STS National Database

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Society of Thoracic Surgeons

Congenital Heart Surgery Database
User Group Call

November 2, 2021

CHSD User Group Call

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



STS Updates

2020 Harvest Analysis Update

Risk Adjusted reports released on Monday, October 11th

2021 Harvest Update

- Harvest closes on Friday, December 10 @ 11:59pm ET
- Opt out by Tuesday, December 14th
- Includes procedures up through 6/30/2021
 - Analytic period: 7/1/2017 6/30/2021

AQO 2021

- Access to the virtual platform ended October 29, 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	



3.41 STAT Score Update

3.41 New Procedures and STAT Scores

- 16 new procedures included at upgrade
 - STAT Scores released June 2020
- Not included in current analysis report released October 2021
 - Not handled as expected when done as a single component of a multi-component procedure
- Will be analyzed in the upcoming 2021 analysis

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, Transanular patch, plus native valve reconstruction
- (3340) TOF repair, Ventriculotomy, Transanular 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 chang 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

2020 STAT Score Implementation

- Updated scores will be implemented with the Spring 2022 Analysis
- STAT Update project published in March 2021
- Jacobs ML, Jacobs JP, Thibault D, Hill KD, Anderson BR, Eghtesady P, Karamlou T, Kumar SR, Mayer JE, Mery CM, Nathan M, Overman DM, Pasquali SK, St Louis JD, Shahian D, O'Brien SM. <u>Updating an Empirically Based Tool for Analyzing Congenital Heart Surgery Mortality</u>. World J Pediatr Congenit Heart Surg. 2021 Mar;12(2):246-281. doi: 10.1177/2150135121991528.PMID: 33683997.

Update - Tables 18 & 19 – Median Postop LOS

- Initial Report Release a new calculation was applied
 - True Calculated Median

- Historically calculated as a median of the mean
 - Due to feedback, this calculation will revert back to the median of the mean
 - Done to remove significant 'outliers'
 - STS/IQVIA will provide notification on when this change will reflect in your report (does not require re-analysis from DCRI)

Analysis Report Questions

- Please contact IQVIA Support
 - chsdtechsupport@iqvia.com
- STS/DCRI will be looped in as needed when tickets are elevated to Tier 2





IQVIA 2021 Known Issues

Items below are under review by the IQVIA development team and are identified as priority items to be resolved.

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.

Missing Variable Report

- STS-6892 Identified variable logic will be updated on the MVR report for cases where demographic version is prior to 3.3, currently they are displaying as missing
- STS-7282 Anesthesia Adverse event update to the calculation will be added to the MVR report calculation
- STS-7271 COVID19 variables (TempCode) and (TempDate) and Hematocrit Prior to Circulatory Arrest or Cerebral Perfusion (HCTPriCircA) will be added to the MVR report calculation

IQVIA 2021 Known Issues

Items below are under review by the IQVIA development team and are identified as priority items to be resolved.

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 >=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 Update

Please note: Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.

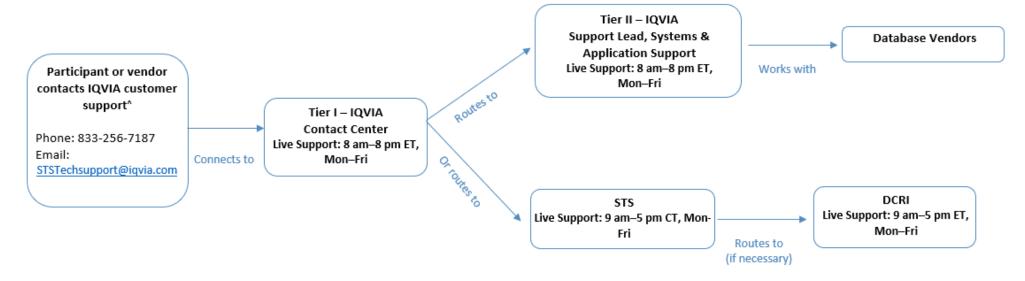
The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section.



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
- <u>chsdtechsupport@IQVIA.com</u> (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

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Database Operational Questions

• STSDB@sts.org

Upcoming CHSD Webinars

Monthly Webinar

November 18 @ 12pm CT

User Group Call

December 7 @ 12pm CT



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!

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THANK YOU FOR JOINING!