

Advances in Quality & Outcomes: A Data Managers Meeting

October 18-20, 2017

Palmer House

Chicago, IL

AQO Meeting Materials

Education materials provided at the AQO Meeting are for the personal and noncommercial use of an individual participant. These materials may not be reproduced, published, adapted, or distributed without the prior written consent of STS.

Individual power outlets are not available in meeting rooms, nor is wireless internet. For safety reasons, power cords will not be allowed to span aisles or walkways at any time.

Onsite Registration – Grand Ballroom Foyer

Tuesday, October 17	4:00 p.m. – 7:00 p.m.
Wednesday, October 18	7:00 a.m. – 5:00 p.m.
Thursday, October 19	7:00 a.m. – 5:00 p.m.
Friday, October 20	7:00 a.m. – 10:30 a.m.

Exhibits & Hours – State Ballroom

Several vendors will exhibit their Database-related products and applications. This unique opportunity will allow attendees to compare and contrast product options while learning about the latest in software, technology, and other equipment.

Wednesday, October 18	7:30 a.m. – 3:00 p.m.
Thursday, October 19	7:30 a.m. – 3:30 p.m.
Friday, October 20	7:30 a.m. – 12:00 p.m.

Business Casual Attire

While we will do our best to have hotel staff maintain a comfortable temperature within the meeting rooms, we suggest that you dress in layers to accommodate temperature variations within the hotel.

STS National Database Participants Can Display a Special Logo

If you're a participant in the STS National Database, you can download a special participant logo, free of charge, to promote your active participation in the Database. You can use the logo on your website, reports, PowerPoints, business cards, or even press releases to announce your participation. Participants who wish to use the logo must agree to the STS National Database Participant Logo Usage License Agreement. For more information, visit www.sts.org/license-database-logo or contact Jennifer Bagley at jbagley@sts.org.

Become an Associate Member and Save

Not currently an STS member? Apply for membership to start receiving great benefits, including reduced registration rates for AQO and the STS Annual Meeting, discounted fees for participation in the STS National Database, and more. To learn more about membership, visit www.sts.org/associate-membership.

Continuing Education Credit

Requirements for Contact Hours:

To receive continuing nursing education credit, you must attend and evaluate all presentations in a specific session. Credit will not be awarded for overlapping sessions. Please refer to credit designation below.

Non-Endorsement of Products:

Accreditation of activities for contact hours does not imply the approval or endorsement of any product, advertising, or educational content by STS, Corexcel, or the ANCC's Commission on Accreditation.

Conflict of Interest Disclosures:

Conflicts of interest disclosed by speakers, planning committee members, and others involved in the planning and implementation of the STS AQO Meeting can be found in this notebook.

Off-Label Discussions:

Any discussion of off-label use of pharmaceutical agents or non-FDA-approved devices has been disclosed by the speakers and is listed in this notebook. Any incidental discussion of such issues will be made known by the speaker during the presentation.

Certificates:

Continuing education records for STS AQO attendees are kept for a period of 7 years.

Accreditation:

This educational activity is co-provided by STS and Corexcel.

Corexcel is accredited as a provider of continuing nursing education by the ANCC's Commission on Accreditation.

Corexcel designates this educational activity for a maximum of XXX nursing contact hours as follows:

*Wednesday, October 18, **General Thoracic Surgery Database: XXX***

*Wednesday, October 18, **Congenital Heart Surgery Database: XXX***

*Thursday, October 19, **General Session: XXX***

*Thursday, October 19 & Friday, October 20, **Adult Cardiac Surgery Database: XXX***

STS urges all participants to be aware of their own state board or certifying agency continuing education and/or certification requirements, particularly in regard to the length of time a certificate must be kept by the learner.

Perfusionist CEUs

The American Board of Cardiovascular Perfusion (ABCP) has approved this activity for Category I Recertification CEUs as follows:

Wednesday, October 18: XXX

Thursday, October 19: XXX

Friday, October 20: XXX

The maximum number of CEUs that may be claimed by perfusionists for the STS Advances in Quality & Outcomes conference is **TBD**. Perfusionists should only claim credit commensurate with the extent of their participation in the activity. *In order to claim credit, perfusionists must sign a sign-in sheet at the registration desk for each day they attend.*

Wednesday, October 18, 2017
General Thoracic Surgery Database
(concurrent session)

This session will focus on the General Thoracic Surgery Database (GTSD) and examine how to improve data collection and advance participant database coding skills in the GTSD. The session will use a case-based learning format.

Objectives: Upon completion of the GTSD session, participants will be able to:

- Explain the staging, diagnoses, surgical procedures, and complication abstraction and coding for lung and esophageal cancer cases;
- Describe star ratings for lobectomy;
- Summarize how to use the Data Quality Report to improve data quality and completeness; and
- Identify the data components of the risk model.

Participation through an audience-response system will be utilized for presentations when applicable.

7:00 a.m. *Continental Breakfast*

7:00 a.m. **New General Thoracic Data Managers Session (*optional*)**

8:00 a.m. **Welcome & Announcements**

8:15 a.m. **Version Upgrade**

9:15 a.m. **Star Ratings & Long-Term Follow-Up**

9:30 a.m. **Lung Cancer Staging**

10:00 a.m. *Break – Please visit exhibits!*

10:30 a.m. **Lung Cancer Resection**

11:00 a.m. **Lung Cancer Case Studies**

11:15 a.m. **Thymus/Trachea**

- 11:45 a.m. Thymus/Trachea Case Studies**
- 12:00 p.m. *Lunch Provided***
- 1:00 p.m. Esophageal Staging**
- 1:30 p.m. Esophageal Resection**
- 2:00 p.m. Esophageal Case Studies**
- 2:15 p.m. Data Quality Report**
- 2:30 p.m. Audit**
- 2:45 p.m. Risk Model**
- 3:00 p.m. *Break – Please visit exhibits!***
- 3:30 p.m. Case Scenario Jeopardy Competition**
- 4:30 p.m. Open Forum Q&A**
- 5:00 p.m. Session Adjourns**
- 5:15 p.m. *Networking Reception***
All conference attendees are welcome to attend!
Cash bar

Wednesday, October 18, 2017
Congenital Heart Surgery Database
(concurrent session)

This session will focus on the Congenital Heart Surgery Database (CHSD), examining how to improve data collection, increase knowledge, and advance the participant's database abstraction and coding skills in the CHSD. The session will use a case-based learning format.

Objectives: Upon completion of the CHSD session, participants will be able to:

- Summarize the anesthesia section of the CHSD;
- Discuss and code double outlet right ventricle (DORV) procedures;

- Define the anatomy and physiology in DORV;
- Discuss and code combined aortic arch anomalies; and
- Explain the use of the Data Quality Report (DQR).

Participation through an audience-response system will be utilized for presentations when applicable.

7:00 a.m. Continental Breakfast

7:30 a.m. New Congenital Data Managers Session (optional)

8:30 a.m. Welcome & Announcements

8:45 a.m. Progress Report on the Next Database Upgrade for 2019

9:15 a.m. Anesthesiology Module

10:00 a.m. Break – Please visit exhibits!

10:30 a.m. Audit

11:00 a.m. Worst Coded Cases – Scenario Presentation

12:00 p.m. Lunch Provided

1:00 p.m. DORV: Morphology, Physiology, and Surgical Options

1:30 p.m. DORV Case Studies

2:00 p.m. Abstract Presentation: Understanding Your STS Congenital DQR and Analysis Report – Improving Your Data / Improving Your Outcomes

2:30 p.m. How to Interpret & Use Your Data Quality Report

3:00 p.m. Break – Please visit exhibits!

3:30 p.m. Aortic Arch Anomalies: Morphology, Physiology, and Surgical Options for Isolated and Combined Anomalies

4:00 p.m. Aortic Arch Anomalies Case Studies

4:30 p.m. Public Reporting and Beyond: STS Data and US News, etc.

5:00 p.m. Session Adjourns

5:15 p.m. *Networking Reception*

All conference attendees are welcome to attend!
Cash bar

Thursday Morning, October 19, 2017

General Session

Thursday morning's General Session will provide participants with important updates about current and future STS National Database initiatives and essential Database operations information.

Objectives: Upon completion of the General Session, participants will be able to:

- Describe uses of the STS National Database for quality improvement; and
- Discuss upcoming data harvesting and reporting initiatives.

7:00 a.m. *Continental Breakfast*

7:00 a.m. New Adult Cardiac Data Managers (optional)

8:00 a.m. Welcome and Announcements

8:15 a.m. Data Manager Survey

8:35 a.m. The Importance of Data: The Sine Qua Non of Performance Improvement

9:00 a.m. Informatics

9:15 a.m. *Break – Please visit exhibits and posters!*

9:45 a.m. Importance of Database Operations

10:00 a.m. Dashboard & Continuous Harvest

10:30 a.m. Open Q&A

10:40 a.m. Presidential Address

11:00 a.m. Session Adjourns

11:00 a.m. Lunch Provided

Thursday Afternoon, October 19, 2017

Adult Cardiac Surgery Database

Thursday afternoon and Friday will focus solely on the Adult Cardiac Surgery Database (ACSD) and examine how to improve data collection and advance participants' database coding skills in the upgraded version 2.9 of the ACSD that became effective July 1, 2017. The sessions will provide information about changes in the scope of cardiothoracic surgery practice.

Objectives: Upon completion of the ACSD sessions, participants will be able to:

- Describe conditions of the aorta and new aorta data collection elements;
- Define classification of COPD, heart failure, and liver disease;
- Identify the relationship between the risk model and outcomes;
- Describe the Maze procedure and guidelines for treatment of atrial fibrillation;
- Summarize changes in version 2.9 of the ACSD; and
- Discuss abstraction of the anesthesia section of the data collection form (DCF).

Participation through an audience-response system will be utilized for presentations when applicable.

12:00 p.m. Welcome and Announcements

12:05 p.m. STS/ACC TVT Registry™

12:45 p.m. Risk Model & Impact of Fields for Outcomes

1:30 p.m. Afib/Maze Procedure

2:15 p.m. Break – Please visit exhibits and posters!

2:45 p.m. Classifying COPD/Heart Failure/Liver Disease

3:30 p.m. Hemodynamics/Echo/Diagnostics

4:15 p.m. Version 2.9

4:45 p.m. STS/SCA Database Anesthesia

5:15 p.m. Session Adjourns

Friday, October 20, 2017
Adult Cardiac Surgery Database

7:00 a.m. Continental Breakfast

8:00 a.m. Aorta Part 1

8:45 a.m. Aorta Part 2

9:30 a.m. Mitral Valve

10:15 a.m. Break – Please visit exhibits!

10:45 a.m. Perfusion

11:15 a.m. Practical Perspective of the Importance of the Database

11:45 a.m. What Data Managers Want to Know

12:15 p.m. Meeting Adjourns