

# Society of Thoracic Surgeons

Congenital Heart Surgery Database  
Monthly Webinar

November 17, 2020



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

# Agenda

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



# STS Updates



- **2020 Harvest Update**
  - Data File Submission Deadline
    - Friday 12/11 (11:59pm ET)
  - Opt Out date
    - Tuesday 12/15
- **CHSD Upgrade**
  - Beginning stages
  - Email any upgrade suggestions to [ljones@sts.org](mailto:ljones@sts.org)
  - Go live scheduled for January 2022
- **AQO Wrap Up**
  - All AQO Sessions will be available for an entire year
  - CE Credit must be claimed by December 31, 2020
  - Access to AQO will be available for purchase in late November via the STS Learning Center
- **Primary Procedure Mismatch Report Available**
  - Email notification sent 11/10/2020
  - **Important first step – review Report Overview (IQVIA Library) to understand its currently functionality**

# IQVIA Update

Joe Brower



# IQVIA Release Update

Items below are currently targeted for an upcoming release.

## **Uploader**

- STS-4295 – Autologous Transfusion is not updating on the caseform

## **Missing Variable Report**

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

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 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) – **CLOSED/RESOLVED**

## **• 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.

# Primary Procedure Mismatch Report Review



# 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](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](https://www.sts.org/sites/default/files/Determination_of_Primary_Diagnosisand_Primary_Procedure_09082020.pdf)

# Primary Procedure Mismatch Upcoming Enhancements

## **Report Upcoming Enhancements – Currently NOT available on the report**

1. OpType Report Filtering to allow focus on OpType 1 and OpType 2 operations
  - Currently the report displays all operation types
2. Combination Procedures to be added to report logic consideration
  - 8 identified combo procedures will be considered within the primary procedure report logic
  - Update report logic to identify the individual procedures that make up the combination procedures and report logic will not consider child procedures to be considered for primary procedure when associated parent code is selected.

# Primary Procedure Mismatch Upcoming Enhancements Con't

## Report Upcoming Enhancements Con't

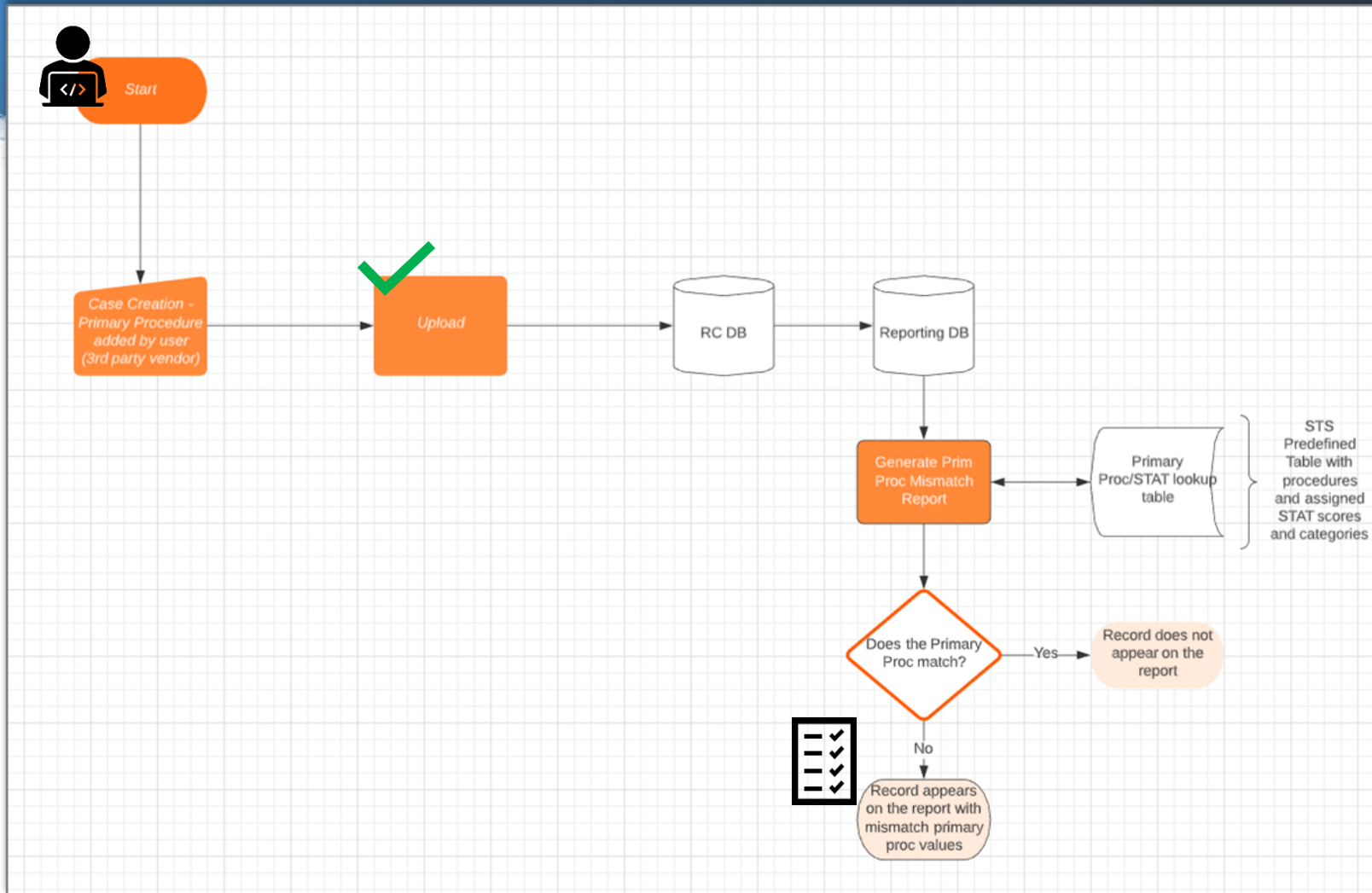
3. Add Kawashima procedure to the exception rule 1 code list
  - Currently the report does not consider the Kawashima procedure on the exception rule 1 code list
  - DCRI did not include the Kawashima procedure on the exception rule 1 code list
  - Additional logic consideration to be added when the Kawashima code is coded in combination with a Glenn or Hemifontain procedure.
  - **NEW RULE LOGIC:** If a Kawashima is coded in combination with either the Glenn or Hemifontain procedures, the report should code the primary procedure as Kawashima.

# Primary Procedure Mismatch Upcoming Enhancements Con't

## Report Upcoming Enhancements Con't

4. Add the below codes to the Exception Rule 1 Procedure Specific Factor list for consideration - 2160, 2170, 2180
  - Hybrid Approach "Stage 1", Application of RPA and LPA bands (2160)
  - Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) (2170)
  - Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA (2180)
5. **NEW RULE LOGIC:** If one of the 3 VSD repairs is selected in combination of a PFO, Primary closure, the selected VSD (VSD repair, Device (120) or VSD repair, Patch (110) or VSD, Multiple, Repair (130)) would be considered the primary in the instances where there is a STAT score tie scenario. The report will not consider the VSD repair, Primary closure (100) in this scenario.

# Primary Procedure Determination Data Flow



# 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

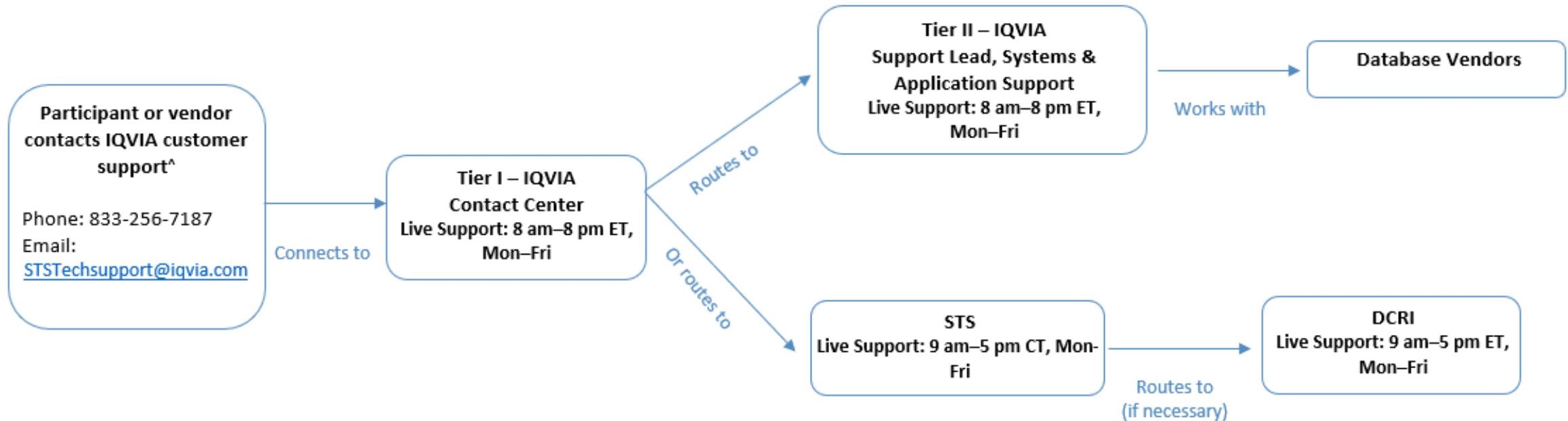
### ☐ Review the CHSD Participant Dashboard Report

- 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](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)



# Next CHSD Webinars

## User Group Call

- December 1 @ 12pm Central

## Monthly Webinar

- December 15 @ 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!

