

# Society of Thoracic Surgeons

## Adult Cardiac Surgery Database

March 4, 2020



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

# Agenda

- Welcome and Introductions
- IQVIA update
- Q&A



# Thank You



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

**Congratulations**



# Housekeeping

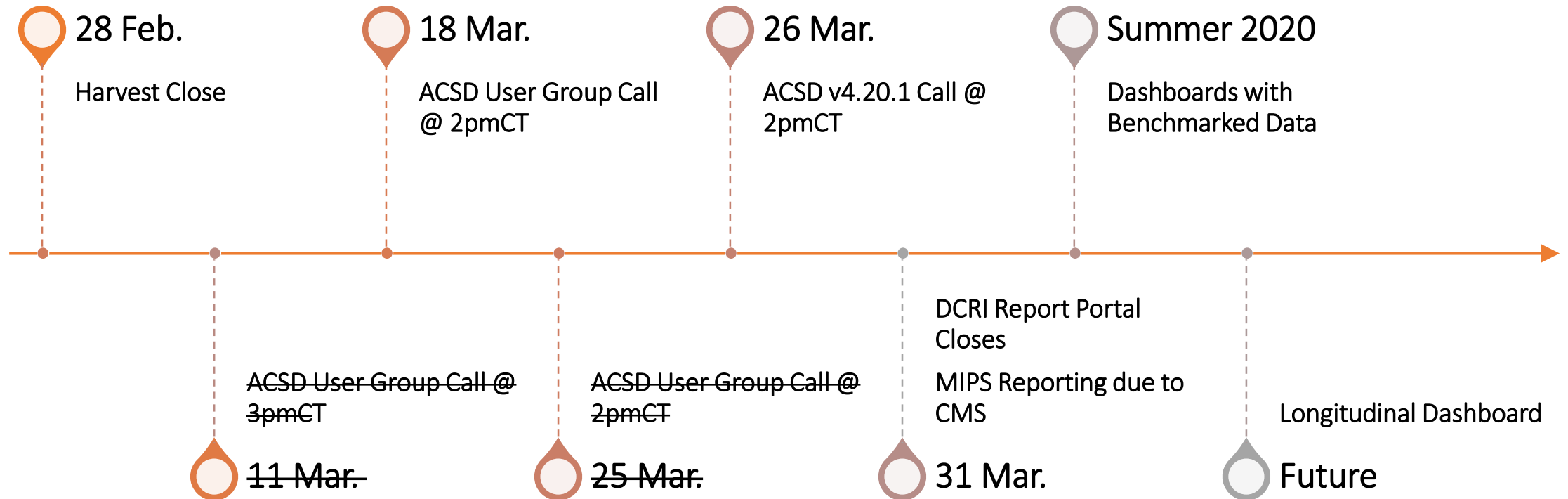
v4.20 Data Spec Update

March Training Manual

DCRI Portal



# Important Dates for Adult Cardiac



# 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 28<sup>th</sup>?

- Harvest officially closed Friday, February 28<sup>th</sup> @ 11:59pm
- On Feb 29<sup>th</sup> @ 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

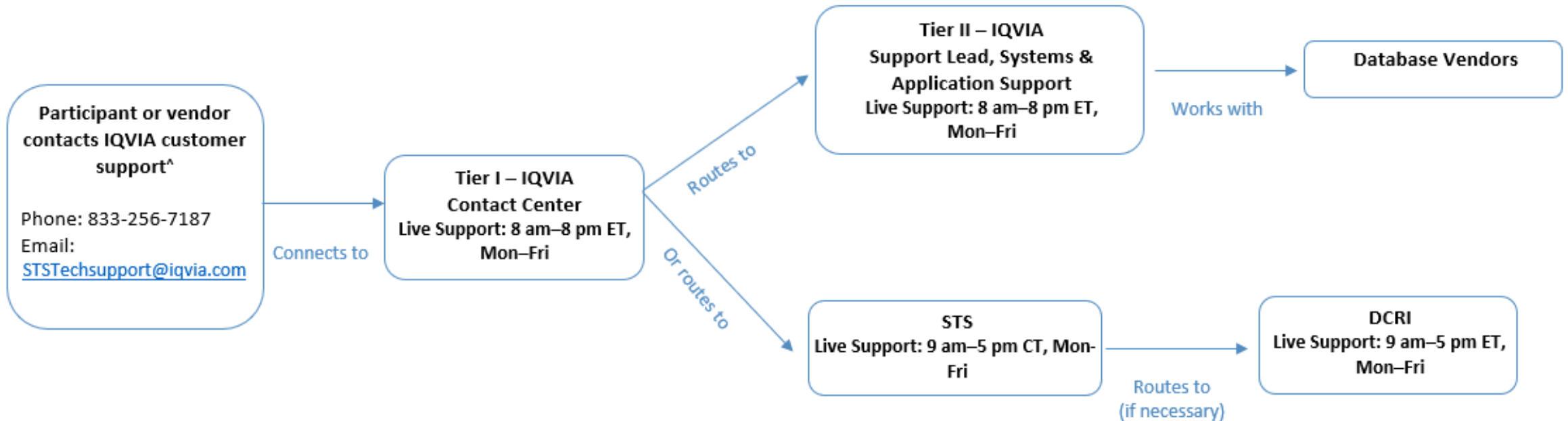


# ACSD Known Issues

- ACSD Validation updates
  - STS-1765 – Warning UrgEmergRsn\_CC5 firing when Cardiogenic Shock = Yes
    - Confirmed the data uploaded is correct, logic is triggering incorrectly



# 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

- [STSTechSupport@IQVIA.com](mailto: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
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  - 312-202-5847
- Database Operational Questions
  - [STSDB@sts.org](mailto:STSDB@sts.org)



# Questions & Answers

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

