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

Did the patient have a laboratory confirmed diagnosis of Covid-19?

- No (Harvest Code 10)
- Yes, prior to hospitalization for this surgery (Harvest Code 11)
- Yes, in hospital prior to surgery (Harvest Code 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)

Long Name: Temporary Date Field
Short Name: TempDx
Section Name: STS Temporary Fields
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

Harvest Code: Yes
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
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)

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<th>File Submission</th>
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<td>F (8/6/19)</td>
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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

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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
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

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