

Society of Thoracic Surgeons

Congenital Heart Surgery Database User Group Call

July 10, 2020



STS National Database™
Trusted. Transformed. Real-Time.

Agenda

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



Housekeeping

July Training Manual

Updated Appendix C

Harvest Update



STS Updates

- Updated STAT Scores Available for 9 procedures
 - Updated STAT Score Table (Appendix C) has been posted out on the STS Website
 - Email notification was sent to Data Managers on 6/30.

	Procedure	STAT Mortality Score	STAT Mortality Category
3470	Coarctation repair, Extra-anatomic Bypass Graft	0.8	3
3460	Coarctation repair, Descending aorta anastomosed to ascending aorta	0.8	3
3350	PA reconstruction branch, peripheral, at or beyond the 1st lobar branch, proximal to first segmental branch	1.2	3
3380	Extended ventricular septoplasty (modified Konno, VSD creation and patch enlargement of LVOT, sparing aortic valve) for tunnel type sub aortic stenosis	1.2	3
3370	RV Rehabilitation, Endocardial resection	1.3	4
3360	PA reconstruction branch, peripheral, (at or beyond 1st lobar branch, beyond first segmental branch	1.4	4
3450	DORV-AVC (AVSD) repair	1.7	4
3390	LV Endocardial Fibroelastosis resection	1.9	4
3400	Double root translocation	2.6	4

IQVIA Update

Melanie Bent



July 2020 – Upcoming Release Update



We are requesting users to reload their data to update their records due to the following defects which will be corrected **Jul 11**

- STS-3370 - CHSD - 3.3 & 3.41 versions - HIDE/CLEAR functionality is hiding parent data variable which impacted Surgeon Name and Surgeon NPI
 - STS-3251 – Missing Variable Report – Surgeon NPI showing missing
- STS-3382 – CHSD Calculation validations should not auto-calculate on uploaded records – impacted 3 fields for both form versions
 - Agedays
 - Mtddbdisstat
 - hospdischdt



July 2020 – Upcoming Release Update

- STS-3220/STS-3297 – Site does not collect Anesthesia receiving errors on the DQR, related to 3.3 (Fixed – released in 1.17 Jul 11)



Issues Under Review

- STS-3258 – Value of data element “antifibtranexinfrate” is not accepted due to value in .dat file – impacting decimal values
 - Similar report STS-3249 (Fix targeted)
- STS-3131 Index Operation Incorrect Assignment on Crossover Patients
- STS-3356 – CHSD Missing Variable Report displaying MT365STAT variable incorrectly – 1 year logic should be applied
- STS-3225 – CHSD Missing Variable Report displaying Autologous Transfusion
- STS-3200 – CHSD Missing Variable Report displaying ICUPUNIQUEID variable



Reported Issues

Individual Site Reported

- STS-3255 – MtHospDisStat and MtDBDisStat is showing as missing, values were entered in source system (Individual site issue - Resolved)
- STS-3244 – CHSD file upload failed (Individual site issue – Resolved)
- STS-3239 – Case dropping when uploaded due to critical error (Individual site issue – Resolved)



CHSD Future Reports



Case Eligibility for Inclusion in Mortality Analysis



Primary Procedure Determination/Assignment



Risk Adjusted Dashboard

(based on DCRI Risk Adjusted Harvested Data)



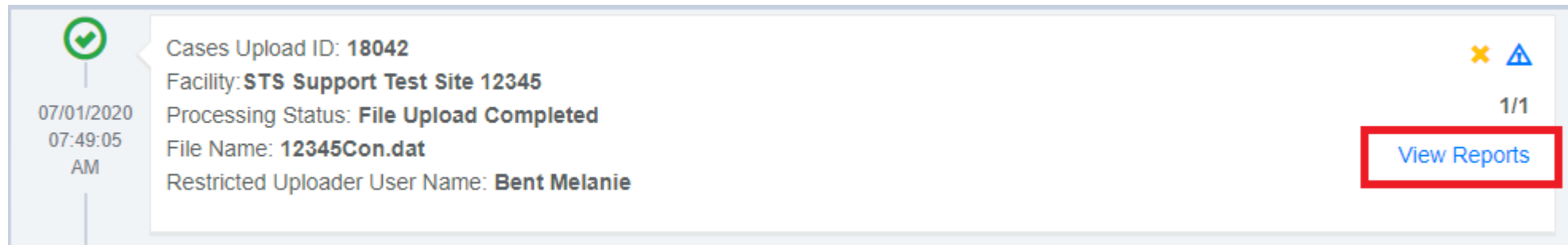


Update DQR Critical Summary Report



DQR Critical Summary Report

- Access the Critical Summary Report from any existing Data Quality Report
- From the Uploader Card entry, select the View Reports Link



The screenshot displays an 'Uploader Card' with a green checkmark icon on the left. The card contains the following information: 'Cases Upload ID: 18042', 'Facility: STS Support Test Site 12345', 'Processing Status: File Upload Completed', 'File Name: 12345Con.dat', and 'Restricted Uploader User Name: Bent Melanie'. On the right side, there are icons for a yellow 'x' and a blue triangle, along with the text '1/1'. A red rectangular box highlights the 'View Reports' link in the bottom right corner.

07/01/2020
07:49:05
AM

Cases Upload ID: 18042
Facility: STS Support Test Site 12345
Processing Status: File Upload Completed
File Name: 12345Con.dat
Restricted Uploader User Name: Bent Melanie

1/1
[View Reports](#)

- Once the DQR opens, the new critical summary report tab will be available on the lower left corner

Critical Summary Report Tab Access

Data Quality Report

File Edit Visualizations View Tools User

Filters

Type to search filters

File Uploader

OPTYPE

- ☒ Critical Errors
- ☒ Operation Type 1 and 2

DUPLICATE

- ☒ Duplicate
- ☒ Non-Duplicate

Data Quality Report

File Based Issue

VALIDATION ALERT	MESSAGE
Passed	File Upload Completed

Validation Alert Summary

● Error
● warning

warning (99.6%)

Alerts by Uploaded Records

Record ID	Source Patient ID	Error	warning
0	No Patient ID Available	-	479
1	V606632	2	1

Records Level Validation

Validation Status	Error Type	Operation ID	Short Name	Message	Source Patient ID	Access Case
Error	ValidationErrors occurred during rcsave	V609547	icupharm	error : QCH070 If not None, select all medications that ...	V606632	https://sts.irp.iqvia
Error	ValidationErrors occurred during rcsave	V609547	preopmedcat	error : QCH068 If not None, select all pre-operative me...	V606632	https://sts.irp.iqvia
warning	Warning/Error occurred while rcsave	V609547		<2355148> <12345,V609547> is a duplicate o...	V606632	https://sts.irp.iqvia
warning	ValidationErrors occurred during rcsave	V609844	recordId	Record V609844 has not changed. No updates made.	No Patient ID Available	
warning	ValidationErrors occurred during rcsave	V609843	recordId	Record V609843 has not changed. No updates made.	No Patient ID Available	

Data Quality Report Critical Summary

Critical Summary Report View

Data Quality Report

File Edit Visualizations View Tools User

Submission Data Filters:

From Date: (MM/DD/YYYY)

01/01/2020

To Date: (MM/DD/YYYY)

05/01/2020

Run Report

File Status:

- ☒ Failed
☒ Passed

Critical Summary

Submission Summary

Submission Date	Upload ID	First Surgery Date	Last Surgery Date	File Status	Total Records	Number of Successful Records	Number of Failed Records	Number of Records Not Changed	Data Quality Report
04/22/2020 04:58:56 PM	13160	01/15/2017	02/15/2017	Passed	3	3	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/22/2020 04:54:18 PM	13159	07/15/2017	10/15/2017	Passed	3	2	1	0	https://sts-perf2.irp.iqvia.com/pl...
04/22/2020 04:53:33 PM	13158			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/10/2020 10:21:33 AM	12700	01/06/2020	03/06/2020	Passed	14	14	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/10/2020 09:02:38 AM	12698			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 04:17:43 AM	12545	07/15/2017	10/15/2017	Passed	3	2	1	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 04:05:31 AM	12544			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 04:01:44 AM	12543	07/15/2017	10/15/2017	Passed	3	0	3	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 04:00:28 AM	12542			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:45:58 AM	12541	10/15/2017	10/15/2017	Passed	2	2	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:31:48 AM	12540			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:10:48 AM	12538			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:08:58 AM	12537			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:05:50 AM	12536	07/15/2017	10/15/2017	Passed	3	0	3	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 03:04:37 AM	12535			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...
04/04/2020 02:38:22 AM	12532			Failed	0	0	0	0	https://sts-perf2.irp.iqvia.com/pl...

Critical Messages

Submission Date	Upload ID	Validation Status	Record ID	Short Name	MESSAGE	Source Patient ID
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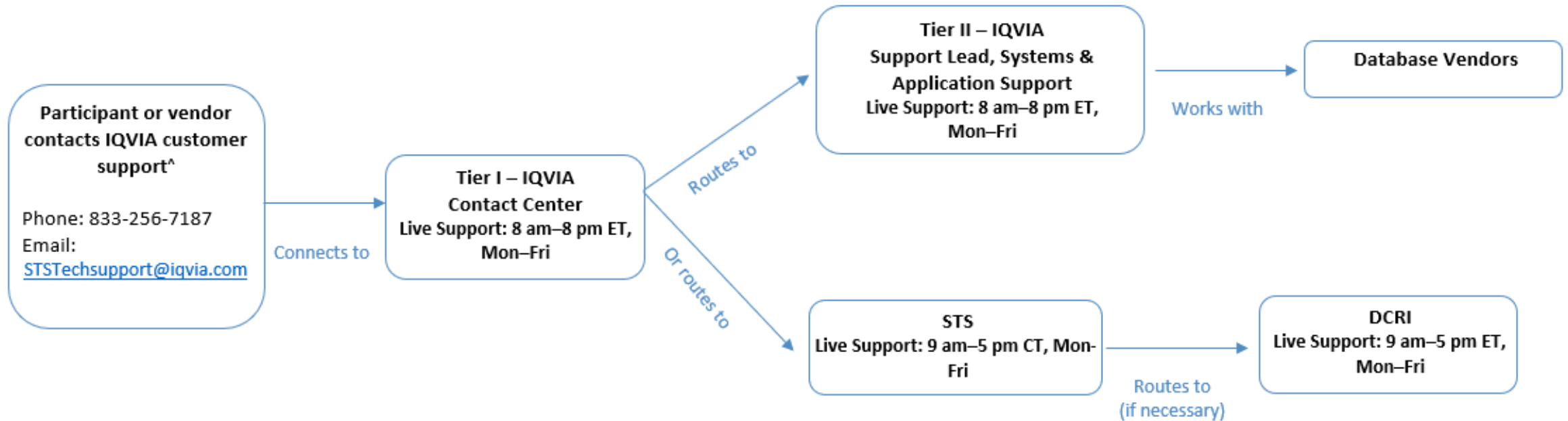
IQVIA Demo



STS/IQVIA Support Plan



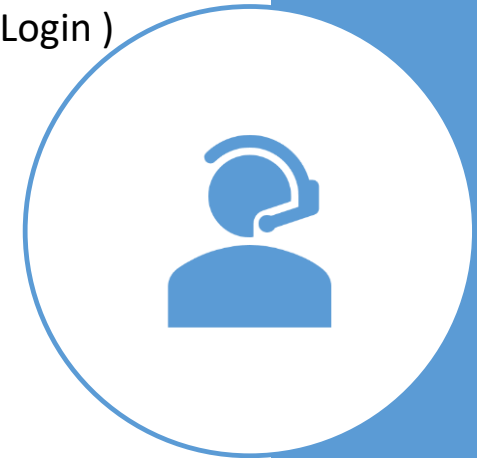
IQVIA's Support Plan



^ 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*
 - ljones@sts.org



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

Monthly Webinar

- July 17 @ 12:00pm Central

User Group Call

- July 24 @11:00am 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!