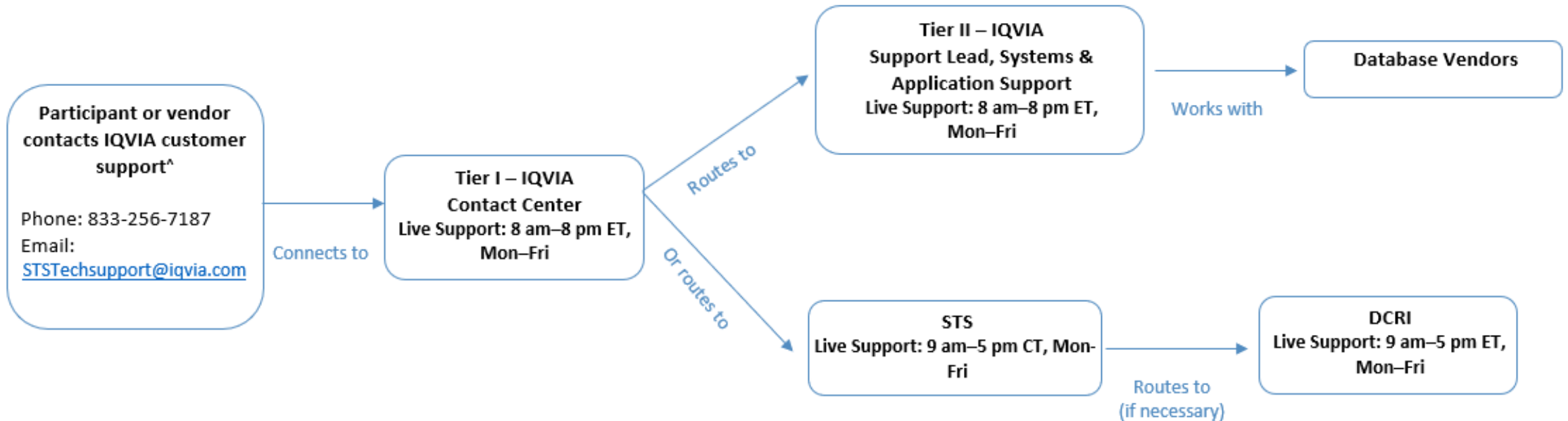
Review the CHSD Participant Dashboard Report

- 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



Next CHSD Webinars

Monthly Webinar

- November 17 @ 12pm Central

User Group Call

- December 1 @ 12pm Central



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!

THANK YOU FOR JOINING!



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