

# Society of Thoracic Surgeons

## ACSD Monthly Webinar

December 4, 2019



# Agenda

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- Welcome and Introductions
- House Keeping
- IQVIA update
- Resources
- Q&A



# Housekeeping



V4.20 Data Collection Form Update



AQO Post-meeting News



December Training Manual



# IQVIA UPDATE

- + Continuous development activities leading up to the STS January launch

- + **Key Development Areas**

  - + **Adult Cardiac Data Migration**

    - + Two versions of historical data will be migrated to the new data warehouse

    - + v2.9; v2.81



# IQVIA UPDATE

## + Uploader Functionality

- + Will have the ability to upload files within the IQVIA platform
- + Will have the ability to view data “edits & checks” details in Data Quality Report (real-time)
- + Will have the ability to export available data via IQVIA DQR report



# IQVIA UPDATE

## + Reports Development

- + Data Quality Report (DQR)
- + Missing Variable Report (MVR)
- + ACSD Participant Dashboard Report

## + User Acceptance Testing

- Completed 2 successful iterations of User Acceptance Testing



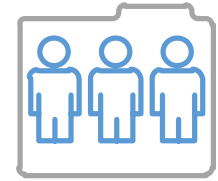
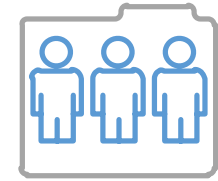
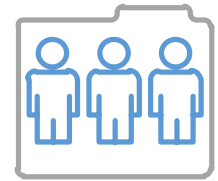
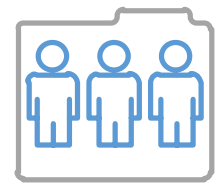
# IQVIA UPDATE

## + Upcoming Training Opportunities

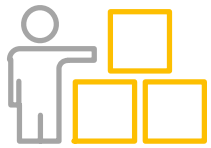
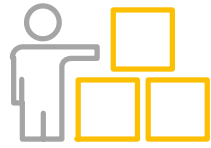
- + How To Videos will be posted to the STS website for the following topics
  - + General IQVIA Overview
  - + Uploader Functionality
  - + Data Quality Report (DQR)
    - + Will have Error Guide posted within IQVIA platform library
  - + Missing Variable Report (MVR)
  - + ACSD Participant Dashboard Report



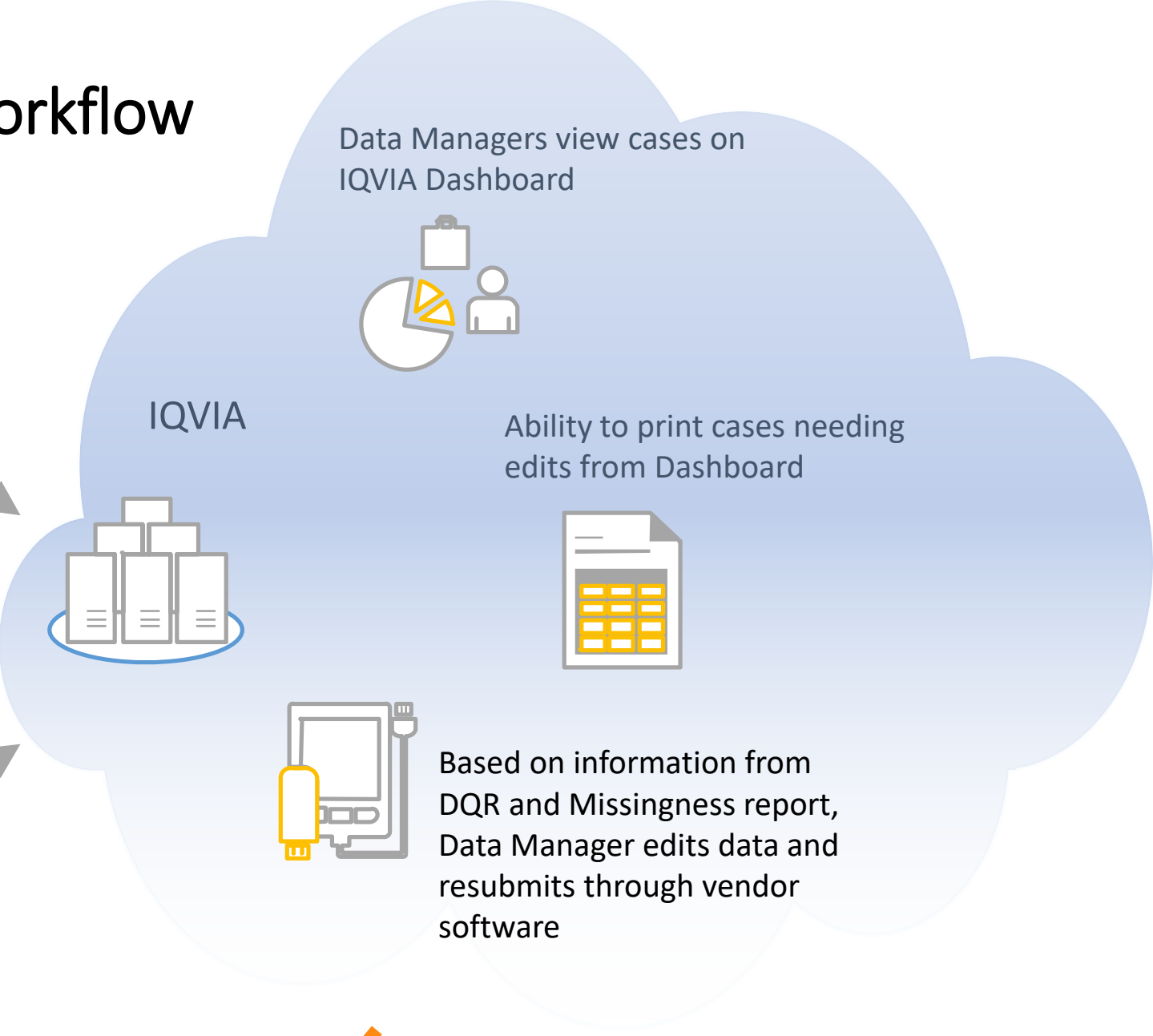
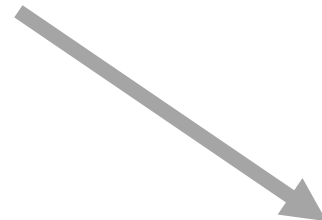
# Understanding the new DM workflow



Participants /  
Hospitals



Vendor  
Software





# STS Database Login Screen



**The Society  
of Thoracic  
Surgeons**

Sign in to your account

Username

Password

[Forgot password?](#)

[Need help?](#)



Welcome,  
Melanie Bent

👁️ Currently Viewing

Adult Cardiac Surgery Database  
STS Adult – 12345

**PLATFORM**

📁 Upload

🔔 Notifications

**ANALYTICS**

📄 Operational Reports

**RESOURCES**

📖 Library

**Notifications**

> 10/31/2019 Welcome to the STS User Acceptance Testing


> 10/31/2019 October 2019 FAQ Summary Posted

▼ 10/31/2019 Welcome to the Next Generation National Database

In early 2020, a major transformation will take place to the STS National Database and three of its component databases—the ACSD, the GTSD, and the CHSD.





Welcome,  
Melanie Bent

 Currently Viewing


Adult Cardiac Surgery Database  
STS Adult – 12345

**PLATFORM**

 Upload

 Notifications

**ANALYTICS**

 Operational Reports

**RESOURCES**

 Library

## Library

[ACSD Data Collection Resource Page](#)

[ACSD October 2019 Training Manual](#)

STS\_TEST

Unavailable

Uploader Form with all Field Types - First Form

### Upload Instructions

Below are the instructions to upload:-

- Choose/drag a valid file
- Click on Upload
- Wait for upload completion
- Access Database and verify data uploaded
- Access reports and verify and the data



Upload File



Check Mapping



Format Review



Validate File



Drag and Drop File Here to Upload

-or-

Choose File from Computer

(Max File Size: 50 MB)





Upload File



Check Mapping



Format Review



Validate File

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### File Structure Errors

Your file is not formatted properly and will not continue processing. Review the feedback below for more information.

#### Message

This registry only accepts dat files.

Review Complete

## Upload History Report

Sort by:

Date of Upload Descending

Status

All

Date of Upload

to

Reset

Filter



12/03/2019  
02:08:53  
PM

Upload ID: 21

Facility: **STS Test Registry 10001**

Processing Status: **Registry-Check-Failure**

File Name: **acsd\_deidentified\_2\_9.csv**

Uploader Username: **McKilligan, Geoffrey**

0/0

[View Reports](#)



11/26/2019  
08:58:50  
AM

Upload ID: 3

Facility: **STS Test Registry 10001**

Processing Status: **File Upload Completed**

File Name: **ACSD\_2\_9\_No\_Errors.dat**

Uploader Username: **McKilligan, Geoffrey**

1/1

[View Reports](#)



11/26/2019  
08:46:10  
AM

Upload ID: 1

Facility: **STS Test Registry 10001**

Processing Status: **File Upload Completed**

File Name: **ACSD\_2\_9\_DQR\_All\_Errors.dat**

Uploader Username: **McKilligan, Geoffrey**



2/3

[View Reports](#)





# Sample ACSD Participant Dashboard Report

Export to PDF

My Site: 0.97, 0.98  
Like Group: 0.35, 0.65, 1  
STS: 0.1

- Is Race Documented? » No
- Is Race Documented? » Yes
- Is Race Documented? » Patient Declined

My Site: 0.31, 0.68, 0.99  
Like Group: 0.15, 0.85, 1  
STS: 0.01

- GENDER » Male
- GENDER » Female

My Site: 0.83, 0.96  
Like Group: 0.9, 1  
STS: 0.5, 0.2, 0.88

- RACE » American Indian / Alas...
- RACE » White
- RACE » Asian
- RACE » Black or African Ameri...
- RACE » Native Hawaiian or OT...
- RACE » Not Reported
- RACE » Other

**Procedures:**

Type to search in list

(All)

Isolated Coronary Artery Bypass (CAB)

Mitral Valve Replacement + CAB (MV Replace ...)

**Select Report:**

- Admin/Demographics
- Hospitalization
- Risk Factors
- Previous Cardiac Interventions
- Preoperative Cardiac Status
- Preoperative Medications
- Hemodynamic/Cath/Echo
- Operative
- Coronary Bypass
- Valve Surgery
- Mechanical Cardiac Assist Devices
- Ventricular Assist Devices
- Atrial Fibrillation Procedures
- Aorta and Aortic Root Procedures
- Congenital Defect Repair
- Other Cardiac Procedures
- Other Non-Cardiac Procedures
- Post-Operative
- Post-Operative Events
- Discharge/Mortality
- Readmission

Admin/Demographics	GENDER		My Site	Like Group	STS
	Male		0.68	0.85	0.01
	Female		0.31	0.15	0.00
	HISPANIC	No	0.89	0.88	0.48
		Yes	0.08	0.09	0.04
		Not Documented	0.02	0.01	0.07
	Is Race Documented?	No	0.01	0.65	0.03
		Yes	0.97	0.35	0.00
		Patient Declined	0	0	0.07
	Pt in Clinical Trial?	No	0.97	0.15	0.31
		Yes	0.01	0.85	0.97
	RACE	American Indian / Alaska Native	0	0.01	0.10
		White	0.83	0.9	0.02
		Asian	0.03	0.02	0.01
		Black or African American	0.07	0.07	0.20
		Native Hawaiian or Other Pacific Islander	0	0	0.03
		Not Reported	0	0	0.50
		Other	0.03	0	0.02

Patient ID	Access Case	Time Period	Variable	Report Name	Facility
10000	<a href="#">www.stspatienturl</a>	1/1/2016	Pt in Clinical Trial?	Admin/Demographics	My Site
10001	<a href="#">www.stspatienturl</a>	1/2/2016	Pt in Clinical Trial?	Admin/Demographics	All Sites
10002	<a href="#">www.stspatienturl</a>	1/11/2017	GENDER	Admin/Demographics	My Site
10003	<a href="#">www.stspatienturl</a>	1/12/2017	GENDER	Admin/Demographics	All Sites
10004	<a href="#">www.stspatienturl</a>	1/13/2017	Is Race Documented?	Admin/Demographics	My Site
10005	<a href="#">www.stspatienturl</a>	1/14/2017	Is Race Documented?	Admin/Demographics	All Sites
10006	<a href="#">www.stspatienturl</a>	1/15/2017	Is Race Documented?	Admin/Demographics	My Site
10007	<a href="#">www.stspatienturl</a>	1/16/2017	RACE	Admin/Demographics	All Sites





# UAT UPDATE

- + Completed 2 successful iterations of User Acceptance Testing
- + UAT 2 Summary
  - + Total of 11 Data Managers and several staff members
  - + Process was smooth but there were some reports of issues related to login and viewing the report but seems to have been unique issues
- + UAT allowed users to experience:
  - + Access the IQVIA platform and walk thru the steps
  - + Upload files
  - + Review the Data Quality Report



# ACSD 2020 Harvest Schedule

	Harvest Submission Window Start	Harvest Window End	Reporting Period (Includes procedure performed within this date range)	Star	Opt out	Report Posting
1	1/1/2020	2/14/2020	1/1/2017 -12/31/2019	X	2/18/2020	End of April 2020
2	Continuous	5/22/2020	1/1/2018 – 3/31/2020		5/26/2020	End of July 2020
3	Continuous	8/21/2020	1/1/18 – 6/30/2020	X	8/25/2020	End of October 2020
4	Continuous	11/20/2020	1/1/2018 – 9/30/2020		11/24/2020	End of January 2021



# Get the Information You Need

- Information will be sent out to your sites from email address that your site might be blocking
  - [STSTechsupport@iqvia.com](mailto:STSTechsupport@iqvia.com) (*coming soon!*)
  - [STSDDB@sts.org](mailto:STSDDB@sts.org)
  - [STSHHeadquarters@sts.org](mailto:STSHHeadquarters@sts.org)
  - Click Dimensions – [mail.clickdimensions.com](mailto:mail.clickdimensions.com)



# Resources

Carole Krohn, Sr. Clinical Manager,  
STS National Databases

312-202-5847

[Ckrohn@sts.org](mailto:Ckrohn@sts.org)

[STSDB@sts.org](mailto:STSDB@sts.org)



# Questions & Answers

Please submit your questions using the Q&A function on the webinar



# Thank you for joining!

Slides will be posted

Next STS ACSD Webinar:  
January 3, 2020 @ 2pmCT (date changed for the New Years!)

Have a wonderful and peaceful holiday season!

