Society of Thoracic Surgeons

Congenital Heart Surgery Database

May 15, 2020

Agenda

- Welcome and Introductions
- Housekeeping
- AQO Update
- Covid-19 Update
- IQVIA Update
- Q&A - Please submit using the Q&A function

Housekeeping

May Training Manual

New DCF's for v3.41 – yes again. Sorry!

STS Mentorship Program

AQO Update

Emily Conrad, STS Sr. Database Coordinator

What is AQO 2020?

AQO Update

AQO is going virtual

Same dates as originally planned
- 9/29-10/2

Each database will have dedicated time for live sessions

Platform to host the meeting
- Wide variety of functions
  - Live stream talks
  - Prerecorded material
  - E-posters
  - Q&A
  - Panel Discussions
  - Chat Boards
  - Vendor engagement
  - Other details still being worked out

Fields Added for Covid-19

Long Name: Temporary Coded Field   **SeqNo:** 6724
Short Name: **TempCode**   **Core:** Yes
Section Name: STS Temporary Fields   **Harvest:** Yes
DBTableName Operations
Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.
Data Source: User   **Format:** Text (categorical values specified by STS)

Harvest Codes:

Code:	Value:
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14

Did the patient have a laboratory confirmed diagnosis of Covid-19?
TempCode (6724)
- ☐ No (Harvest Code 10)
- ☐ Yes, prior to hospitalization for this surgery (Harvest Code 11)
- ☐ Yes, in hospital prior to surgery (Harvest 12)
- ☐ Yes, in hospital after surgery (Harvest Code 13)
- ☐ Yes, after discharge within 30 days of surgery (Harvest Code 14)

Date of Positive Covid-19 Test (closest to OR date) _____/_____/_____ (mm/dd/yyyy)
TempDt (6723)

Long Name: Temporary Date Field   **SeqNo:** 6723
Short Name: **TempDt**   **Core:** Yes
Section Name: STS Temporary Fields   **Harvest:** Yes
DBTableName Operations
Definition: This is a temporary field that should not be used for data collection until expressly instructed to by the STS.
Data Source: User   **Format:** Date - mm/dd/yyyy

Abstracting Covid-19 Fields

Must be a positive PCR test

Antibody testing is not captured

For more than one positive test, collect the test closest to OR Date

Testing field begins with April 1 cases

Date field begins with May 1 cases

Sites can retroactively collect these fields back to January 1, but are not required to do so

Abstracting Covid-19 Fields

Why is this field added?	Sites have reported that patients who are found to be Covid-19+ are having worse surgical outcomes.
Do we really need to go back to January to abstract this field?	No. But, you can go back to January 1 if your site was impacted early on.
Will these patients be included in outcomes?	STS is in discussion regarding how these cases will be handled. We need to get data to see its impact.
Can I abstract a patient who is assumed to be Covid-19+ but was not tested.	No. ONLY code yes for a patient who has been confirmed to have Covid-19 through laboratory testing.
Covid-19 after discharge	For patients that self-report testing positive for Covid-19 within 30 days of surgery indicate 'Yes, after discharge within 30 days of surgery'.

IQVIA Update
Melanie Bent and Jannette Hanna

sts.org

CHSD Launch Update

- Targeting for next week – STS will provide formal communication

- Beta Testing is still in progress

- Beta User Feedback has been very impactful user experience
    - Based on this feedback changes have been made:
        - Data Quality Report Updates
            - Report Layout Updates
            - Validation Severity Level Updates
        - Missing Variable Updates
        - CHSD Participant Dashboard Updates

What's New?

Uploader
- **New Feature:** Automatic record removal detection and handling based on surgery date ranges
  - Users requested the ability for the system to remove records which had been deleted within their source software vendor system and had been uploaded to the IQVIA system.
  - The uploader will automatically determine if a file should be removed based on the identified MIN/MAX surgery date ranges within the uploaded file based on new system checks.

Automatic Record Removal

Assumptions
- User had previously uploaded a file to the IQVIA platform which included surgery dates 8/1/2019 (MIN) through 8/5/2019 (MAX)
- The previously upload file included Record A, Record B, Record C, Record D, Record F (*visual provided*)

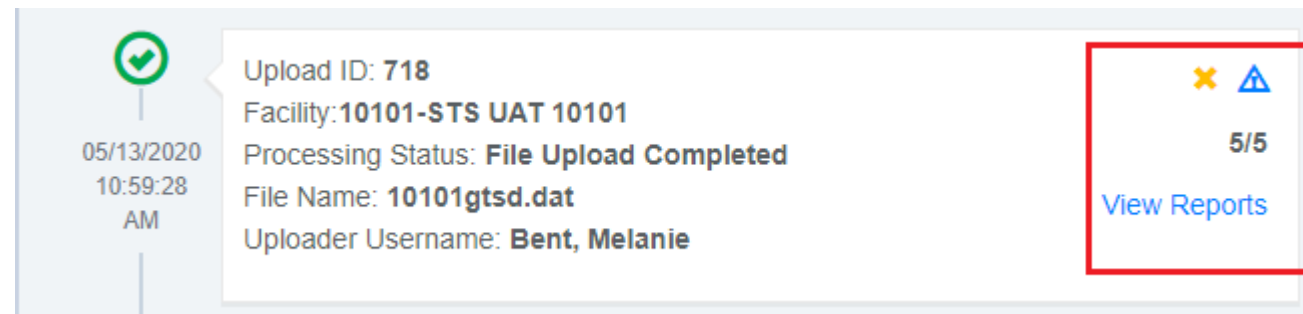| File Submission	Pre-Load	Post-Load
A (8/1/19) →	A (8/1/19) →	A (8/1/19)
--	B (8/1/19)	❌
--	C (8/3/19)	❌
D (8/4/19) →	D (8/4/19) →	D (8/4/19)
E (8/5/19) →		E (8/5/19)
	F (8/6/19) →	F (8/6/19)

Automatic Record Removal Workflow Steps

Workflow Steps

- STEP 1: User deletes Record B and Record C in their source software system

- STEP 2: User exports the .dat file from their source software system for the surgery dates of 8/1/2019 (MIN) through 8/5/2019 (MAX)

- STEP 3: User uploads the .dat file to the IQVIA platform

- STEP 4: The uploader executes processing checks and identifies the previously submitted records were removed in the uploaded file and proceeds with removing the files within the IQVIA database

File Submission	Pre-Load	Post-Load
A (8/1/19)	A (8/1/19)	A (8/1/19)
--	B (8/1/19)	❌
--	C (8/3/19)	❌
D (8/4/19)	D (8/4/19)	D (8/4/19)
E (8/5/19)		E (8/5/19)
	F (8/6/19)	F (8/6/19)

What's New - Continued

- The validation will only execute when inserting new or updated records into the database.

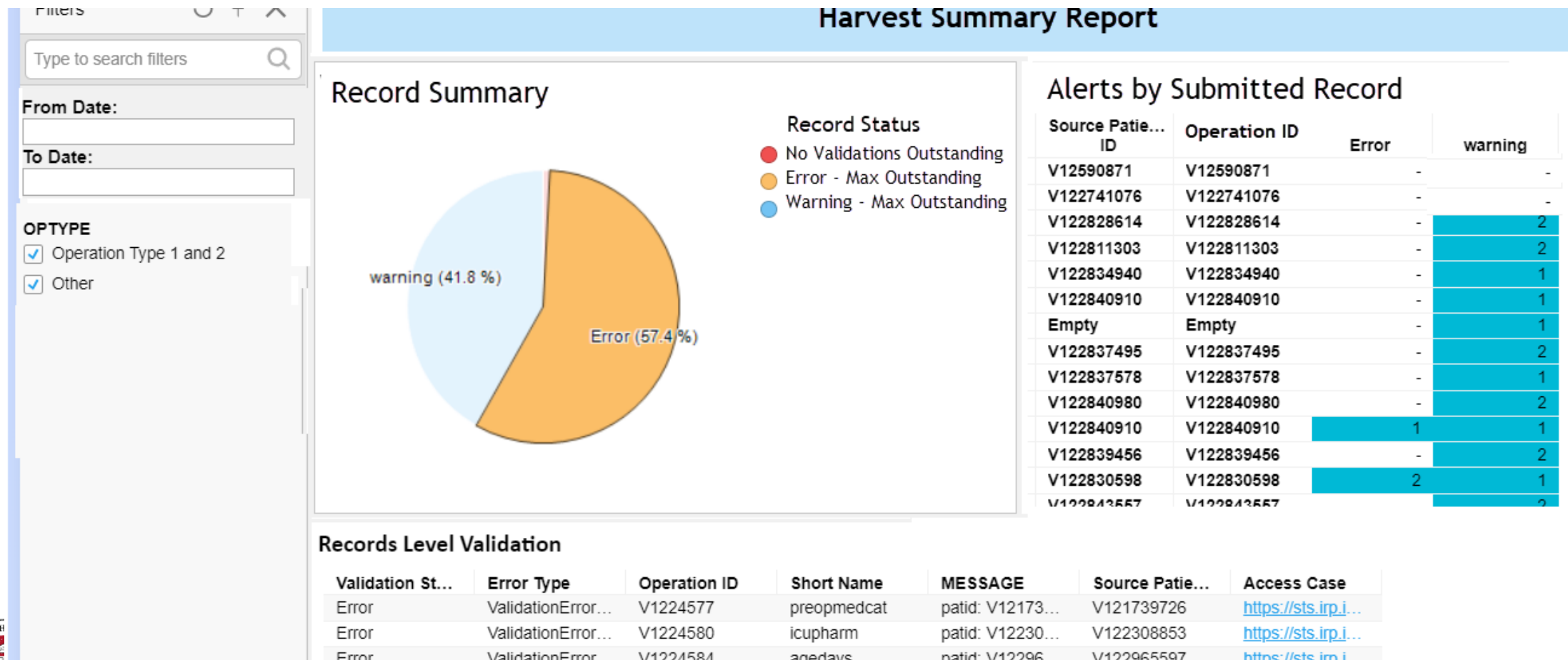- The system will display only display records that are identified as new and/or updated in the database.

What Changes?

- Upon initially uploading a file to the platform, the system will display the total number of new files in the upload card history.

- Uploads thereafter, will display the total number of new or updated records in the upload card history.

  - Previously uploaded records with no identified changes will not be included in the total number of records that are processed.

  - The upload history card will not display the total number of records that were in the original file.

- To review previous errors/warnings, refer back to the original upload history card.

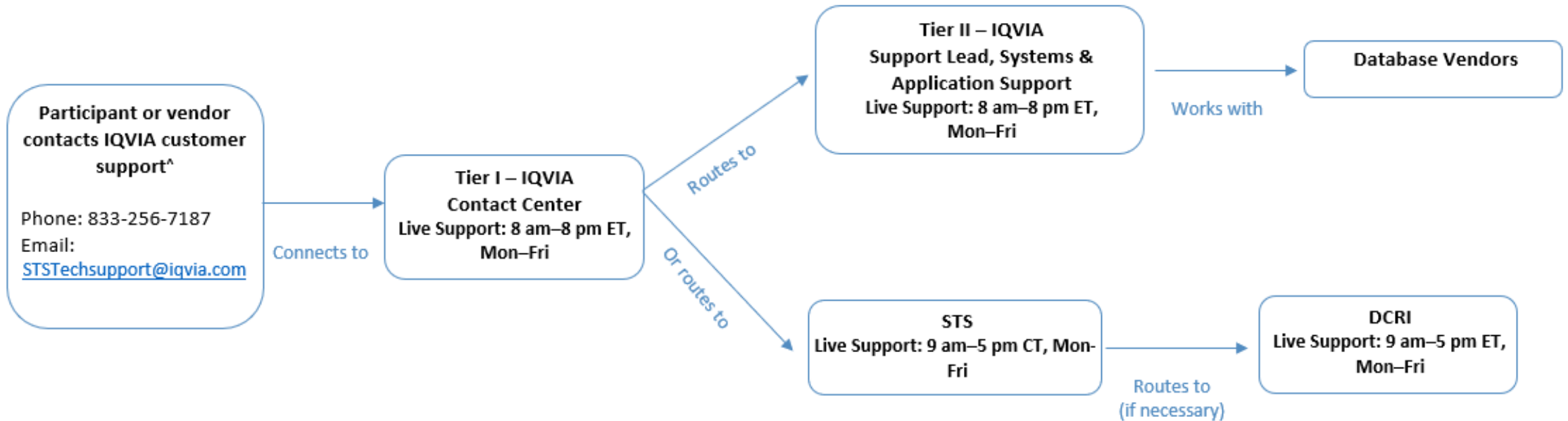- **NEW REPORT** – Harvest Summary Report will be developed**

Future Report – Harvest Summary Report Concept

STS/IQVIA Support Plan

IQVIA's Support Plan

Participant or vendor contacts IQVIA customer support^

Phone: 833-256-7187
Email:
STSTechsupport@iqvia.com

Connects to

Tier I – IQVIA Contact Center
Live Support: 8 am–8 pm ET, Mon–Fri

Routes to

Tier II – IQVIA Support Lead, Systems & Application Support
Live Support: 8 am–8 pm ET, Mon–Fri

Works with

Database Vendors

Or routes to

STS
Live Support: 9 am–5 pm CT, Mon-Fri

Routes to (if necessary)

DCRI
Live Support: 9 am–5 pm ET, Mon–Fri

^ 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

User Group Call

- May 22 @ 11amCT

Monthly Webinar

- June 19 @ 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!

•

Thank you for joining the May CHSD Webinar

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