Society of Thoracic Surgeons

Adult Cardiac Surgery Database

October 7, 2020
Agenda

• Welcome and Introductions
• Housekeeping
• Coronary Disease Clarification – Polling!!
• IQVIA Update
• Q&A – Please submit using the Q&A function
Housekeeping

v4.20 Data Spec Update

v4.20 Training Manual Update

AQO Update
Important Dates for Adult Cardiac

- **7 Oct (Today)**: ACSD Monthly Webinar
- **21 Oct**: ACSD Monthly Webinar @ 2pmCT
- **4 Nov**: ACSD User Group Call @ 2pmCT
- **18 Nov**: ACSD User Group Call @ 2pmCT
- **20 Nov**: Harvest 4 Closes
Coronary Artery Disease Clarification
### Hemodynamics/Cath/Echo

| Cardiac Catheterization Performed: | Yes | No (If Yes--) | Cardiac Catheterization Date: | ___ / ___ / ___
|-----------------------------------|-----|---------------|-------------------------------|----------------
| CarCathPer (1145)                |     |               | CarCathDt (1150)              |               |
| Coronary Anatomy/Disease known:  | Yes | No (If Yes--) |                               |               |
| CorAnatDisKnown (1155)           |     |               |                               |               |

#### Number

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<thead>
<tr>
<th>Number</th>
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<th>One</th>
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<th>Three</th>
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#### Diseased Vessels

- **NumDisV (1170)**
  - If one, two or three vessel disease:
    - Yes
    - No

- **StenLeftMain (1174)**
  - If Yes:
    - Location of stenosis:
      - Yes
      - No
    - Native Artery Stenosis
    - Stenotic Graft
    - Stenotic Stent

- **LADDistributionstenosis ≥ 50% known**
  - Yes
  - No
  - N/A

- **LADDistSten (1178)**
  - 50-69% ≥ 70%
  - LADDistStenPercent (1179)
  - Location of stenosis:
    - Yes
    - No
    - Native Artery Stenosis
    - Stenotic Graft
    - Stenotic Stent

- **Ramusstenosis ≥ 50% known**
  - Yes
  - No
  - N/A

- **RamusSten (1180)**
  - 50-69% ≥ 70%
  - RamusStenPercent (1183)
  - Location of stenosis:
    - Yes
    - No
    - Native Artery Stenosis
    - Stenotic Graft
    - Stenotic Stent

- **Circumflex distribution stenosis ≥ 50% known**
  - Yes
  - No
  - N/A

- **CircDistSten (1186)**
  - 50-69% ≥ 70%
  - CircDistStenPercent (1187)
  - Location of stenosis:
    - Yes
    - No
    - Native Artery Stenosis
    - Stenotic Graft
    - Stenotic Stent

- **RCA distribution stenosis ≥ 50% known**
  - Yes
  - No
  - N/A

- **RCADistSten (1190)**
  - 50-69% ≥ 70%
  - RCADistStenPercent (1191)
  - Location of stenosis:
    - Yes
    - No
    - Native Artery Stenosis
    - Stenotic Graft
    - Stenotic Stent
Ask yourself... Is the blood flow to the myocardium currently compromised?
The blood flow to the myocardium

Hx: CABG x 1 LIMA to Distal LAD

Cath Findings:
- 99% stenosis to the mid-distal LAD
- No significant stenosis in the proximal and mid LAD
- Patent LIMA to the distal LAD
- Diagonals are normal
- No other coronary artery disease noted

How should disease be coded?

Left Internal Mammary Artery to the Distal LAD

Left Anterior Descending

Diagonal
The blood flow to the myocardium

Hx: CABG x 1 LIMA to Distal LAD

Cath Findings:
- 99% stenosis to the distal LAD
- No significant stenosis in the proximal and mid LAD
- Patent LIMA to the distal LAD
- Diagonals are normal
- No other coronary artery disease noted
RITA = Right Internal Thoracic Artery = Mammary
IQVIA Update
Joe Brower
October 2020 – Upcoming Release

Items below are currently targeted for the October 10th release.

Report Enhancements

CHSD Harvest Summary Report

• STS-3662 – Updating the Harvest Summary Report to display total number of cases for quick reference on the report interface

• STS-3122 – Updating the Harvest Summary Report to display the surgery date range for quick reference on the report interface
IQVIA October 2020 Release Update

The following updates will be released to production the weekend of October 10th

Uploader
• STS-3621 – vdvmax is triggering a critical error message for 4.20.2 records at the time of upload
• STS-3266 – Upload showing a red X mark even though the records are showing as uploaded (Resolved, noted uploads encountered unexpected timeout)

• DQR
• STS-3894 - Validation message triggering incorrectly operative mortality query for patients who do not meet the criteria

• ACSD Participant Dashboard Report
• STS-2994 – IMA(Internal Mammary Artery) used displaying incorrect case count
  • Duplicate to above item - STS-2219 – Dashboard IMA Used case count
  • Duplicate to item above – STS-2068 – Dashboard IMA Used
• STS-3581 – Dashboard Graphs is not matching for discharge/mortality
  • STS-3387 – Dashboard report percentages showing 0% (duplicate of above)

Missing Variable Report
• STS-3419 – Inconsistent number returning for SSN data element, parent logic to be updated
• STS-3603 – MVR indicates variables are missing but values are present on the form; Dialysis, Warfarin, Direct Thrombin Inhibitors
• STS-1864 - Missing Variable Report showing variables - initial extubation date/time as missing, field was populated

**Please note:** Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.
IQVIA Support Plan
IQVIA's Support Plan

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

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