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

- **2 Sep**: ACSD Monthly Webinar
- **3 Sep**: ACSD H3 2020 Closes
- **4 Sep**: ACSD New Data Manager Webinar 1 v4.20.2 Q&A @ 2pmCT
- **10 Sep**: ACSD User Group Call @ 2pmCT
- **29 Sep**: AQO - GTSD
- **30 Sep**: AQO - GTSD
- **Sep 16**: AQO Starts Intermacs/Pedimacs
- **1 Oct**: AQO - CHSD
- **2 Oct**: AQO - ACSD
Direct Data Entry

- July 1, 2020
- Email STSDB@sts.org
IQVIA Update
Joe Brower & Melanie Bent
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

Data Analyses of The Society of Thoracic Surgeons
Participant: 12309
Harvest Period: Jan 2017 to Dec 2019

<table>
<thead>
<tr>
<th>Quality Ratings</th>
<th>Quality Rating Details</th>
<th>Rating Trends</th>
<th>NGF Reporting (Process and Outcome Measures)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CABG</td>
<td>CABG</td>
<td></td>
<td>CABG Process Measures</td>
</tr>
<tr>
<td>AVR</td>
<td>AVR</td>
<td></td>
<td>CABG Outcome Measures</td>
</tr>
<tr>
<td>AVR + CABG</td>
<td>AVR + CABG</td>
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<td>All Cardiac Surgeons Process Measures</td>
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<tr>
<td>MVRR</td>
<td>MVRR</td>
<td></td>
<td>Mortality Outcome Measures</td>
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<tr>
<td>MVRR + CABG</td>
<td>MVRR + CABG</td>
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<td></td>
</tr>
</tbody>
</table>

Risk Adjusted Variables
- Isolated CABG
- Isolated CABG - Subset: On-Pump Procedures
- Isolated CABG - Subset: Off-Pump Procedures
- Isolated CABG - Subset: First Operations
- Isolated CABG - Subset: Reoperations
- Isolated AVR
- Isolated AVR + CABG
- Isolated MVRR
ACSD Risk Adjusted Dashboard Report
Composite Quality Rating

The Society of Thoracic Surgeons

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

<table>
<thead>
<tr>
<th>Domain</th>
<th>Rating</th>
<th>Participant</th>
<th>STS Score</th>
<th>98% CI</th>
<th>Min - Max</th>
<th>10th</th>
<th>50th</th>
<th>90th</th>
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</thead>
<tbody>
<tr>
<td>Overall</td>
<td>⭐⭐⭐⭐⭐</td>
<td>97.55</td>
<td>97.65</td>
<td>(96.35-99.10)</td>
<td>96.33</td>
<td>97.64</td>
<td>98.14</td>
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</tr>
<tr>
<td>Absence of Mortality</td>
<td>⭐⭐⭐⭐⭐</td>
<td>97.81</td>
<td>97.68</td>
<td>(97.28-99.48)</td>
<td>97.17</td>
<td>97.81</td>
<td>98.65</td>
<td></td>
</tr>
<tr>
<td>Absence of Morbidity</td>
<td>⭐⭐⭐⭐⭐</td>
<td>92.30</td>
<td>93.48</td>
<td>(91.15-94.61)</td>
<td>92.49</td>
<td>93.40</td>
<td>94.33</td>
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<tr>
<td>Use of IMA</td>
<td>⭐⭐⭐⭐⭐</td>
<td>80.55</td>
<td>89.19</td>
<td>(78.92-90.45)</td>
<td>87.74</td>
<td>89.66</td>
<td>90.71</td>
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<tr>
<td>Medications</td>
<td>⭐⭐⭐⭐⭐</td>
<td>98.87</td>
<td>93.71</td>
<td>(93.15-99.34)</td>
<td>92.78</td>
<td>94.96</td>
<td>96.76</td>
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</table>

Domain
Participant and STS Score (98% Confidence Interval)

Overall
Absence of Mortality
Absence of Morbidity
Use of IMA
Medications

Quality Rating - CABG

sts.org
ACSD Risk Adjusted Dashboard Report
Composite Quality Rating Details

<table>
<thead>
<tr>
<th>Quality Domain</th>
<th>Time Period</th>
<th>Eligible Procedures</th>
<th>Detail</th>
<th>Count</th>
<th>Percent of Morbidity/Failure</th>
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</thead>
<tbody>
<tr>
<td>Absence of Mortality</td>
<td>Jan 2019 - Dec 2019</td>
<td>G2</td>
<td>Any Mortality</td>
<td>0.00</td>
<td>0%</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Cerbrovascular Accident only</td>
<td>0.00</td>
<td>0%</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Deep Vascular Infection / Medialtia Antibiotic Only</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multiple Mortalities</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Protracted Ventilation</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Renal Failure</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Reoperation Only</td>
<td>0.00</td>
<td>0%</td>
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<tr>
<td>Use of IMA Medications</td>
<td>Jan 2019 - Dec 2019</td>
<td>G2</td>
<td>Failed to Prescribe All Eligible NOA Endorsed Medications</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Only Failed to Prescribe Discharge Anti-Lipids</td>
<td>0.00</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Only Failed to Prescribe Discharge Anti-Antipsy</td>
<td>0.00</td>
<td>0%</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Only Failed to Prescribe Discharge beta blockers</td>
<td>0.00</td>
<td>0%</td>
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<td></td>
<td></td>
<td></td>
<td>Failed to Prescribe Multiple Medications</td>
<td>0.00</td>
<td>0%</td>
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</tbody>
</table>

Patient drill down capability

<table>
<thead>
<tr>
<th>Patient ID</th>
<th>Surgery Date</th>
<th>Report Name</th>
<th>Detail</th>
<th>Record ID</th>
</tr>
</thead>
</table>

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IQVIA's Support Plan

Inquiries received outside live support hours will require a 24-hour turnaround window (i.e., one business day) for responses.

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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
Happy Labor Day
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!