



STS National DatabaseTM

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Society of Thoracic Surgeons

**Congenital Heart Surgery Database
User Group Call**

December 7, 2021

CHSD Monthly Webinar

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



STS Updates

- **December Training Manual posted**
- **2021 Harvest Update**
 - Harvest closes on **THURSDAY, December 23 @ 11:59pm ET**
 - Opt out by Tuesday, December 28th
 - Official STS communication sent on Monday, 11/22
- **AQO 2021**
 - Content available in the STS Learning Center until AQO 2022
 - CE/CEU certificates will be processed once a month based on the prior month's completions.
 - This rolling system will continue until **Saturday, January 15, 2022**
- **Covid Update**
 - Any Covid positive patient will continue to be excluded from current analyses (2021 and Spring 2022)
 - Analysis exclusions will cease for any record with a surgery date of January 1, 2022 forward
 - Continue to collect Covid variables until further notice



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	





December Harvest – Brief Refresher

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



3.41 *STAT* Score Update Review

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, 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

New 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. [Updating an Empirically Based Tool for Analyzing Congenital Heart Surgery Mortality](#). World J Pediatr Congenit Heart Surg. 2021 Mar;12(2):246-281. doi: 10.1177/2150135121991528.PMID: 33683997.

The background features a blurred server rack with blue lighting. A white diamond shape is overlaid on the left side, containing the text. Other geometric shapes in shades of blue and yellow are scattered across the bottom and right sides of the image.

IQVIA Update Melanie Bent

IQVIA November 2021 Updates

Full list of items included in the November 20 release are posted to the Notifications section within the platform.

Fixes were deployed for the following reports:

- **Risk Adjusted Dashboard Report**
- **Case Eligibility and Mortality Analysis Report**

IQVIA 2021 December 2021 Updates

The item below was released 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. The CHSD MVR previously displayed duplicate filter options which impacted the denominator counts and did not provide a correct missing percentage. This is now resolved.

IQVIA December Issues Under Review

The below items are currently under review by the IQVIA development team

Missing Variable Report

- **STS-7619** – Critical Summary Report – Discrepancy identified with the total number of records included in the file upload. IQVIA development is actively working on determining the root cause and immediate fix.

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.



Analysis Report Questions

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



Contact Information

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Database Operational
Questions

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Upcoming CHSD Webinars

User Group Call

- January 11 @ 12pm CT

Monthly Webinar

- January 18 @ 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!