Society of Thoracic Surgeons

Adult Cardiac Surgery Database

March 4, 2020
Agenda

• Welcome and Introductions
• IQVIA update
• Q&A
A Little bumpy, but WE MADE THROUGH!

- 980+ sites submitted
- 1.4 Million Records Successfully Accepted
- 72,000 Records with OR Dates 10/1-12/31/2019
Housekeeping

- v4.20 Data Spec Update
- March Training Manual
- DCRI Portal
Important Dates for Adult Cardiac

- **28 Feb.**
  - Harvest Close

- **18 Mar.**
  - ACSD User Group Call @ 2pmCT

- **26 Mar.**
  - ACSD v4.20.1 Call @ 2pmCT

- **31 Mar.**
  - DCRI Report Portal Closes
  - MIPS Reporting due to CMS

- **Summer 2020**
  - Dashboards with Benchmarked Data

- **11 Mar.**
  - ACSD User Group Call @ 3pmCT

- **25 Mar.**
  - ACSD User Group Call @ 2pmCT

- **Future**
  - Longitudinal Dashboard
IQVIA Update

Melanie Bent,
IQVIA Lead
Business Analyst
Harvest 1 2020 Updates

Upload Statistics
- Total # of records in the harvest 1,667,371 records were successfully uploaded or migrated from DCRI
- Records uploaded in the last quarter Q4 (10/1/2019 – 12/31/2019) 72,318
- Total # of records uploaded 1,483,558 (new record creation or updates to existing records)

What were the steps taken after the harvest closed February 28th?
- Harvest officially closed Friday, February 28th @ 11:59pm
- On Feb 29th @ 12am - IQVIA backed up a copy of all records with surgery dates starting from 7/1/2014 (beginning of the 2.81 version) thru 12/31/2019
- IQVIA is continuing to work through duplicate patient record clean up
ACSD Phase 2

• Risk Analyzed Outcomes Report
  • Will be a new dashboard report
  • Report will include Star Rating and Outcomes
  • Report will be based on data received back from DCRI

• ACSD 4.20
  • New data form version to support case form viewing
  • Updates to support uploading new data version
IQVIA Update – Data Manager Feedback

• ACSD DQR Enhancements
  • Shortname column display for additional sorting option
  • Source Record ID column display for additional sorting option
  • Updates to validation errors and warnings
  • STS/IQVIA is currently reviewing further feedback from user community

• New Report to provide Summary of Data by Harvest
  • Observations per Surgery Year
  • Operative Mortalities per Surgery Year
  • Observations per Procedure Group per surgery year
  • Observations per Surgeon/NPI
  • Observations by Hospitals/NPI
IQVIA Update – Data Manager Feedback

• Enhance the Missing Variable Report
  • Add procedure summary for:
    • CABG
    • AVR
    • AVR + CAB
    • MVR/MVP
    • MVR + CABG/MVP + CABG

• Update the current MVR filter label names to include indicator display
  • i.e. Procedure Identification variable [4]

• Case List Display Items
  • Display shortname column
  • Display MRN
IQVIA Update – Data Manager Feedback

- Enhance the ACSD Dashboard Report
  - Display additional existing data variables
  - Display new 4.20 data variables
  - Display the date range selected
  - Display the selected procedures

- Risk Score Matching Report
ACSD Key Reminders

• IQVIA migrated records from DCRI (v2.81 and v2.9)
  • If there are no changes to historical records required, you do not need to upload those records. They are loaded and available within the platform for report review.
  • If there are changes to historical records, they will be updated with the changes that are submitted.

• If there is a submission and there is a critical error, the data is not saved in the ACSD database.

• If there is a submission and there is an error or a warning, the data is stored in the database.
ACSD Known Issues

Uploader – In Progress

• Uploader infinite “Loading...” message on the upload page  STS-1715
  Status: In Progress
  • When users are on the uploader interface page, the “Loading...” animation
does not stop, continuous for the users
  • Users have been identified and support has been working actively with those
users

• Upload Failed – File loaded to S3 Complete  STS-1723 Status: In
  Progress
  • File Structure Errors – Error encountered while processing file
ACSD Known Issues

ACSD – File Uploaded to S3 error (there are multiple STS IDs linked to this issue)
  • Scenarios for this error will vary from site to site – file review is required
  • STS-2106 - ACSD – Record ID is matching on case sensitive and not case insensitive match (STS-2106)
  • STS-2051 – ACSD files uploading with limited record set, limited critical errors (there are multiple STS IDs linked to this issue)
  • STS-2120 – Max number of uploads reached
  • STS-2219 – IMA field excluding patients on dashboard report
ACSD Known Issues

• ACSD Validation updates
  • STS-1765 – Warning UrgEmergRsn_CC5 firing when Cardiogenic Shock = Yes
    • Confirmed the data uploaded is correct, logic is triggering incorrectly
Inquiries received outside live support hours will require a 24-hour turnaround window (i.e., one business day) for responses.
Resources

- STSTechSupport@IQVIA.com
- STS National Database Feedback Form
- STS/IQVIA Data Warehouse Transition Page
  - STS Website
  - IQVIA Portal - Library
- Training Videos
  - Contact Information
  - Webinar Information
  - FAQ Document
  - Go-Live Checklist
  - Link to IQVIA
  - Tiered-level Support Document

^Currently available on the STS National Database Webpage
Contact Information

• Carole Krohn, Sr. Clinical Manager, STS National Database
  • CKrohn@sts.org
  • 312-202-5847
• Database Operational Questions
  • STSDB@sts.org
Questions & Answers

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