



AQO Program

Course Description

The 2024 Advances in Quality & Outcomes (AQO): A Data Managers Meeting features sessions for all four components of the STS National Database. This year’s meeting will be in Nashville, Tennessee from Wednesday, September 11 – Friday, September 13, 2024. Data managers and surgeon leaders will come together to share valuable research and best practices with the goal of improving data collection and patient outcomes.

This meeting includes live sessions in Nashville, TN at scheduled times and recorded programs that you can watch at your convenience. Speakers will offer the latest information about the Database, including version upgrades and new features, as well as provide timely tips on improving data collection and abstraction. Plus, you can review e-posters, take part in a special networking event, and meet with industry representatives in the exhibit hall.

Wednesday, September 11, 8:00 a.m. – 5:00 p.m.
Intermacs/Pedimacs – Blackbird Studio A/B

This program will focus on the Intermacs Database and its Pedimacs component, reflecting changes in the scope of mechanical circulatory support device implants and patient management. Sessions are designed to help participants improve data collection and advance their registry coding skills, using a case-based learning format.

Moderators: Nancy Honeycutt, BSN, RN, and Patricia Potter, BSN, RN

7:00 a.m. – 8:00 a.m.	Breakfast in Symphony Ballroom I
8:00 a.m. – 8:05 a.m.	Welcome Nancy Honeycutt, BSN, RN, and Patricia Potter, BSN, RN
8:05 a.m. – 8:30 a.m.	Intermacs/Pedimacs High-Level Overview Francis D. Pagani, MD, PhD
8:30 a.m. – 9:00 a.m.	Temporary Mechanical Support for the Treatment of Right Heart Failure Aniket S. Rali, MD, FCCP, FACC
9:00 a.m. – 9:20 a.m.	Heart Failure Temporary Support Devices: Case Scenarios Sylvia M. Laudun, DNP, MBA, RN
9:20 a.m. – 10:00 a.m.	Major Infections: Case Scenarios Sheena Lamon, BSN, RN
10:00 a.m. – 10:30 a.m.	Break in Foyer of the Symphony Ballroom
10:30 a.m. – 11:00 a.m.	Neurological Dysfunction: Case Scenarios Neelam Tejpal, MS, CCRP, and Patricia Potter, BSN, RN

11:00 a.m. – 12:00 p.m.	Patient Journey Rebecca S. Harap, BSN, RN-BC, Sylvia M. Laudun, DNP, MBA, RN, and Carmelita Runyan, MSN, RN-BC, CCRN
12:00 p.m. – 1:00 p.m.	Lunch in Symphony Ballroom I
1:00 p.m. – 1:05 p.m.	Presentation – 2024 Sherri Ann Wissman Memorial Excellence Award Nancy Honeycutt, BSN, RN, and Patricia Potter, BSN, RN
1:05 p.m. – 1:35 p.m.	Risk Model Overview James K. Kirklin, MD
1:35 p.m. – 2:00 p.m.	Risk Model Variable Deep Dive Brandon A. Singletary, PhD, MPH
2:00 pm. – 2:30 p.m.	Risk Model: Case Scenarios Nancy Honeycutt, BSN, RN, and Patricia Potter, BSN, RN
2:30 p.m. – 3:00 p.m.	Dashboard and Kaplan-Meier Tool Brandon A. Singletary, PhD, MPH
3:00 p.m. – 3:30 p.m.	Break in Foyer of the Symphony Ballroom
3:30 p.m. – 4:00 p.m.	Live Data Download - Tips & Tricks Devin Koehl, MSDS
4:00 p.m. – 4:30 p.m.	Abstraction Strategies Rebecca S. Harap, BSN, RN-BC
4:30 p.m. – 5:00 p.m.	Quality Improvement & How to Use Your Data Marie Wilson, MSHQS, MSN, RN
5:00 p.m.	Session Adjourns

On-Demand Content

Pedimacs: An Overview of Patient Entry & Common Case Scenarios
Kerry Schindler, MSN, RN, CCRN-K

Data Quality Report Verification Process
Sheila Bailey, BSN, RN

Querying Your Data for QA Initiatives
John K. Pennington, MSHI

Death, Explant, and Transfers – Oh My!
Sylvia M. Laudun, DNP, MBA, RN

Wednesday, September 11, 8:00 a.m. – 5:00 p.m. General Thoracic Surgery Database (GTSD) – Symphony Ballroom II & III

This program will focus on the GTSD, helping participants to improve data collection and advance registry coding skills. Sessions will use a case-based learning format.

Moderators: Leigh Ann Jones, BS, and Ruth Raleigh, BSN, RN

7:00 a.m. – 8:00 a.m.	Breakfast in Symphony Ballroom I
8:00 a.m. – 8:10 a.m.	Welcome Christopher W. Seder, MD
8:10 a.m. – 8:50 a.m.	How to Interpret Your Harvest Report, Analysis Overview, and Star Ratings Mary Elise Hollenbeck, BSN, RN
8:50 a.m. – 9:20 a.m.	Lung Cancer Justin Blasberg, MD
9:20 a.m. – 10:00 a.m.	Lung Cancer: Case Scenarios Katie Lothrop
10:00 a.m. – 10:30 a.m.	Break in Foyer of the Symphony Ballroom
10:30 a.m. – 11:00 a.m.	Neoadjuvant Therapy Module Stephen R. Broderick, MD, MPHS
11:00 a.m. – 11:30 a.m.	GTSD Revised Risk Models and Short & Long Term Risk Calculators Christopher W. Seder, MD
11:30 a.m. – 12:00 p.m.	Division of Responsibility: Data Manager vs. Surgeon Leader Erin McCabe, BSN, RN, and Christopher W. Seder, MD
12:00 p.m. – 1:00 p.m.	Lunch in Symphony Ballroom I
1:00 p.m. – 1:30 p.m.	Core Group: Behind the Scenes with Tough Cases Mary Elise Hollenbeck, BSN, RN, Kellie Knabe, MSN, RN, CCRN, Katie Lothrop, Erin McCabe, BSN, RN Ruth Raleigh, BSN, RN, and Sue Schneeberger
1:30 p.m. – 1:55 p.m.	Esophageal Cancer Matthew Inra, MD
1:55 p.m. – 2:20 p.m.	Esophageal Cancer: Case Scenarios Ruth Raleigh, BSN, RN
2:20 p.m. – 2:40 p.m.	Post-Operative Events David D. Shersher, MD, FACS
2:40 p.m. – 3:00 p.m.	Post-Operative Events: Case Scenarios Kellie Knabe, MSN, RN, CCRN

3:00 p.m. – 3:30 p.m.	Break in Foyer of the Symphony Ballroom
3:30 p.m. – 4:00 p.m.	GTSD Audit William Burfeind Jr., MD
4:00 p.m. – 4:30 p.m.	Pulmonary Function Tests Ruth Raleigh, BSN, RN
4:30 p.m. – 5:00 p.m.	How to Use My Data for Quality Improvement Kiran Lagisetty, MD, and Mary Elise Hollenbeck, BSN, RN
5:00 p.m.	Session Adjourns

On-Demand Content

Hital Hernia
Elliot L. Servais, MD

Tracheal Resection
Gillian C. Alex, MD

Mediastinal Mass
Jeffrey Velotta, MD, FACS

Achieving Commission on Cancer Operative Standard 5.8 for Primary Lung Cancer Resections
Brian J. Green, BSN, RN

Thursday, September 12, 8:00 a.m. – 5:00 p.m. Adult Cardiac Surgery Database (ACSD) – Symphony Ballroom II & III

This program will focus on the ACSD, offering updates on the scope of cardiothoracic surgery practice and helping participants improve data collection and advance registry abstraction and coding skills.

Moderators: Carole Krohn, MPH, BSN, RN, LSSBG, Nancy Honeycutt, BSN, RN, and Melinda Offer, MSN, RN

7:00 a.m. – 8:00 a.m.	Breakfast in Symphony Ballroom I
8:00 a.m. – 8:05 a.m.	Welcome Carole Krohn, MPH, BSN, RN, LSSBG
8:05 a.m. – 8:40 a.m.	Adult Cardiac High-Level Overview Michael E. Bowdish, MD, MS
8:40 a.m. – 9:10 a.m.	Beta Blocker Project Miklos D. Kertai, MD, MMHC, PhD
9:10 a.m. – 9:40 a.m.	Anonymous Anomalous Glenn J. R. Whitman, MD
9:40 a.m. – 10:00 a.m.	Anonymous Anomalous: Case Scenarios Melinda Offer, MSN, RN

10:00 a.m. – 10:30 a.m.	Break in Foyer of the Symphony Ballroom
10:30 a.m. – 11:10 a.m.	Get to the Root: Anatomy of Root Operations Karen Kim, MD, MS
11:10 a.m. – 11:45 a.m.	Abstract Presentations Part I Discussants: Michael E. Bowdish, MD, MS, and Karen Kim, MD, MS Improving Performance through Better Medical Record Management Karen Nelson, RN, and Amber Edwards, MD Strategies to Decrease Prolonged Ventilation in Isolated Coronary Artery Bypass Graft Patients Diana Alexander, MSN, RN, CCRN, Jana Carlton, BS, RRT, RRT-ACCS, and Golda Cabanban, MSN, RN Taking Steps To Breathe Easier Meg E. Gleason, BSN, RN, and Lisa Grelecki, BSN, RN
11:45 a.m. – 1:00 p.m.	Lunch in Symphony Ballroom I
1:00 p.m. – 1:30 p.m.	Abstract Presentations Part II Discussants: Michael E. Bowdish, MD, MS, and Dawn Hui, MD Data Driven Improvement of Early Extubation Times Kerry Webb, MBA, BSN, RN Leveraging Data & Collaboration in a University of California Cardiac Surgery Consortium Nancy Satou, RN Surgical Allogeneic Transfusion Results from First 100 Consecutive Coronary Artery Bypass Grafting (CABG) Procedures at a Rural, Curated, Open-Heart Surgery Program, An Observational Cohort Report Kim Williams, Drew Wegert, CST
1:30 p.m. – 2:20 p.m.	Anatomy & Dissection of the Op Note Kali Carroll, RN, and Dawn Hui, MD
2:20 p.m. – 3:20 p.m.	JAM with Post-Op Events Amy Lantzy, MS, RN, Meetal Mahendrakar, MBBS, MS, CCP, and Judy Smith, RN
3:20 p.m. – 3:50 p.m.	Break in Foyer of the Symphony Ballroom
3:50 p.m. – 3:55 p.m.	Presentation – 2024 Dorothy Latham Poster Award Carole Krohn, MPH, BSN, RN, LSSBG
3:55 p.m. – 4:55 p.m.	Get to the Root: Root Case Scenarios Kali Carroll, RN, and Nancy Honeycutt, BSN, RN
4:55 p.m. – 5:35 p.m.	Don't Let Your Follow-Up Fall Off the Tracks Nancy Honeycutt, BSN, RN, Carole Krohn, MPH, BSN, RN, LSSBG, and Melinda Offer, MSN, RN
5:35 p.m.	Session Adjourns

5:35 p.m. – 6:35 p.m. Networking Reception in Starstruck Foyer

On-Demand Content

CMS Reimbursement Update
Keith A. Horvath, MD

Cardiac-ERAS
Kevin W. Lobdell, MD

Annual Enlargement
Amy Geltz, MS, RN

O:E Ratios
Judy Smith, RN

IQVIA Reports of All Sorts
Carole Krohn, MPH, BSN, RN, LSSBG

Aorta – Anatomy & Physiology
Karen Kim, MD, MS

Honing in on Hemodynamic Measurements
Melinda Offer, MSN, RN

Gridding the Graft Grid
Gaetano Paone, MD, and Patricia Theurer, MSN, RN

Friday, September 13 8:00 a.m. – 5:30 p.m.
Congenital Heart Surgery Database (CHSD) – Symphony Ballroom II & III

This program will focus on the CHSD, helping participants improve data collection and advance registry abstraction and coding skills. The sessions will use a case-based learning format.

Moderators: Leigh Ann Jones, BS, Leslie L. Wacker, BS, and Chasity Wellnitz, MPH, BSN, RN

7:00 a.m. – 8:00 a.m. Breakfast in Symphony Ballroom I

8:00 a.m. – 8:25 a.m. Welcome and CHSD High-Level Overview
Ram Kumar Subramanyan, MD, PhD

8:25 a.m. – 9:05 a.m. Education Corner
Leslie L. Wacker, BS, and Chasity Wellnitz, MPH, BSN, RN

9:05 a.m. – 9:35 a.m. Single Ventricle Hybrid Repair
John E. Mayer Jr., MD

9:35 a.m. – 10:00 a.m. Single Ventricle Hybrid Repair: Case Scenarios
Megan M. Srokose, BSN, RN

10:00 a.m. – 10:30 a.m.	Break in Foyer of the Symphony Ballroom
10:30 a.m. – 11:00 a.m.	Post-Operative Events: You've Got This! Cassandra Davidson, MHA, BSN, RN
11:00 a.m. – 11:30 a.m.	Impact of Case Mix and Risk Model in CHSD Ram Kumar Subramanyan, MD, PhD
11:30 a.m. – 12:00 p.m.	Operation Type Angela Ebel, MSN, RN, and Diane Hersey, BSN, RN
12:00 p.m. – 1:00 p.m.	Lunch in Symphony Ballroom I
1:00 p.m. – 1:45 p.m.	Coding Fields Specific to Adults Undergoing Surgery for Congenital Heart Disease Jennifer S. Nelson, MD, and Ram Kumar Subramanyan, MD, PhD
1:45 p.m. – 2:15 p.m.	Data Manager Strategies: What I Wish I Knew Before my First Harvest Ashley Dunser, BSN, RN, CPN, CCRN
2:15 p.m. – 3:00 p.m.	Coding a Complex Congenital Case Leslie L. Wacker, BS, and Chasity Wellnitz, MPH, BSN, RN
3:00 p.m. – 3:30 p.m.	Break in Foyer of the Symphony Ballroom
3:30 p.m. – 3:55 p.m.	AV Canal, Coding of All Valves Subhadra Shashidharan, MBBS
3:55 p.m. – 4:20 p.m.	AV Canal: Case Scenarios Ruth E. Lemus, BSN, RN, CCRP
4:20 p.m. – 5:00 p.m.	Driving Patient Outcomes Using Real-Time STS Data Erin Hunter-McPhan, BSN, RN, Timothe L'Heureux, MHA, Amanda McGlinchey, and Susana Reid, BSN, RN, CPN
5:00 – 5:30 p.m.	Core Group Panel Discussion Jody L. Holmen, RN, MBA, Ruth E. Lemus, BSN, RN, CCRP, Connie Nixon, RN, Rebecca Sam, MSN, RN, CPN, CCRN-K, Megan M. Srokose, BSN, RN, Leslie L. Wacker, BS, Carmen H. Watrin, MSN, RN, Chasity Wellnitz, MPH, BSN, RN
5:30 p.m.	Session Adjourns

On-Demand Content

CHSD Anesthesia
Morgan L. Brown, MD

CHSD Audit
James E. O'Brien, MD, FACS

CHSD Research
Pirooz Eghtesady, MD, PhD

Back to Basics

Chasity Wellnitz, MPH, BSN, RN, and Leslie L. Wacker, BS

Adult Congenital: Case Scenarios

Jody L. Holmen, RN, MBA

Coding of All Valves

Rebecca Sam, MSN, RN, CPN, CCRN-K

AQO Virtual Meeting Platform On-Demand Content General Session

President's Remarks

Jennifer Romano, MD, MS

Workforce on National Databases: High-Level Overview

Jeffrey P. Jacobs, MD, FACS, FACC, FCCP and Lisa M. Brown, MD, MAS, FACS

Patient Reported Outcomes

Lisa M. Brown, MD, MAS, FACS

Framework for Quality Improvement Processes Focused on Patient Safety

Madonna Lee, MD, and Monisha Sudarshan, MD, MPH

Questions?

- Elisa Robles-Gnet, Meetings and Conventions Manager, meetings@sts.org
- Emily Conrad, STS National Database Education Manager, econrad@sts.org

Program may be subject to change