Society of Thoracic Surgeons

Congenital Heart Surgery Database Monthly Webinar

September 15, 2020

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Agenda

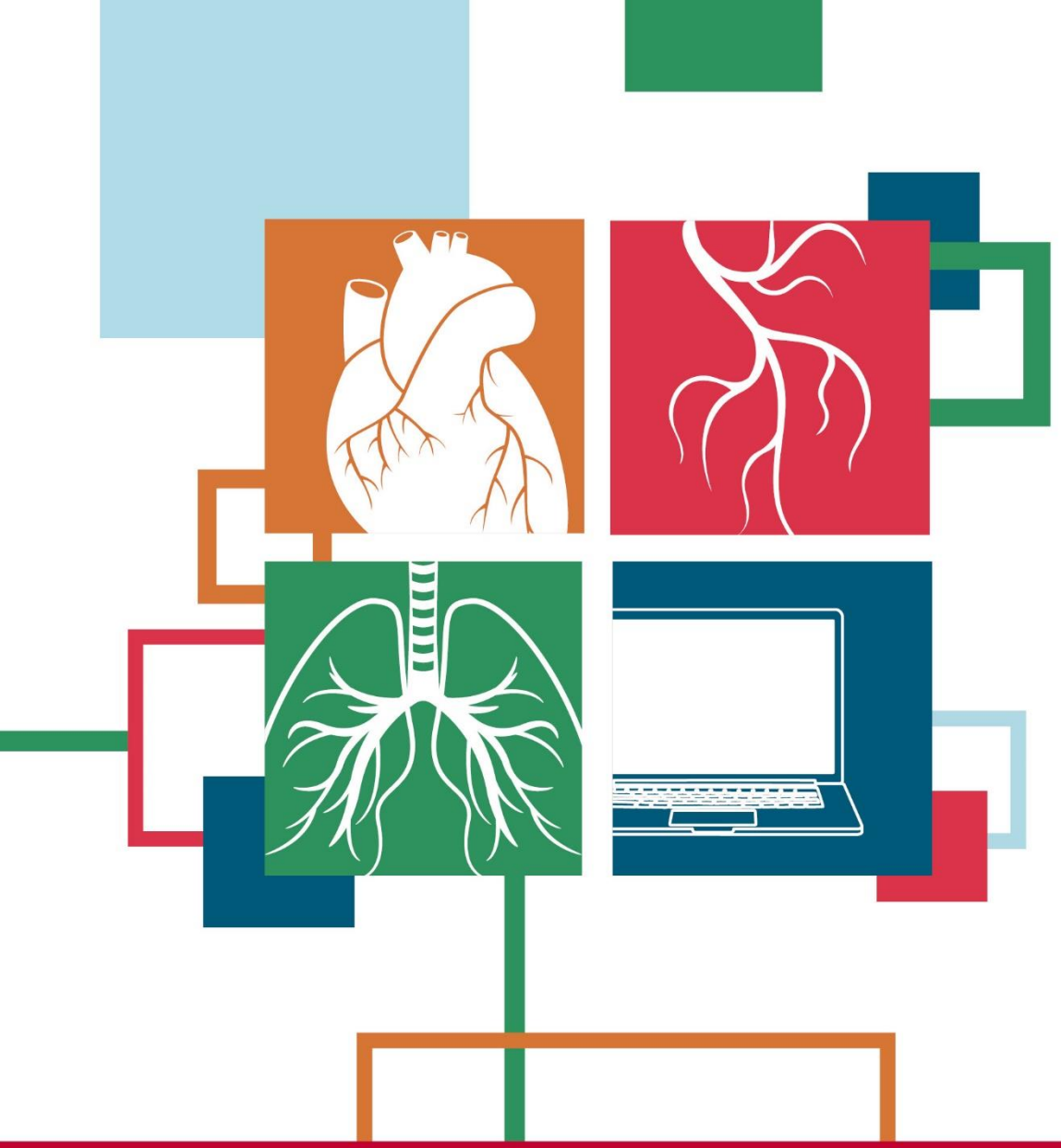
- Welcome and Introductions
- Housekeeping
- STS Update
- IQVIA Update
- Q&A - Please submit using the Q&A function

Housekeeping

- September Training Manual
- Rules for Determining Primary Procedure
- CHSD Data Version Upgrade

CHSD Spring/Fall 2020 Harvest Update

- Spring/Fall Harvests combined for 2020
  - Submission deadline: Friday, October 16, 2020
  - Opt-out date: Tuesday, October 20, 2020
  - New Reports Available/Coming Soon
    - **Mortality Eligibility Summary**
    - **Primary Procedure Mismatch (9/26)**
- ONE analysis/report for 2020
  - **Surgery Dates included: 7/1/2016 - 6/30/2020**
- STS Public Reporting will resume in 2021



ADVANCES IN QUALITY & OUTCOMES:
A Data Managers Meeting

September 29 – October 2, 2020 ■ VIRTUAL

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Receive Early Bird Registration Pricing through Monday, September 7, 2020.

Pricing

	Member		Non-Member	
	Early Bird	After Sept. 7	Early Bird	After Sept. 7
Tuesday, September 29: Intermacs/Pedimacs	$75	$150	$100	$200
Wednesday, September 30: General Thoracic	$75	$150	$100	$200
Thursday, October 1: Adult Cardiac	$75	$150	$100	$200
Friday, October 2: Congenital	$75	$150	$100	$200
Multiday or All Days	$150	$300	$200	$400

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On the AQO Webpage you will find the following information:

- Request Justification Letter
- AQO Overall Objectives
- Preliminary Program
- Link to Registration or Mail-In Form
- Link to Abstract Submission

Contact **Emily Conrad** at econrad@sts.org with Program Related Questions.

Contact **Amy Cacich** at acacich@sts.org with Registration Questions.

Continuing Education Credits

STS is partnering with Corexcel to offer Nursing CEs and Perfusion CEUs. The number of available CEs and instructions for claiming credit will be shared closer to the event.

Virtual Platform

AQO will offer both on-demand and live sessions. There will be an opportunity to ask questions through a Q&A function.

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IQVIA Update

Joe Brower

September 2020 – Release Update

Items below were released on September 12, 2020:

Missing Variable Report

- STS-3356 – CHSD Missing Variable Report displaying MT365STAT variable incorrectly – 1 year logic should be applied
- STS-3389 – CHSD Chromosomal Abnormality – Other –Specify is missing, updated logic required to validate on demodataversion
- STS-3501 – CHSD Dashboard – update logic to exclude cases in the missing percent calculation for the operative mortality variable if the patient still in hospital variable is set to Yes
- STS-3641 – CHSD Dashboard Report – OpType section is no longer appearing in the dashboard

September 2020 – Enhancements

Update for Existing Reports

CHSD Participant Dashboard Report

- STS-3425 - CHSD MVR and Dashboard Reports – Updating the Premature Birth label

October 2020 – Upcoming Release

Items below are targeted for the October 10th release.

- STS-3662 – Updating the Harvest Summary Report to display total number of cases for quick reference
- STS-3122 – Updating the Harvest Summary Report to display the surgery date range for quick reference
- 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-3604 – CHSD MVR Report Variables (site specific questions)
- 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.

IQVIA New Reports

Rhonda Murphy

Upcoming CHSD Reports

*** September 2020 (Released 9/12)**

Case Eligibility for Inclusion in Mortality Analysis

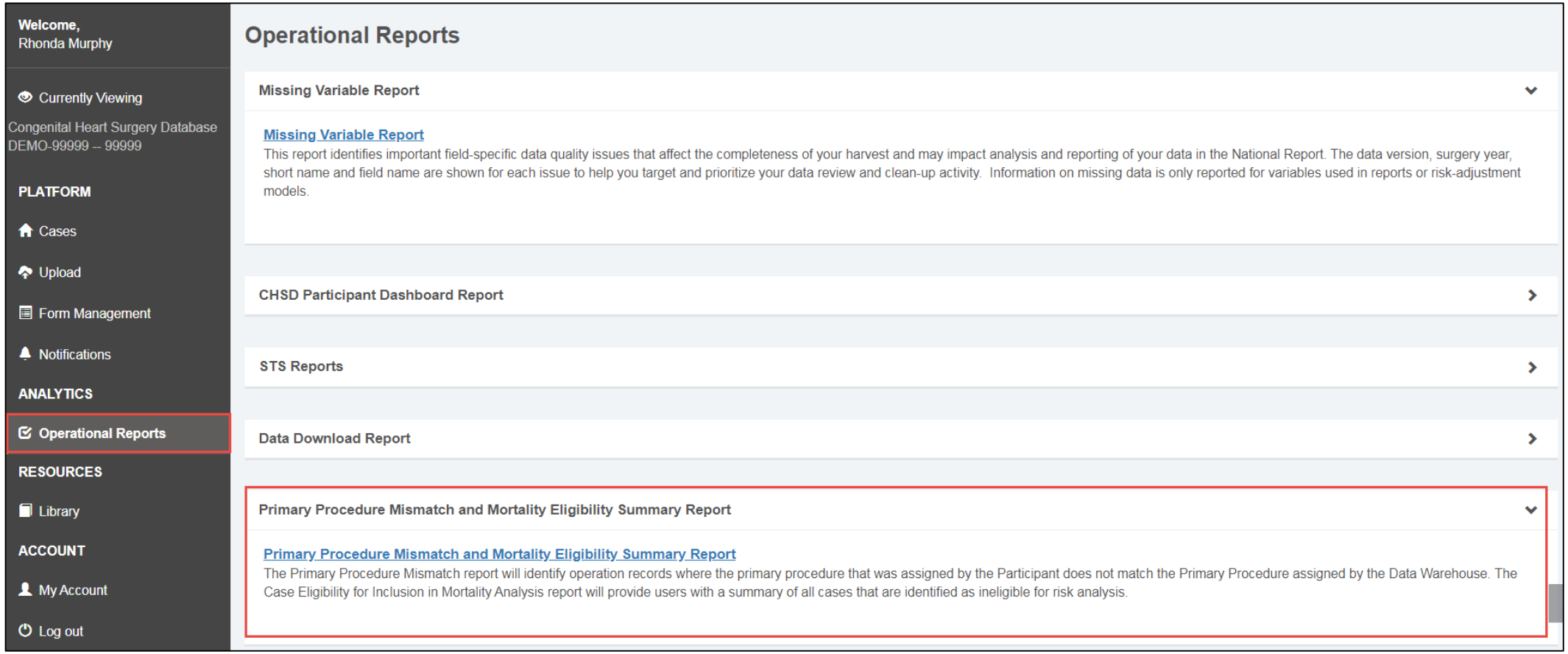
*** September 2020 (Upcoming 9/26)**

Primary Procedure Mismatch Report

Risk Adjusted Dashboard

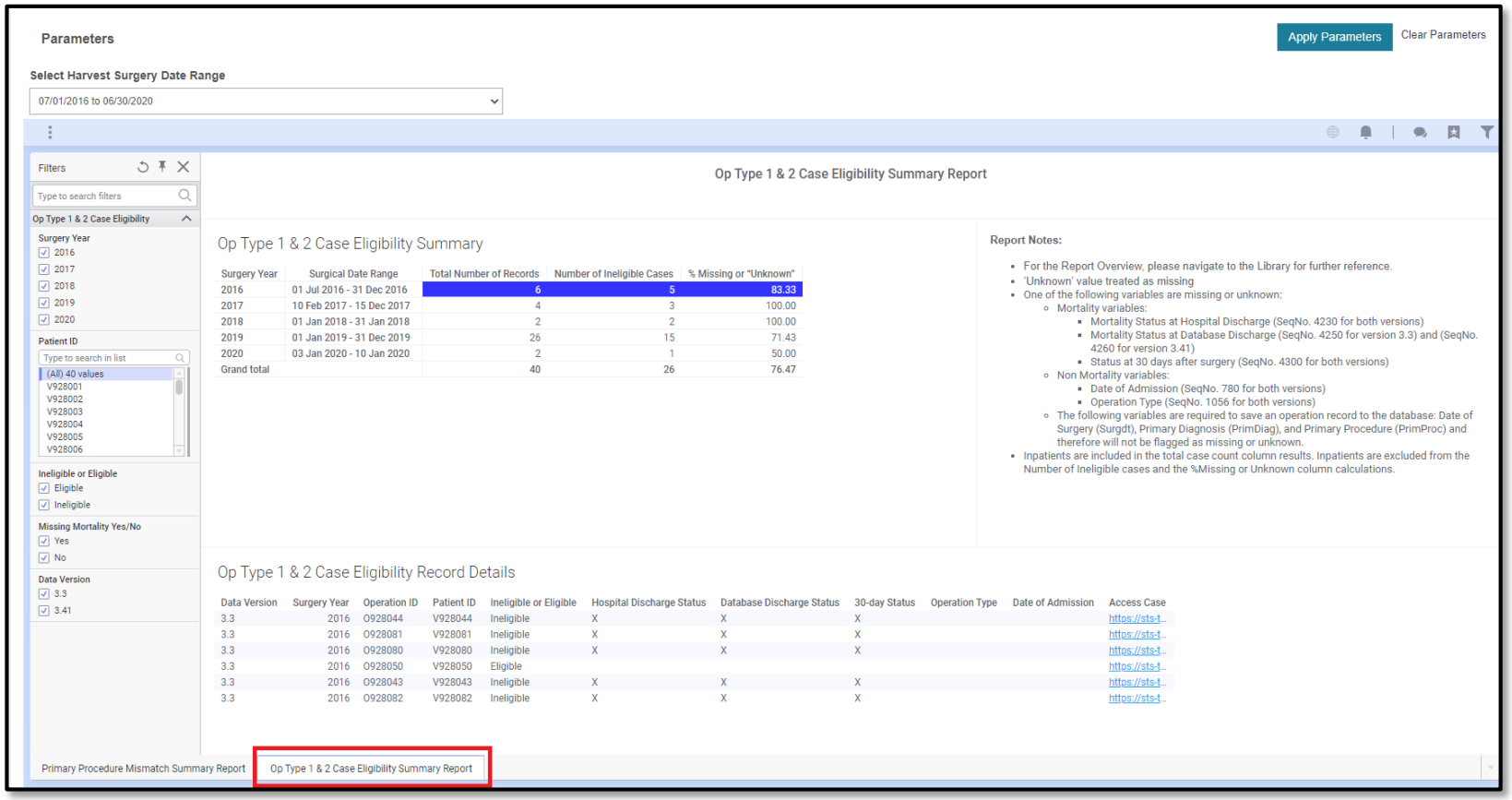
(based on DCRI Risk Adjusted Harvested Data)

Operational Reports – Now Available
Mortality Eligibility Summary



Case Eligibility for Mortality Analysis Report

- Inpatient records are included in the Total Number of Records
- Inpatient records are NOT included in the Number of Ineligible Cases results.
- Inpatient records are NOT included in the %Missing or “Unknown” results.
- Inpatient records are defined with the following criteria:
  - *Mortality Status at Database Discharge = **Unknown or Missing AND** **Database Discharge Date = **Missing**



*Mortality Status at Database Discharge: MtDBDisStat (seq. 4260)
**Date of Database Discharge: DBDischDt (seq. 4250)

CHSD Harvest Checklist Review
Melanie Bent

CHSD Harvest Close Checklist

- ❑Upload procedures for the identified reporting period for the harvest

<u>Steps to Clean Up Your Data</u>

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

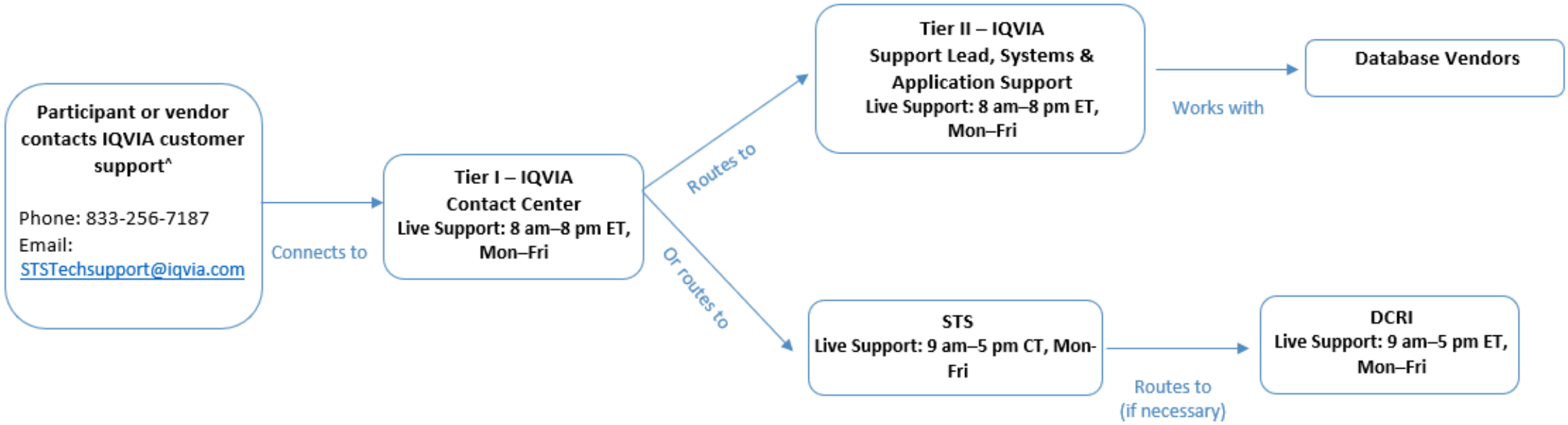
CHSD Harvest Close Checklist

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

STS/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

User Group Call

- September 22 @ 12pm Central

User Group Call

- October 6 @ 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!