Society of Thoracic Surgeons

Adult Cardiac Surgery Database

September 2, 2020

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

Agenda

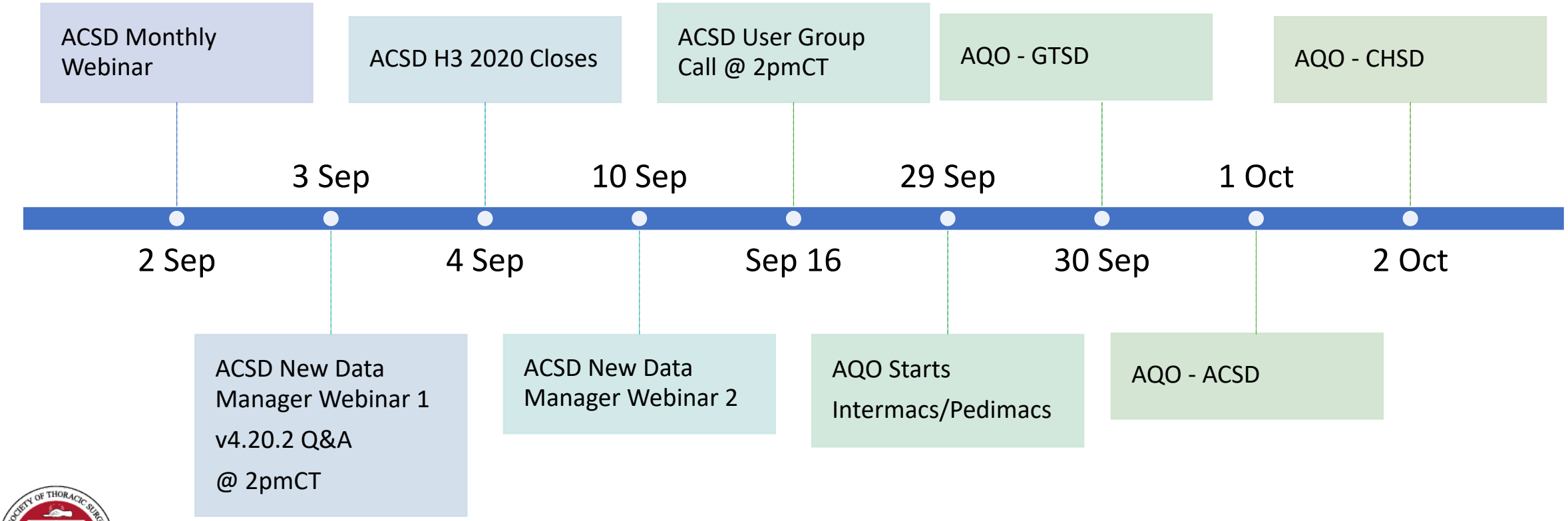
- Welcome and Introductions
- Housekeeping
- STS Updates
- IQVIA – Risk Adjusted Dashboard
- Q&A – Please submit using the Q&A function

Welcome
Harvest 1 2020 Results

Housekeeping

- v4.20 Data Spec Update
- v4.20 Training Manual Update
- AQO Update

Important Dates for Adult Cardiac



Direct Data Entry

- July 1, 2020
- Email STSDB@sts.org

IQVIA Update

Joe Brower & Melanie Bent

IQVIA September 2020 Release Update

The following updates are targeted to be released the weekend of **September 12th**

ACSD Participant Dashboard Report

- STS-2017 – Dashboard Discrepancy in Last Creatinine Level
- STS-2143 – Dashboard reporting liver dysfunction/failure in missing % count result
- STS-2826 – Dashboard reporting endovascular cases in missing % count result
- STS-2388 – Dashboard reporting is checking for 2.9 variables for cases entered on the 2.81 data version
- STS-2759 – Users experiencing infinite “Loading” message on the uploader page

IQVIA Issues Under Review

Uploader

- STS-3621 – vdvmax is triggering a critical error message for 4.20.2 records at the time of upload
- STS-3613 – value for VentHrsA not appearing in patient case (not impacting all sites, currently reviewing a specific example)
- STS-3266 – Upload showing a red X mark even though the records are showing as uploaded
- STS-3763 – Sites receiving critical error for “Record is duplicated in file”. (all site are not experiencing, we have identified the specific sites and are working with users and vendors)

IQVIA Issues Under Review

- **ACSD Participant Dashboard Report**
  - STS-2994 – IMA(Internal Mammary Artery) used displaying incorrect case count
    - Related to above item - STS-2219 – Dashboard IMA Used case count
    - Related to item above – STS-2068 – Dashboard IMA Used
  - STS-3666 – Dashboard Report displaying cases that have a value entered (patient alive)for “Status at 30 days after Surgery” as missing
  - STS-3581 – Dashboard Graphs is not matching for discharge/mortality
  - STS-3588 – Dashboard post-operative events percentage on the dashboard is not 100%
  - STS-3387 – Dashboard report percentages showing 0%

IQVIA Issues Under Review

Missing Variable Report

- STS-3419 – Inconsistent number returning for SSN data element, parent logic to be updated
- STS-3727 – MVR showing 100% missing for COTOTHER for 2018 cases

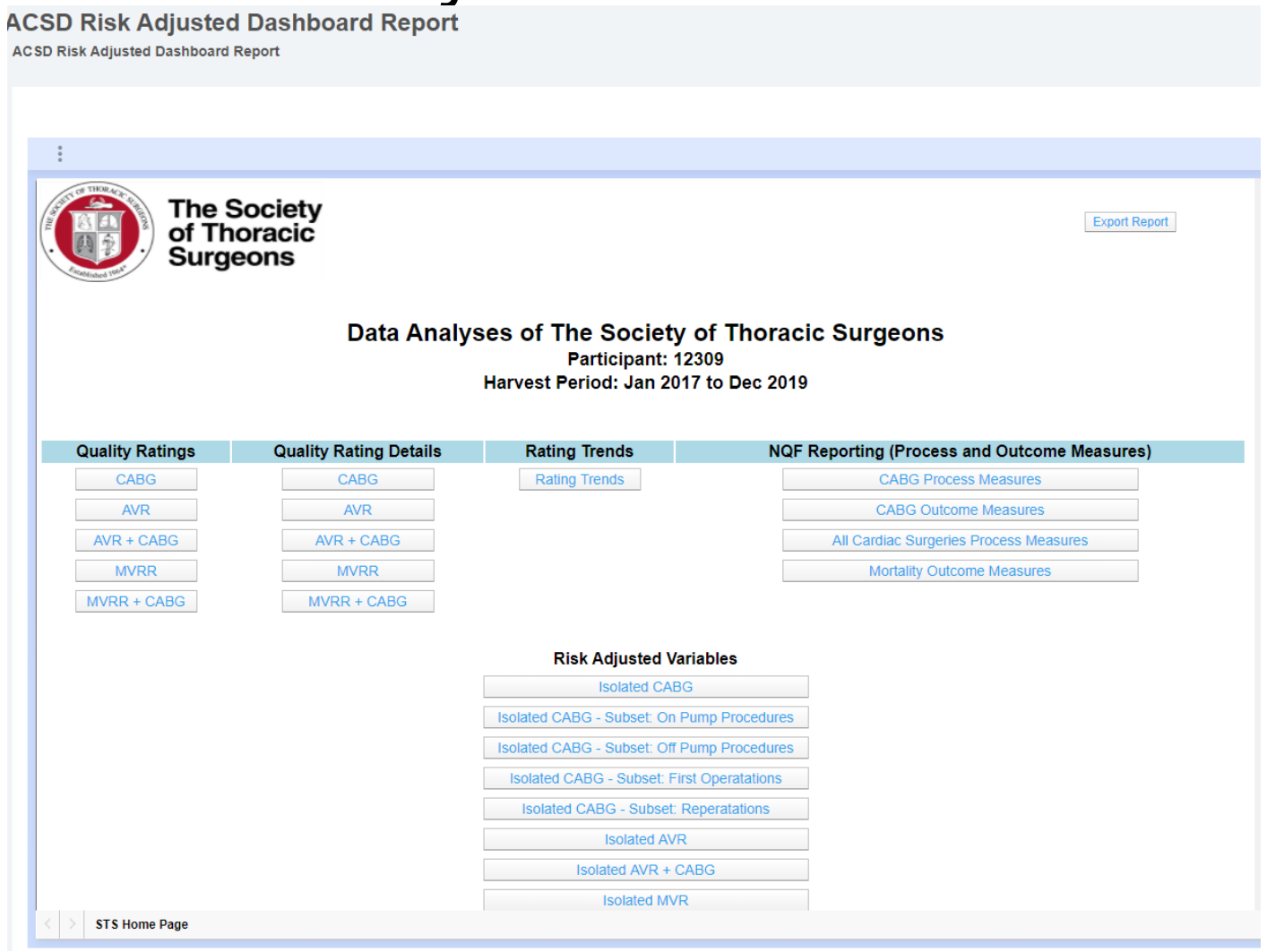
ACSD Risk Adjusted Dashboard Report

Melanie Bent & Rhonda Murphy

The Transition – ACSD Risk Adjusted Dashboard

- ACSD Analyzed Risk Adjusted Dashboard will allow you to compare your risk-adjusted performance with that of similar participants (identified as their Like Group), and the entire body of STS Database participants.
- Dashboard Benefits
- Interactive report
  - Quick and intuitive navigation within the report interface
  - Patient Drill Down capability within designated sections of the report
  - Review corresponding graphs views
- Gain quick insight from the data that is presented
- Give clear view of key data points for quality initiatives
- Report Results can be printed to PDF as a single report and shared electronically with other key stakeholders at your organization
- The Report Interpretation will be provided and posted to the Library within the platform

ACSD Risk Adjusted Dashboard Report



ACSD Risk Adjusted Dashboard Report
Composite Quality Rating

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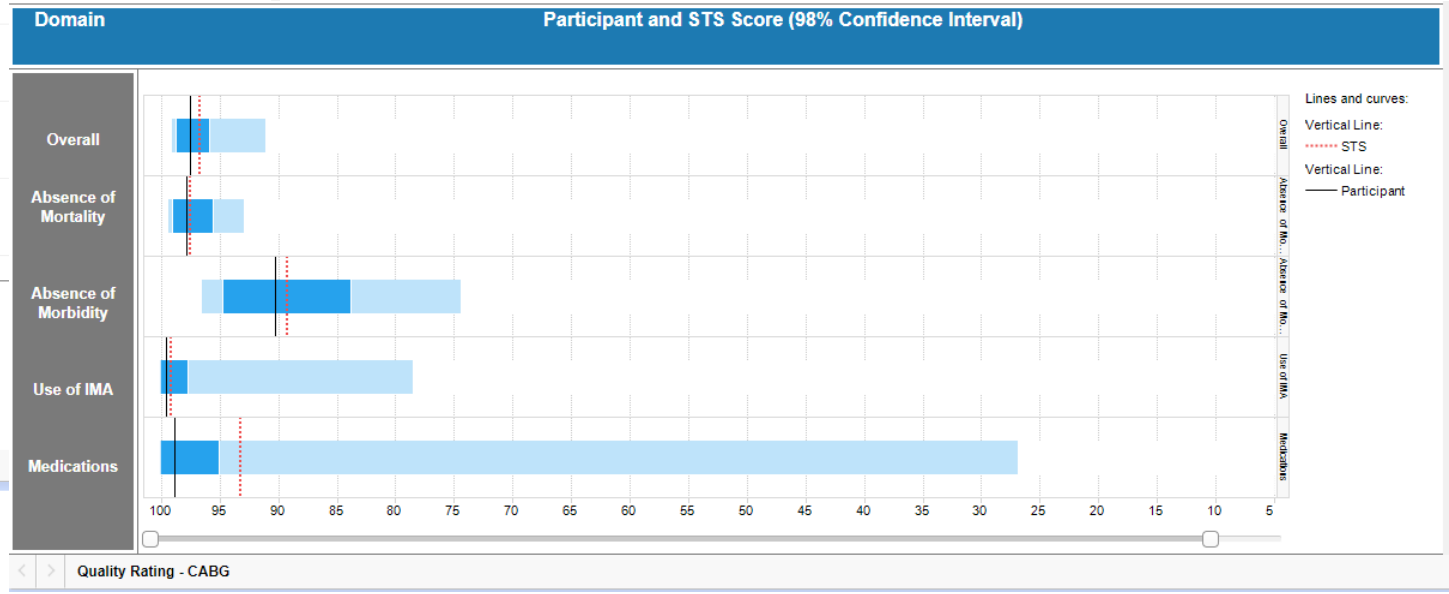
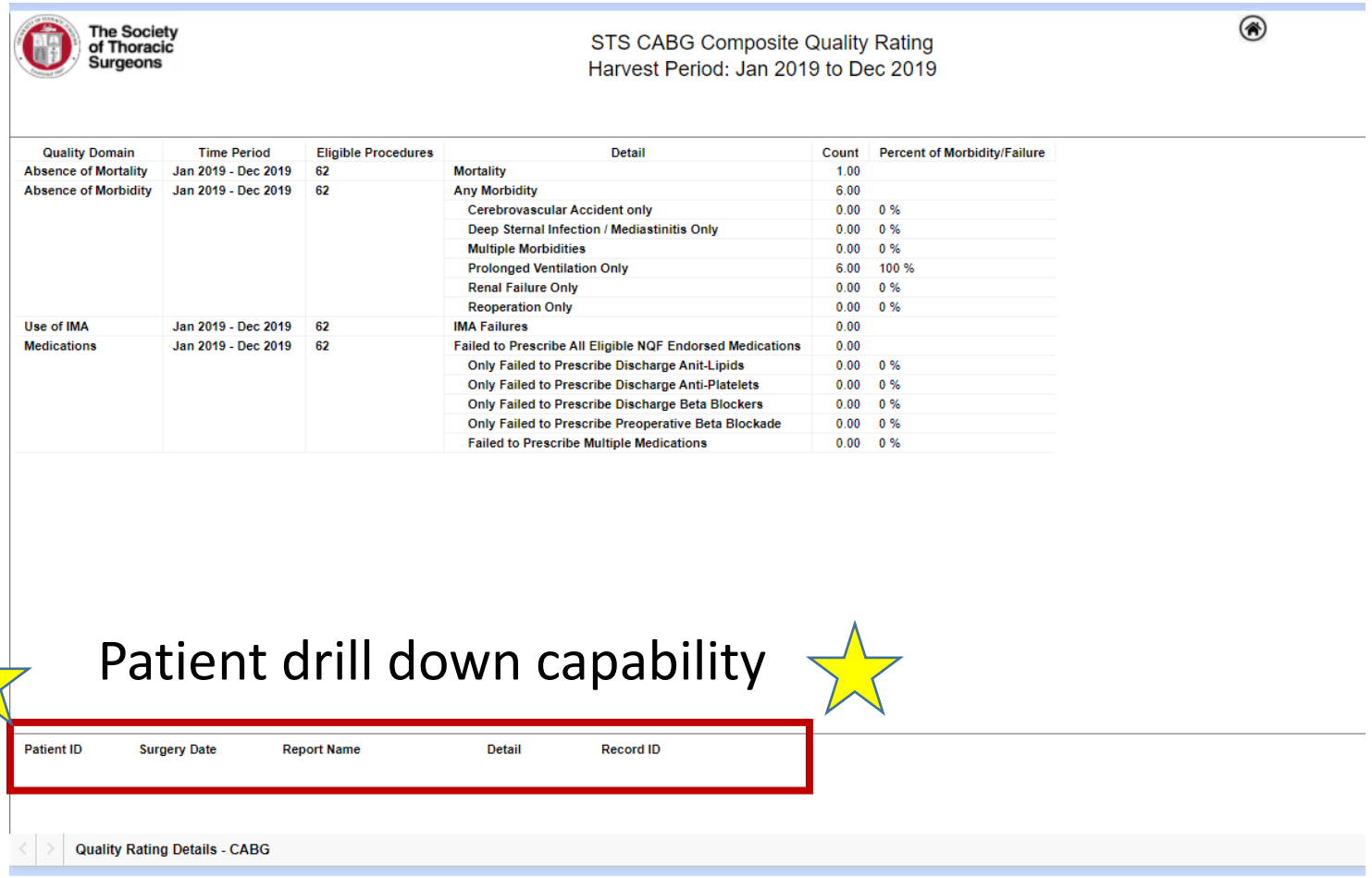
STS CABG Composite Quality Rating
Harvest Period: Jan 2019 to Dec 2019

Domain	Rating	Participant		STS				
		Score	98% CI	Score	Min - Max	10th	50th	90th
Overall	★★	97.58	(95.82-98.73)	96.85	(90.95-99.10)	95.33	97.04	98.14
Absence of Mortality	★★	97.81	(95.51-99.08)	97.66	(92.85-99.34)	96.48	97.81	98.65
Absence of Morbidity	★★★	90.30	(83.77-94.81)	89.40	(74.35-96.50)	84.80	89.88	93.32
Use of IMA	★★	99.56	(97.60-99.98)	99.24	(78.42-99.99)	98.29	99.61	99.91
Medications	★★	98.87	(94.95-99.94)	93.39	(26.74-99.97)	82.78	96.76	99.51



ACSD Risk Adjusted Dashboard Report Composite Quality Rating Details



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STS CABG Composite Quality Rating
Harvest Period: Jan 2019 to Dec 2019

Quality Domain	Time Period	Eligible Procedures	Detail	Count	Percent of Morbidity/Failure
Absence of Mortality	Jan 2019 - Dec 2019	62	Mortality	1.00	
Absence of Morbidity	Jan 2019 - Dec 2019	62	Any Morbidity	6.00	
			Cerebrovascular Accident only	0.00	0 %
			Deep Sternal Infection / Mediastinitis Only	0.00	0 %
			Multiple Morbidities	0.00	0 %
			Prolonged Ventilation Only	6.00	100 %
			Renal Failure Only	0.00	0 %
			Reoperation Only	0.00	0 %
Use of IMA	Jan 2019 - Dec 2019	62	IMA Failures	0.00	
Medications	Jan 2019 - Dec 2019	62	Failed to Prescribe All Eligible NQF Endorsed Medications	0.00	
			Only Failed to Prescribe Discharge Anit-Lipids	0.00	0 %
			Only Failed to Prescribe Discharge Anti-Platelets	0.00	0 %
			Only Failed to Prescribe Discharge Beta Blockers	0.00	0 %
			Only Failed to Prescribe Preoperative Beta Blockade	0.00	0 %
			Failed to Prescribe Multiple Medications	0.00	0 %

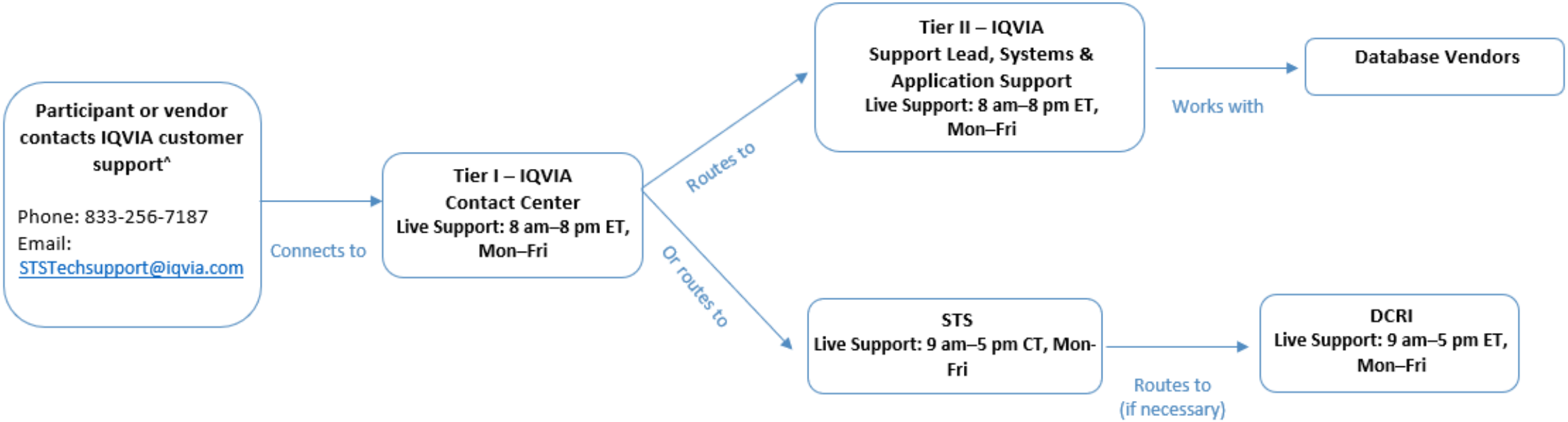
Patient drill down capability

Patient ID	Surgery Date	Report Name	Detail	Record ID

Quality Rating Details - CABG

IQVIA's Support Plan

Please include your Participant ID (PID) in all communications with STS and IQVIA



^ 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*
  - ckrohn@sts.org

Contact Information

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

sts.org

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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!