Society of Thoracic Surgeons

Congenital Heart Surgery Database Monthly Webinar

February 16, 2021
• Welcome and Introductions
• STS Update
• IQVIA Update
• User Feedback
• **2021 Harvest Schedule Posted on STS website**
  • Spring 2021 Harvest close is TBD
  • Please continue using open submission and cleaning your data
  • STS will give Participants a minimum of two weeks notice prior to harvest close date
  • Includes procedures up through 12/31/2020

• **Primary Procedure Mismatch Report**
  • Important first step – review Report Overview (IQVIA Library) to understand its currently functionality
  • Primary Procedure assignment occurs in analysis at DCRI
  • IQVIA does NOT change your data

• **CHSD Public Reporting**
  • No Public Reporting of the 2020 data
  • New Workgroup being convened to plan the future of STS CHSD public reporting and risk modeling
  • More information coming soon!

• **STS Mentorship Program**
  • Pairs experienced Data Managers with new Data Managers
  • For more information contact Adie Dolan ([adolan@sts.org](mailto:adolan@sts.org))
  • We need both mentors and mentees!!
2021 STS Annual Meeting Highlights

- Thomas B. Ferguson Lecture
  - “Personal Reflections from COVID-19”

- Vivien T. Thomas Lecture
  - “The Long Shadow of Racism and Racial Bias in the Lack of Diversity”
Did you know about The STS Patient Website?

- [https://ctsurgerypatients.org/](https://ctsurgerypatients.org/)
- Offers immediate and easy access to expert multimedia content on cardiothoracic diseases and operations.
- If you interact with patients at your institution, please share this valuable resource.
The Ventricular Septal Defect (VSD) Surgery Page

• Provides detailed information on causes and symptoms, diagnosis and treatment options
• Information on what to expect after surgery
• Downloadable handouts available for patients
• STS patient website contact is Jennifer Bagley (jbagley@sts.org)
The item below were released to production the weekend of February 13, 2021.

**NOTE:** The below update and a list of all of the updated validations were posted to the Notifications section for reference.

**Platform Updates**

**Data Quality Report**

**STS-5555** – Identified CHSD Validations will be updated from an error severity to a critical severity to improve data quality.
The below list of validation checks will now appear as a **critical error** for 3.3 and 3.41 data versions:

- Surgery date cannot be later than current date.
- Date of Birth cannot be later than Surgery Date.
- Date of Birth cannot be later than current date.
- Date of Last Follow-Up cannot be later than current date.
- Admission date cannot be later than current date.
- Admit date cannot be later than Discharge date.
- Admit date cannot be later than Surgery Date.
- Intubation Date/Time cannot be later than current date.
- Initial Extubation Date/Time cannot be later than current date.
- Final Extubation Date/Time cannot be later than current date.
- Date of Database Discharge cannot be later than current date.
- Readmission Date cannot be later than current date.
The below list of validation checks will now appear as a critical error for 3.3 and 3.41 data versions:

- Review Date cannot be later than current date.
- Date and Time of Transport to Procedure Location or Anesthesia Start Time cannot be later than current date.
- Date and Time of Induction cannot be later than current date.
- Date and Time of ICU/PACU Arrival cannot be later than current date.
- OR Entry and Exit times are inconsistent.
- Mortality Date cannot be later than current date.
- Mortality Date cannot be less than Discharge Date.
- Mortality Date cannot be less than Surgery Date.
- Mortality Date cannot be less than Date of Last Follow-up.
- Mortality Date cannot be less than Date of Birth.
Upcoming IQVIA February 2021 Release Update

The item below are targeted to be released to production the weekend of Feb 27, 2021.

Missing Variable Report

STS-5474 – MVR showing "ProCmplxCon3Ds3" as missing in the report even though field is not active on the case form.

CHSD Participant Dashboard Report

STS-5484 – STAT 4 filter is excluding cases assigned to LV Endocardial Fibroelastosis resection(3390) and Double root translocation(3400)
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.
Primary Procedure Mismatch Enhancements

Items below are targeted to be released weekend of February 27th for the Primary Procedure Mismatch Report

Primary Procedure Mismatch Report

STS-4386 – Report logic will be updated to include consideration for identified combination codes for primary procedure

STS-4371 – Add Kawashima procedure to the exception 1 code list for code list for consideration

STS-4387 – Report logic will be updated to consider the Kawashima procedure as the primary when coded in conjunction with a Glenn or Hemifontain procedure so it is never downgraded
Items below are targeted to be released weekend of February 27th for the Primary Procedure Mismatch Report

**Primary Procedure Mismatch Report**

- **STS-4389** – Report logic will be updated to include specific rule for 3 identified VSD repairs when selected in combination with a PFO, Primary closure procedure
- **STS-4388** – Report logic will be updated to include specific “hybrid approach” codes to the exception rule 1 procedure specific factor lists
  - 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)

**Primary Procedure Mismatch Report Defect**

- **STS-5471** – report displaying mismatch between TOF repair, No ventriculotomy (350) and RVOT procedure (510), this will be resolved with the report enhancements.
IQVIA 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
Upcoming CHSD Webinars

User Group Call
- February 23 @ 12pm CT

User Group Call
- March 9 @ 12pm CT

Monthly Webinar
- March 16 @ 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!
THANK YOU FOR JOINING!