

Society of Thoracic Surgeons

Congenital Heart Surgery Database User Group Call

July 24, 2020



STS National Database™
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Agenda

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



Housekeeping

July Training Manual

Appendix C updates – yes, again!

Harvest Update



STS Updates

- Updated STAT Scores Available for 9 procedures
 - 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

STS Updates

- Now available - STAT Scores for TOF, Repair and DORV, Repair procedures

	Procedure	STAT Mortality Score	STAT Mortality Category
370	TOF repair, Ventriculotomy, Transannular patch	0.5	2
3330	TOF repair, Ventriculotomy, Transannular patch, plus native valve reconstruction	0.5	2
3340	3340= TOF repair, Ventriculotomy, Transannular patch, with monocusp or other surgically fashioned RVOT valve	0.5	2
1180	DORV, Intraventricular tunnel repair	1.4	4
3410	DORV repair, No Ventriculotomy	1.4	4
3420	DORV repair, Ventriculotomy, Nontransannular patch	1.4	4
3430	DORV repair, Ventriculotomy, Transannular patch	1.4	4
3440	DORV repair, RV-PA conduit	1.4	4

IQVIA Update

Melanie Bent



August 2020 – Upcoming Release Update

Items below targeted for next release update weekend of August 1

Uploader/DQR

- STS-3249 – Uploader triggering critical error on the AntifibrinexInfRatedata variable if decimal values are uploaded for this field
- STS-3371 – Uploader triggering critical error on NCAAOthSp/chrombothsp/syndromeothsp version 3.3 variables indicating fields exceeded 100 character limit
- STS-3528 – VendorID field limit increased to accept 25 characters

Missing Variable Report

- STS-3251 – Missing Variable listing surgeon NPI as missing (**reopened**)
- STS-3200 – Missing Variable Report displaying missing results for ICUPUNQUIEID, should not be included
- STS-3344 – Missing Variable Report is displaying missing results ProcoaFactorVII3MCG when parent value is not set
- STS-3505 – Missing Variable Report is displaying missing results for ProcagDesmo3MCG when parent value is not set



Issues Under Review

- 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-3501 – CHSD Dashboard – update logic to exclude cases in the missing percent calculation if the patient still in hospital variable is set to Yes
- STS-3389 – CHSD Chromosomal Abnormality – Other –Specify is missing, updated logic required to validate on demodataversion
- STS-3527 – Uploader showing critical errors (not impacting all sites)

CHSD Enhancements – August 2020

The following enhancements will be applied the weekend of Aug 1

Missing Variable Report Updates

- STS-3134 – Update the Missing Variable Report mortality filter to include additional data variables
 - AdmitDt
 - OpType
 - Please note the below variables are required at the time of saving a record to the database, therefore they will not appear on the MVR since they will require data.
 - Primary Diagnosis
 - Primary Procedure
 - Date of Surgery
- STS-3135 – Update the Missing Variable Report to allow users to filter cases by Index Operations



CHSD Future Reports



Case Eligibility for Inclusion in Mortality Analysis



Primary Procedure Determination/Assignment



Risk Adjusted Dashboard

(based on DCRI Risk Adjusted Harvested Data)



IQVIA Common Questions

There are items missing from the current dashboard, when will those items be added?

- STS and IQVIA are continuing to review priority and release timing for enhancements for existing reports. As updates are made to the platform, we will continue to update the CHSD user community.
- The Missing Variable Report is displaying a field as missing but I verified it was entered in my software vendor application. Why is it missing?
 - The common issue that occurs in these instances is the submitted dat file did not include the value even though it displayed within the software vendor system.
 - An example - premature birth was selected for the patient in the software vendor system but the .dat file did not include the response. In this instance the user would have to contact their vendor for assistance.

Form fields and options:

- Yes No Refused
- DOB: MM DD YYYY
- Birth Weight Known: Yes No
- Sex at Birth: Male Female Ambiguous
- Premature Birth: Yes No Unknown

AI	AJ	AK	AL	AM	AN	AO	AP
BirthW	Gender	Premature	GestAg	GestAg	DOB	RaceCa	RaceBl
	1						



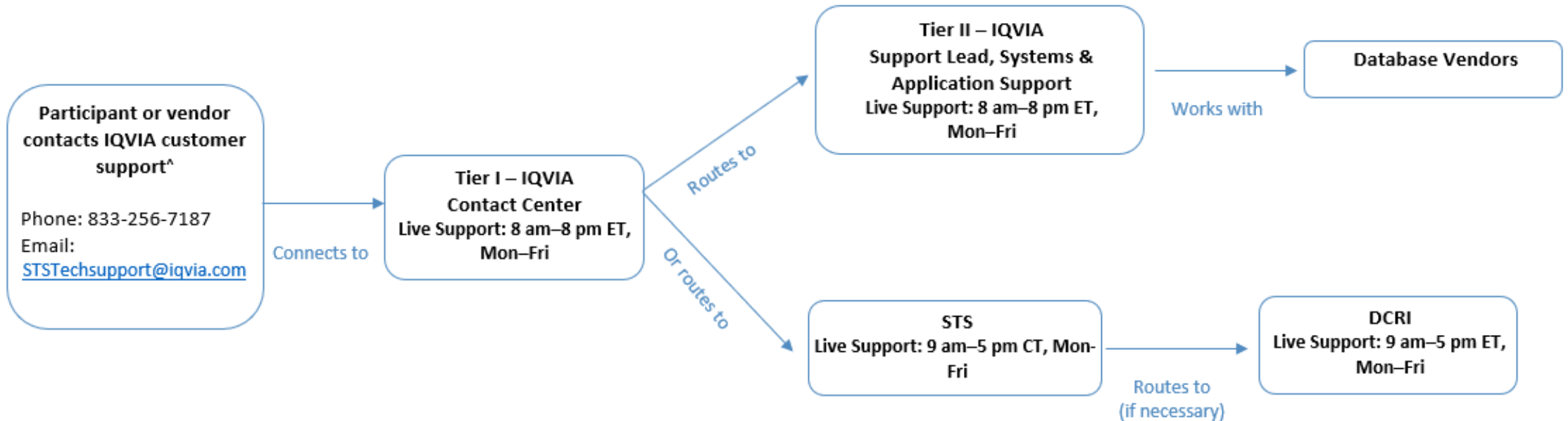
IQVIA Demo



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*



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

User Group Call

- July 31 @ 11:00am Central

Monthly Webinar

- August 21 @ 12:00 pm 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!