



STS National Database™

Trusted. Transformed. Real-Time.



Society of Thoracic Surgeons

**Congenital Heart Surgery Database
Monthly Webinar**

November 18, 2021

CHSD Monthly Webinar

- Welcome and Introductions
- STS Update
- Hot Topics (Chasity Wellnitz, CHSD Consultant)
- IQVIA Update
- User Feedback
 - Include Ticket Number/Case Number



STS Updates

- **2020 Harvest Analysis Update**
 - Risk Adjusted reports released on Monday, October 11th
 - Report Questions should be directed to chsdtechsupport@iqvia.com
- **2021 Harvest Update**
 - Harvest closes on **THURSDAY, December 23 @ 11:59pm ET**
 - Opt out by Tuesday, December 28th
 - Official STS communication will be sent on Monday, 11/22
- **AQO 2021**
 - All content is now available in the STS Learning Center
 - Available until AQO 2022
 - CE/CEU certificates will be processed once a month based on the prior month's completions.
 - This rolling system will continue for three months and end on Saturday, January 15, 2022.



STS Updates

CHSD 2022 Harvest Schedule

CHSD					
Harvest	Close	Opt-Out	Includes procedures performed through	Report Posting	Comments
Spring 2022	March 11	March 15	December 31, 2021	Summer 2022	
Fall 2022	September 16	September 20	June 30, 2022	Winter 2022	



Webinar Discussion Topics

- 2020 Analysis Report
 - 3.41 Procedures/STAT Scores
 - Length of Stay Calculation
- December Harvest
- 2020 STAT Score

Analysis Report:

3.41 Procedures and STAT Scores

3.41 New Procedures and STAT Scores

- 16 new procedures included at upgrade
 - STAT Scores released June 2020
- *Not* included in current analysis report when part of a multicomponent procedure
- Impacted fewer than 0.2% overall procedures
- Will be included in harvest closing Dec '21

3.41 Procedures and STAT Scores

- (3460) Coarctation repair, Descending aorta anastomosed to Ascending aorta
- (3470) Coarctation repair, Extra-anatomic Bypass graft
- (3450) DORV - AVC (AVSD) repair
- (3410) DORV repair, No Ventriculotomy
- (3440) DORV repair, RV-PA conduit
- (3420) DORV repair, Ventriculotomy, Nontransannular patch
- (3430) DORV repair, Ventriculotomy, Transannular patch
- (3330) TOF repair, Ventriculotomy, Transannular patch, plus native valve reconstruction
- (3340) TOF repair, Ventriculotomy, Transannular patch, with monocusp or other surgically fashioned RVOT valve
- (3380) Extended Ventricular Septoplasty (modified Konno, VSD creation and patch enlargement of LVOT, sparing aortic valve) for tunnel type sub aortic stenosis
- (3390) LV Endocardial Fibroelastosis resection
- (550) PA, reconstruction (plasty), Branch, Peripheral (at or beyond the first lobar branch) (Wording change from v3.3)
- (3360) PA, reconstruction (plasty), Branch, Peripheral (at or beyond the first lobar branch, beyond the first segmental branch)
- (3350) PA, reconstruction (plasty), Branch, Peripheral (at or beyond the first lobar branch, proximal to first segmental branch)
- (3370) RV Rehabilitation, Endocardial Resection
- (3400) Double root translocation

3.41 STAT Score Example

Completed procedures:

- (3410) DORV, No ventriculotomy
- (590) Valvuloplasty, pulmonic
- (530) PA, reconstruction (plasty), Main (trunk)

- DORV, No ventriculotomy entered as primary procedure
- Expected: DORV repair to map to DORV, Intraventricular tunnel repair **but...**
- Unexpected: Valvuloplasty, pulmonic analyzed as the primary procedure



Analysis Report:

LOS Calculation

Table 18 & 19 – Median Postop LOS

Old calculation to be reapplied

- STS aggregate and Sites >10:
Return to a calculation of the median of the participant level means
- Participant: True median

Report tables
and calculation
spreadsheet to
update next
week!

FAQ Submission:

End point used
for LOS
calculation

Time between:

OR Exit Date and Time

and

Database discharge date

Correct in the reports, will
update calculation spreadsheet



December Harvest Info

CHSD Harvest

Harvest close:

December 23, 2021

11:59 PM ET

- Surgical Dates: 07/01/17 – 06/30/21
- Opt-out date: 12/28/21

AQO Presentation Update – December 2021 Harvest Implications

- Harvest dates 07/2017 – 06/2021
 - Data version 3.41 implemented Jan 2019
 - Data version 3.3 implemented Jan 2016
- Procedures may change between data versions (deleted, added, modified)

Procedures
must align with
the correct data
version

AQO Presentation Update – December 2021 Harvest Implications

Example: (430) PA – VSD - MAPCA repair

- Procedure code in data version 3.0
- ***Deleted*** in version 3.22 (Jan '16)
- Replaced with more detailed procedures (2700, 2710, 2720) & are still valid in data versions 3.22, 3.3, 3.41

**Nothing to update
in your data**

AQO Presentation Update – December 2021 Harvest Implications

Example: (1800) Pulmonary embolectomy

- Procedure code prior data version 3.0
- ***Deleted*** by version 3.0
- Replaced with more detailed procedures (1802, 1804) & are still valid in data versions 3.0, 3.22, 3.3, 3.41

**Nothing to update
in your data**

Harvest Tips for Success

- Continue to submit and clean up data – do not wait until the final deadline
- Develop an organized approach

Internal Validation

- Vendor specific tools
- Review mortalities
- Missing data

IQVIA Tools

- Mortality eligibility summary
- Primary procedure mismatches
- Validate mortalities
- Missing variable report



2020 STAT Score Implementation

2020 STAT Score Update

- 2020 STAT scores will be applied in the Spring 2022 harvest
- Appendix C will update
- IQVIA Primary Procedure Mismatch Report will update
- Vendors *not required* to update STAT scores between data versions

More to come
regarding 2020
STAT score
implementation



IQVIA Update
Joe Brower

IQVIA November 2021 Updates

Items below will be deployed on the weekend of November 20, 2021:

Risk Adjusted Dashboard Report

STS-7473 – Calculation updates are required for the Postoperative Length Of Stay calculations on Tables 18 & 19

STS-7506/STS-7509 – Calculation updates are required for the Operative Mortality calculations for the Among Sites with $N \geq 10$ Aggregate Rate (%) and the STS Aggregate Rate %

STS-7475 – Anesthesia Report – Calculation updates are required for the Anesthesia All - Total number of CPB/No CPB and the Anesthesia CPB/No CPB reports, they are currently displaying different results

STS-7486 - Anesthesia CPB/No CPB Report- records are being counted twice on the xclamp and dhcatm categories

IQVIA November 2021 Updates

Items below will be deployed on the weekend of November 20, 2021:

Risk Adjusted Dashboard Report Con't

- STS-7498 – The calculation for the Postoperative Length of Stay for the STS Overall and Among Sites with ≥ 10 will be **updated to calculate the median of the means** to align with the results that were previously provided in the historic PDF report.
- STS-7546 – The calculation for the Postoperative Length of Stay for the STS Overall and Among Sites with ≥ 10 for the **range and interquartile range** will be updated to calculate each participant PLOS and then find the min and max values for the results.

IQVIA November 2021 Updates

Items below will be deployed on the weekend of November 20, 2021:

Case Eligibility and Mortality Analysis Report

- STS-7380 - CHSD Case Eligibility Report should display MT30STAT variable as missing when 'Unknown' is selected on the case form.

IQVIA 2021 December 2021 Updates

Items below are currently under review and targeted for release on December 4:

Missing Variable Report

- STS-7552 – The denominator counts displayed on the MVR are not the accurate count of records identified for variable calculations

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.

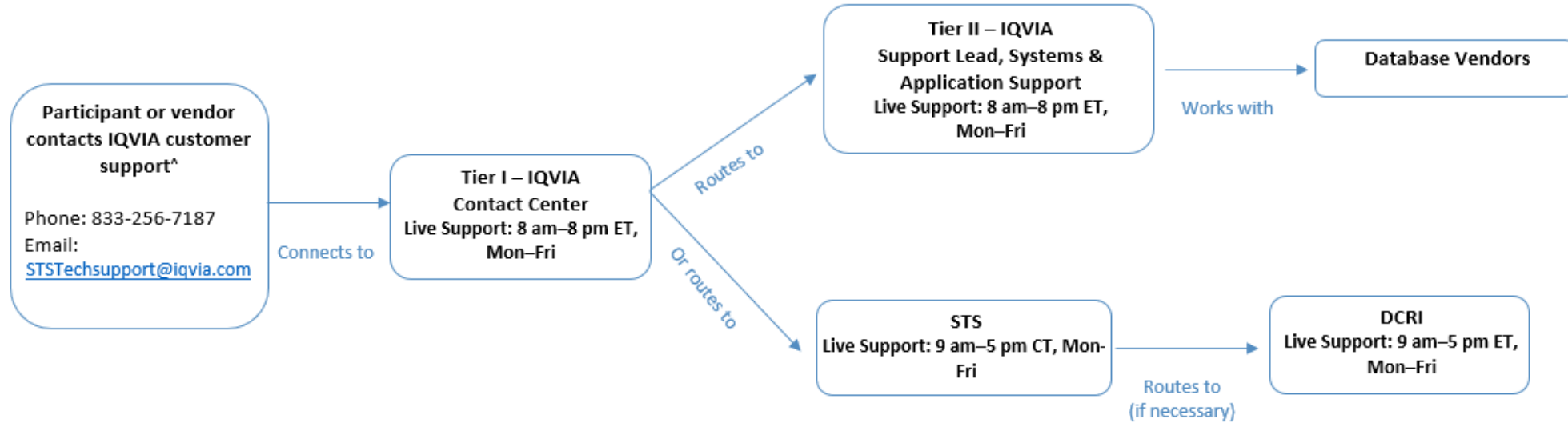
The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section.



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](#)
- chsdttechsupport@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

Upcoming CHSD Webinars

User Group Call

- December 7 @ 12pm CT

Monthly Webinar

- December - cancelled



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!



STS National Database™

Trusted. Transformed. Real-Time.



THANK YOU FOR JOINING!