

September 6, 2022

Society of Thoracic Surgeons

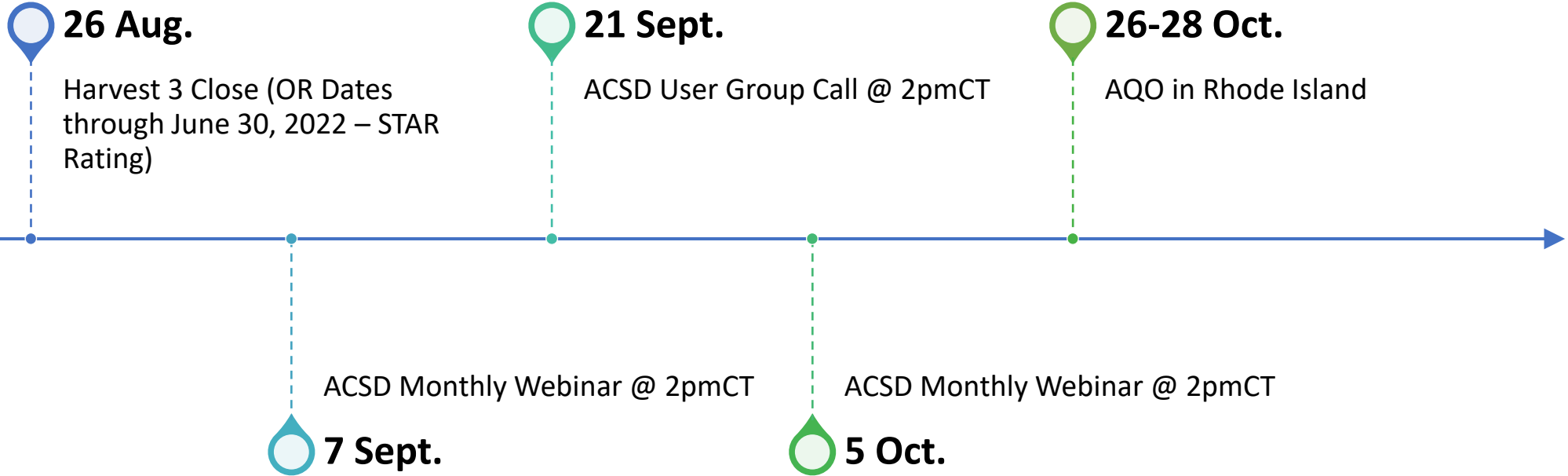
Adult Cardiac Surgery Database:  
Monthly Webinar



# Agenda

- Welcome and Introductions
- STS Important Dates
- STS Updates
- IQVIA Updates
- STS Education:
  - Postoperative Stroke
- Q & A

# Important Dates for Adult Cardiac



# Harvest 2022 Dates

ACSD					
Harvest	Close	Opt-Out	Includes procedures performed through	Report Posting	Comments
H1 2022	February 25	March 1	December 31, 2021	Spring 2021	Star Rating
H2 2022	May 27	June 1	March 31, 2022	Summer 2022	
H3 2022	August 26	August 30	June 30, 2022	Fall 2022	Star Rating
H4 2022	November 18	November 22	September 30, 2022	Winter 2022	



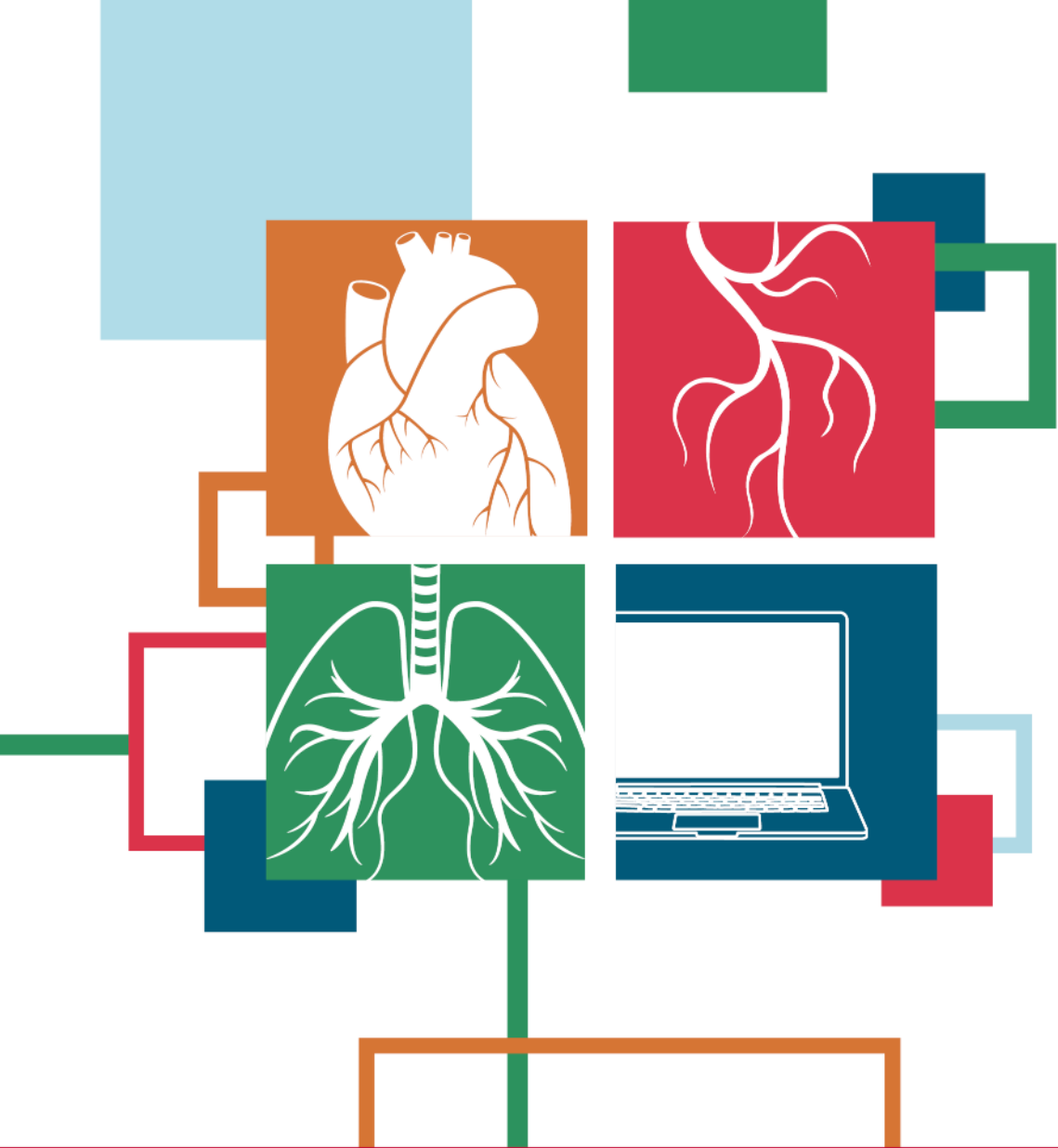
## STS Updates

Harvest 3 Closed on Friday, August 26(OR dates through June 30, 2022)

September Training Manual Posted

Registration for AQO

Preoperative Screenings/Frailty Measure



# ADVANCES IN QUALITY & OUTCOMES: A Data Managers Meeting

October 26-28, 2022 ■ PROVIDENCE, RHODE ISLAND



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# ADVANCES IN QUALITY & OUTCOMES: A Data Managers Meeting

October 26-28, 2022 ■ PROVIDENCE, RHODE ISLAND

## AQO Registration is OPEN.

<b>STS MEMBER</b>	<b>Early Bird (August 26, 2022)</b>	<b>Standard</b>
One Track	\$550	\$650
Two Tracks	\$900	\$1,100
Multi-Day (Three Tracks)	\$1,150	\$1,450
Virtual Pass	\$300	\$300

<b>NON-MEMBER</b>	<b>Early Bird (August 26, 2022)</b>	<b>Standard</b>
One Track	\$650	\$750
Two Tracks	\$1,100	\$1,300
Multi-Day (Three Tracks)	\$1,450	\$1,750
Virtual Pass	\$400	\$400



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# Thursday, October 27, 2022 – Adult Cardiac

## In Person

## Virtual Pass

• In-person sessions with live Q&A	✓	
• On-demand content (available mid-October)	✓	✓
• Recorded archive of in-person sessions (available mid-November)	✓	✓
• Breakfast, lunch, and refreshment breaks	✓	
• Personal interactions and networking with peers	✓	
• Networking Reception with speakers, vendors, and colleagues	✓	
• Face-to-face time with exhibitors	✓	
• Complete exhibitor listing	✓	✓
• Exhibit Hall giveaways and Passport to Prizes	✓	
• AQO Hot Topics Webinar (in January)	✓	✓
• Digital conference materials (PowerPoint presentations, handouts, and case scenarios)	✓	✓
• Opportunity to view and vote on your favorite e-poster	✓	✓
• Continuing Education/CEU Credits	✓	✓
• Explore the sights and sounds of Providence, Rhode Island	✓	

The Virtual Pass  
will  
NOT  
have live  
streaming





**The Society  
of Thoracic  
Surgeons**

**ADVANCES IN QUALITY & OUTCOMES:  
A Data Managers Meeting**  
October 26-28, 2022 ■ PROVIDENCE, RI



- Educational sessions and social events will take place at the Rhode Island Convention Center (1 Sabin St, Providence, RI 02903).
- A block of rooms have been reserved at the Omni Providence Hotel (1 West Exchange St., Providence, RI 02903). The special AQO group rate of \$259, plus state and local taxes, is guaranteed through **Tuesday, October 4**, or until the group block is sold out.
- [Reserve online](#)
- Call 401-598-8000. Be sure to reference “AQO” or “Advances in Quality and Outcomes.”



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# Preliminary Program Topics

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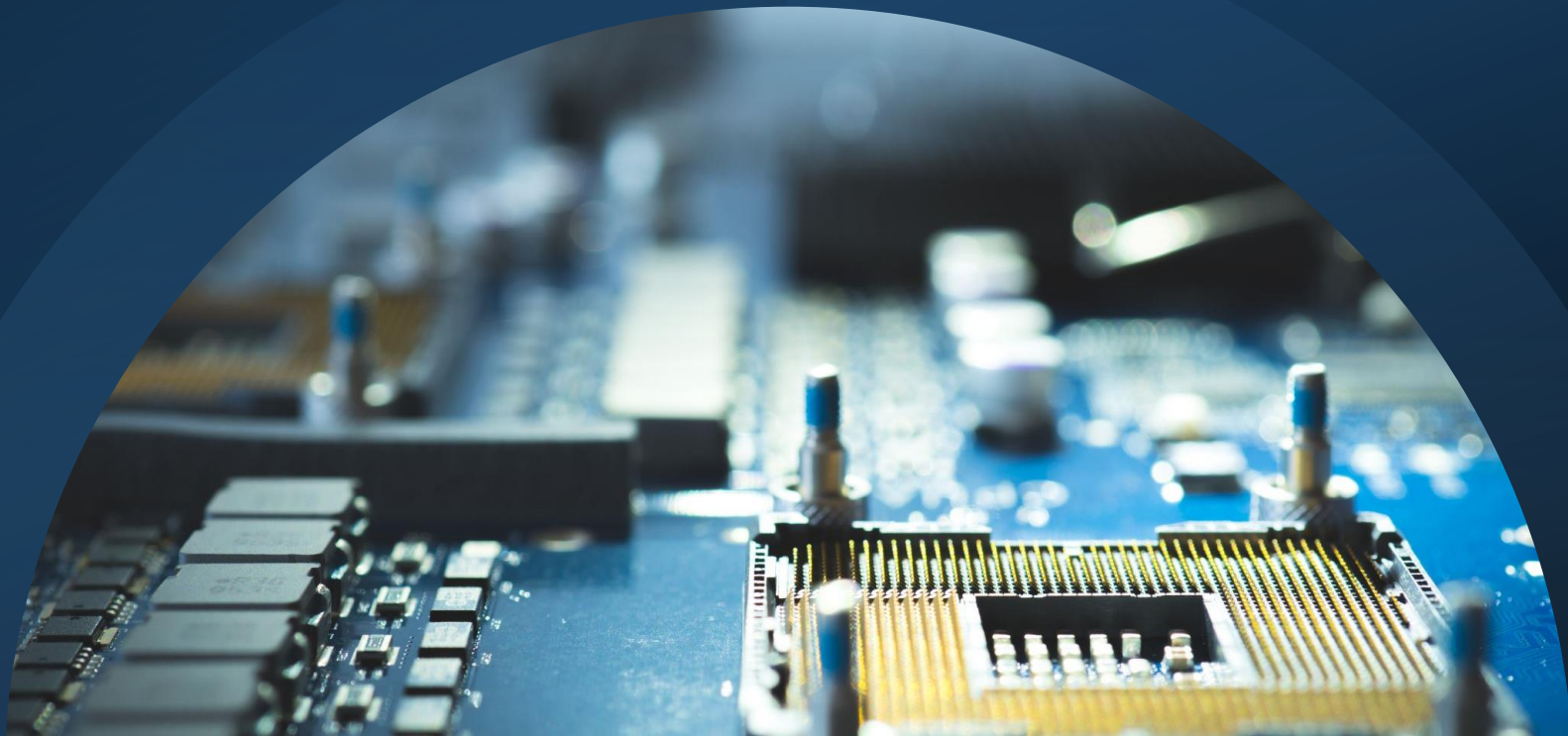
- Aorta/Arch/Debranching
- AVR with Annular Enlargements
- MV Procedures
- CABG Anastomoses
- Devices: VAD, ECMO, Impellas
- Databases in Value Based Care
- TVT Registry
- Cath/Echo

AQO is Going Green!



# IQVIA Update

## Joe Brower



# IQVIA Update

**The below items are targeted for an upcoming release**

The **ACSD Participant Non-Analyzed Dashboard** is undergoing enhancements where new variables will be displayed on the report.

**Phase 1 will include updates to the following sections:**

- Post Operative Events
- Risk Factors
- Preoperative Cardiac Status
- Coronary Bypass
- Preoperative Medications
- Discharge Mortality

# IQVIA Update

The below items are targeted for an upcoming release

## **ACSD Participant Non-Analyzed Dashboard Enhancements**

### **Additional updates will include:**

The report parameter drop down menu will be updated to display the harvest dates in the pre-defined menu.

- Please Note: No change to the manual data entry option, users can enter custom dates to generate the report.

# IQVIA Update

**The below items are targeted for an upcoming release  
ACSD Risk Adjusted Dashboard Enhancements**

## **Updates will include:**

Reformatting of the report to correct items noted below:

- The truncation of data displayed in columns on the UI and on the exported report
- The truncation of data on the bottom of impacted pages on the exported report



# IQVIA Update

Please note:

Submitted tickets are currently under review and the IQVIA support team will follow up on resolution and/or target release confirmation.

The IQVIA Team is currently reviewing items that will be released in an upcoming release. Those items will be posted to the Notifications section once released.



STS Education for  
September:  
Postoperative Stroke

# SEQ 6810 Post-op Stroke

The intent is to capture whether the patient has a postoperative stroke that was confirmed on imaging

**OR**

did not resolve within 24 hours.

Update Aug 2022 – The Neurologist is the final arbitrator when there are differences in opinion as to if a stroke occurred.



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## SEQ 6810 Post-op Stroke

There are two forms of stroke:

- Ischemic - Blockage of a blood vessel supplying the brain. Includes embolic.
- Hemorrhagic - Bleeding into or around the brain. Also known as Intracerebral hemorrhage (ICH) or cerebral bleed.

Neurological deficits such as confusion, delirium and/or encephalopathic (anoxic or metabolic) events are not to be coded in this field.

## SEQ 6810 Post-op Stroke

The symptoms of a stroke include:

- Sudden numbness or weakness, especially on one side of the body
- Sudden confusion or trouble speaking or understanding speech
- Sudden trouble seeing in one or both eyes
- Sudden trouble with walking, dizziness, or loss of balance or coordination
- Sudden severe headache with no known cause



# Question #1

Patient "has new focal deficit of the right hand with weakness" documented at 0741.

MRI done show acute infarcts. Embolic phenomena is suspected."

Patient left AMA the same day. No neurology consult. Would this be captured as a stroke?

- A. Yes
- B. No
- C. Unsure





# Answer #1

Patient "has new focal deficit of the right hand with weakness" documented at 0741.

MRI done show acute infarcts. Embolic phenomena is suspected."

Patient left AMA the same day. No neurology consult. Would this be captured as a stroke?

**A. Yes**

B. No

C. Unsure

*Stroke was confirmed on imaging*



## Question #2

On post-op day #1. patient c/o sudden onset numbness and heaviness in the right side of this tongue and mouth and difficulty speaking.

Patient went for CT which did not show any acute areas of hemorrhage or areas of infarct. Neurologist states that patient was not a candidate for tPA or IA.

Symptoms resolved within 2 hours

Is this coded as a stroke?

- A. Yes
- B. No
- C. Unsure



## Answer #2

On post-op day #1. patient c/o sudden onset numbness and heaviness in the right side of this tongue and mouth and difficulty speaking.

Patient went for CT which did not show any acute areas of hemorrhage or areas of infarct. Neurologist states that patient was not a candidate for tPA or IA.

Symptoms resolved within 2 hours

Is this coded as a stroke?

A. Yes

**B. No**

C. Unsure

*No positive imaging and symptoms did not last > 24 hours*

*We do not capture TIA in V 4.2*



## Question #3

A patient had a Coronary Artery Bypass (CAB) and Carotid Artery Endarterectomy (CEA) done by a cardiac surgeon and a vascular surgeon. The patient had a stroke post-op that was confirmed on imaging, however, it was documented in the progress notes that the stroke was from the CEA. Do I code this as a post-op stroke?

- A. Yes
- B. No
- C. Unsure



## Answer #3

A patient had a Coronary Artery Bypass (CAB) and Carotid Artery Endarterectomy (CEA) done by a cardiac surgeon and a vascular surgeon. The patient had a stroke post-op that was confirmed on imaging, however, it was documented in the progress notes that the stroke was from the CEA. Do I code this as a post-op stroke?

- A. Yes
- B. No
- C. Unsure

*Patient had post-op stroke*  
*Stroke was confirmed on imaging*



## Question #4

POD#2, patient developed aphasia and confusion post narcotic administration. Code Stroke called.

MRI showed tiny acute infarct in the right high parietal lobe. Pt's symptoms completely resolved in less than 24 hours.

Neurologist noted that aphasia likely associated with narcotic administration; tiny asymptomatic high right parietal infarct.

Does this still have to be coded as post-op stroke?

- A. Yes
- B. No
- C. Unsure





# Answer #4

POD#2, patient developed aphasia and confusion post narcotic administration. Code Stroke called.

MRI showed tiny acute infarct in the right high parietal lobe. Pt's symptoms completely resolved in less than 24 hours.

Neurologist noted that aphasia likely associated with narcotic administration; tiny asymptomatic high right parietal infarct.

Does this still have to be coded as post-op stroke?

**A. Yes**

B. No

C. Unsure

*Stroke was confirmed on imaging*



## Question #5

We recently had a patient that had speech difficulty and episodes of aphasia for 48-72 hours post-op. CT scan was negative. Neurologist states it was a stroke. CT surgeon feels it was not a stroke. Do I code as a stroke?

- A. Yes
- B. No
- C. Unsure



## Answer #5

We recently had a patient that had speech difficulty and episodes of aphasia for 48-72 hours post-op. CT scan was negative. Neurologist states it was a stroke. CT surgeon feels it was not a stroke. Do I code as a stroke?

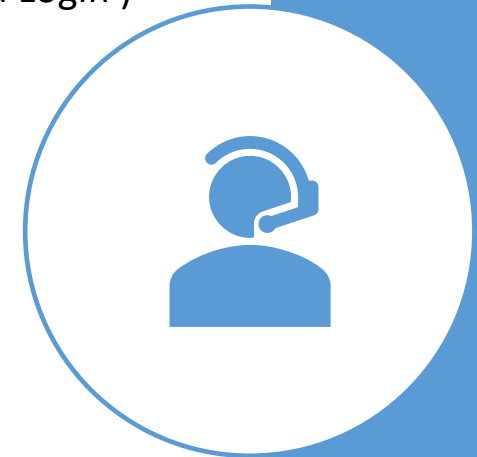
- A. Yes
- B. No
- C. Unsure

*Symptoms did not resolve within 24 hours*

*Update Aug 2022 – The Neurologist is the final arbitrator when there are differences in opinion as to if a stroke occurred*

# Resources

- [STS National Database Webpage](#)
- [ACSDTechSupport@IQVIA.com](mailto:ACSDTechSupport@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

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- Database Operational Questions
  - [STSDB@sts.org](mailto:STSDB@sts.org)



# Open Discussion

Please use the  
raise-hand  
function.

Please use the  
Q&A Function.

We will answer as  
many questions as  
possible.

We encourage  
your feedback and  
want to hear from  
you!