

# Society of Thoracic Surgeons

## Congenital Heart Surgery Database

June 23, 2020



**STS National Database**<sup>™</sup>  
Trusted. Transformed. Real-Time.

# Agenda

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



# WE DID IT!!!

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- THE CHSD PLATFORM HAS BEEN RELEASED TO THE CHSD COMMUNITY!!!!
- A special thank you to the Beta Testers for your commitment and countless hours of testing!
- Thank you to the CHSD Community for your patience!



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# Housekeeping

June Training Manual

STS Mentorship Program



# AQO Update

Emily Conrad,  
Sr. Coordinator, STS National Database



# AQO 2020: Virtual

- **Tentative Topics**
  - STAT Update
  - Harvard Project Update
  - Risk Model
  - Validating your data prior to submission
  - Audit – focus on high missingness areas, common findings, key mistakes, how to improve, lessons learned
  - Quality Improvement
  - Anesthesia
  - Op-Type discussion
  - Complications
  - Pre-Op Factors
  - What Data Manager’s Want to Know (Q&A panel discussion/Open Forum)
  - Updates on New Database Platform
    - What we have and What is coming
- **Registration dates, pricing, and abstract submission – TBD**
  - Information will be sent as soon as it becomes available
  - Check the website and STS for updates

- Tuesday, September 29 – Intermacs/Pedimacs
- Wednesday, September 30 – General Thoracic
- Thursday, October 1 – Adult Cardiac
- Friday, October 2 – Congenital

## Advances in Quality & Outcomes: A Data Managers Meeting



ADVANCES IN QUALITY & OUTCOMES:  
A Data Managers Meeting  
September 29 – October 2, 2020 ■ VIRTUAL



September 29, 2020 - October 2, 2020







# AQO 2021 DENVER!



# STS Updates

- Updated STAT Scores Available for 9 procedures
  - Updated STAT Score Table (Appendix C) to be posted out on the STS Website
  - Email notification will be sent to Data Managers when posted

	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

# Direct Data Entry (Web UI)

- Coming Soon for CHSD!
- Email [STSDB@sts.org](mailto:STSDB@sts.org)



# IQVIA Update

Melanie Bent



# Thank YOU! CHSD Beta Team

- Provided workflow guidance
- Provided feedback which led to report creation and improvements
- Diligent and committed to looking at every aspect of the system
- Brought the Data Manager perspective to the table (face to face and conference calls)



# CHSD Upload Success!

- STS/IQVIA successfully launched the CHSD registry platform June 15<sup>th</sup> and users started actively accessing June 16<sup>th</sup>
- CHSD users uploaded and as of June 19<sup>th</sup> has processed a TOTAL of 95K records!





# CHSD Reported Issues

- The development team is reviewing the following reported items:
  - STS-3258 – Value of data element “antifibrinolyticrate” is not accepted due to invalid value in .dat
    - Similar report STS-3249
  - STS-3255 – MtHospDisStat and MtDBDisStat is showing as missing, values were entered in source system
  - STS-3251 – Missing Variable Report – Surgeon NPI showing missing
  - STS-3244 – CHSD file upload failed
  - STS-3239 – Case dropping when uploaded due to critical error
  - STS-3225 - Autologous Transfusion is showing on the Missing Variable Report
  - STS-3220 – Site does not collect Anesthesia receiving errors
  - STS-3200 - ICUPUNIQUEID reflected in Missing Variable Report, should not display



# CHSD Future Reports



Case Eligibility for Inclusion in Mortality Analysis



Primary Procedure Determination/Assignment



Risk Adjusted Dashboard

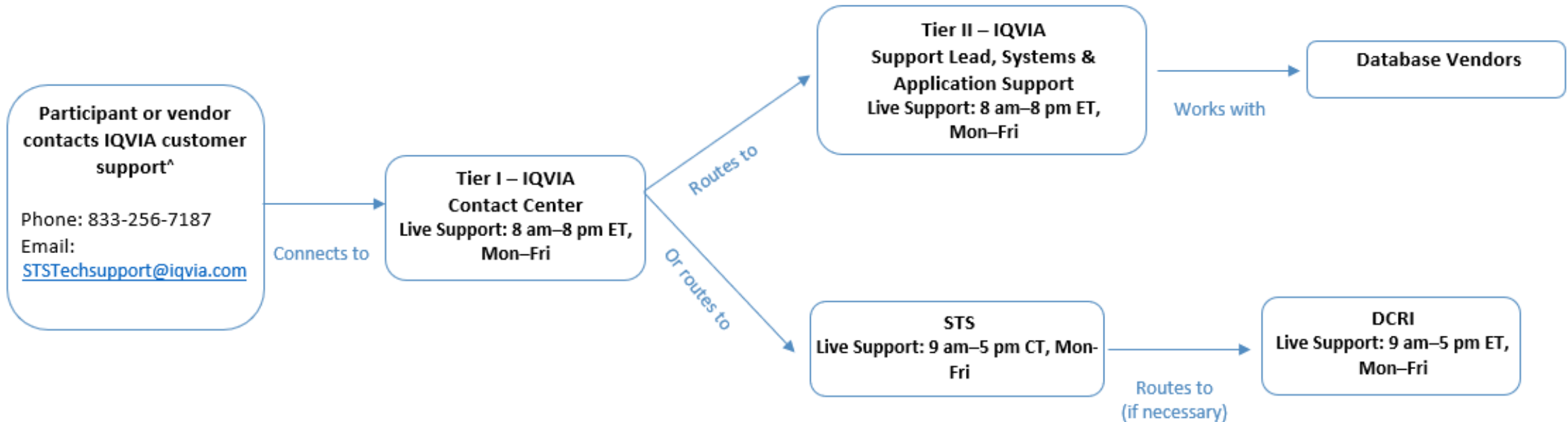
(based on DCRI Risk Adjusted Harvested Data)



# STS/IQVIA Support Plan



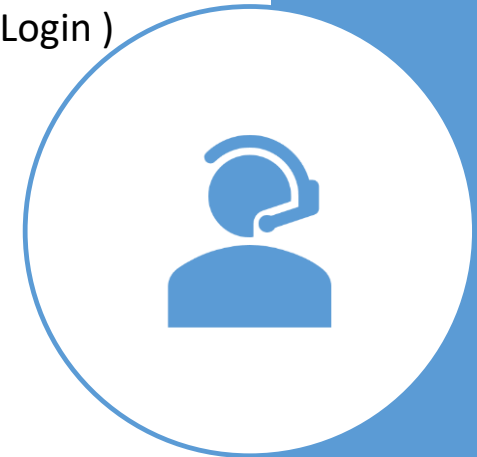
# IQVIA's Support Plan



^ 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](mailto: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](mailto:ljones@sts.org)





# Contact Information

- Leigh Ann Jones, STS National Database Manager, Congenital and General Thoracic
  - [Ljones@sts.org](mailto:Ljones@sts.org)
  - 312-202-5822
- Database Operational Questions
  - [STSDB@sts.org](mailto:STSDB@sts.org)



# Next CHSD Webinars

## User Group Call

- June 26 @ 11amCT

## Monthly Webinar

- July 17 @ 12pmCT



# 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!