



ADVANCES IN QUALITY & OUTCOMES: A Data Managers Meeting

September 26-28, 2018 • Loews Hollywood Hotel



2018 AQO Online Presentations

General Session

Welcome & Announcements

Donna E. McDonald, MPH, RN

President's Welcome

Keith S. Naunheim, MD

The Importance of Data: A Surgeon's Perspective

Mark S. Allen, MD

Educational Objectives: This talk will help participants:

- Summarize how data play a critical role in performance improvement;
- Discuss how data have been integral to assuring quality in cardiothoracic surgical care; and
- Describe ways that the STS National Database could be used in everyday clinical care.

Data Manager Survey

Susan M. Becker, MBA, RN-BC

Educational Objectives: This talk will help participants:

- Discuss the STS National Database 2018 Data Manager Survey results; and
- Compare previous survey results to the 2018 results.

Informatics

David W. Wormuth, MD

Educational Objectives: This talk will help participants:

- Discuss improvements in data transfer and management; and
- Describe interoperability challenges.

Blue Cross Blue Shield of Michigan at 20 Years: A Health Plan Perspective on the Opportunities Associated With Statewide Initiatives Utilizing Clinical Registries

Thomas Leyden, MBA

Educational Objectives: This talk will help participants:

- Describe the collaborative quality initiatives in Michigan that have led to patient outcomes improvement; and
- Explain the value of a statewide initiative utilizing clinical registries.

Congenital Heart Surgery Database

Welcome & Announcements

John E. Mayer Jr., MD and Jeffrey P. Jacobs, MD

Version Upgrade

Ram Kumar Subramanyan, MD, PhD

Educational Objectives: This talk will help participants:

- Identify and discuss key changes in the new version of the CHSD data collection form; and
- Explain the documenting of chromosomal and gene abnormalities in the new version of the data collection form.

Risk Model Upgrade

Jeffrey P. Jacobs, MD

Educational Objectives: This talk will help participants:

- Identify data components of the risk model; and
- Define the relationship between the risk model and outcomes.

Heterotaxy Syndrome: Surgeon Perspective

Ram Kumar Subramanyan, MD, PhD

Educational Objectives: This talk will help participants:

- Define the anatomy and physiology of heterotaxy syndrome; and
- Discuss the indications and outcomes of heterotaxy syndrome procedures.

Heterotaxy Syndrome: Data Manager Perspective

Ruth E. Lemus, BSN, RN, CCRP

Educational Objectives: This talk will help participants:

- Identify challenges in abstracting and coding heterotaxy syndrome cases; and
- Describe how to abstract and code heterotaxy syndrome cases within the CHSD.

Audit

David M. Overman, MD and Angela M. Ebel, MSN, RN

Educational Objectives: This talk will help participants:

- Explain the audit process for the CHSD; and
- Discuss the findings of the 2017 audit.

Anesthesiology Module

David F. Vener, MD

Educational Objectives: This talk will help participants:

- Summarize the changes in the CHSD anesthesia component; and
- Discuss the CHSD anesthesia component.

Public Reporting

Jeffrey P. Jacobs, MD

Educational Objectives: This talk will help participants:

- Summarize the STS Public Reporting initiative; and
- Discuss the ways that the CHSD is reported and used by other organizations and entities.

Basics of Operative Mortality and What Factors Into It

Jeffrey P. Jacobs, MD

Educational Objectives: This talk will help participants:

- Understand the complexity of operative mortality; and
- Identify how to abstract and code operative mortality.

Congenitally Corrected Transposition of the Great Arteries: Surgeon Perspective

John E. Mayer Jr., MD

Educational Objectives: This talk will help participants:

- Identify the anatomy and physiology of congenital corrected transposition of the great arteries (CCTGA); and
- Summarize the indications and outcomes of CCTGA procedures.

Congenitally Corrected Transposition of the Great Arteries: Data Manager Perspective

Leslie L. Wacker, BA

Educational Objectives: This talk will help participants:

- Identify challenges involved in abstracting CCTGA cases; and
- Describe how to abstract and code CCTGA procedures.

Building a Better Team through Trust, Education, Accountability, and Monitoring

Leslie L. Wacker, BA

Educational Objective: This talk will help participants:

- Identify a process to help improve audit scores.

Data Manager Deep Dive: Case Study

Chasity M. Wellnitz, MPH, BSN, RN

Educational Objectives: This talk will help participants:

- Explain how to code congenital heart surgical cases;
- Describe strategies used to code complex surgical cases.

Collecting Complications

Suzanne Strong, RN

Educational Objectives: This talk will help participants:

- Understand how to assign post-operative events.

Local Uses of Congenital Data

Chasity M. Wellnitz, MPH, BSN, RN and Andrea Kennedy, BS

Educational Objectives: This talk will help participants:

- Describe how to use STS data at your hospital for quality improvement.

Requesting Data from Duke: Data Request Process

Andrea T. Kennedy, BS

Educational Objectives: This talk will help participants:

- Identify how to utilize the minor data request process.

Next Steps... The Data Analysis Report

Chasity M. Wellnitz, MPH, BSN, RN

Educational Objectives: This talk will help participants:

- Identify areas of focus within the Data Analysis Report.

Ongoing Audits

Leslie L. Wacker, BA

Educational Objectives: This talk will help participants:

- Discuss methods to stay always audit ready.

Vlookup in Excel

Andrea T. Kennedy, BS

Educational Objectives: This talk will help participants:

- Explain how to use excel as an analysis tool.

Tips for a Successful Harvest

Ruth E. Lemus, BSN, RN, CCRP

Educational Objectives: This talk will help participants:

- Implement a process to successfully submit STS data during harvest.

It's Why You Pay Me

Leslie L. Wacker, BA

Educational Objectives: This talk will help participants:

- Identify how to engage the surgeon; and
- Describe a process to explain data field definitions to surgeons and administrative colleagues.

Congenital Jeopardy Competition

Chasity M. Wellnitz, MPH, BSN, RN

Educational Objectives: This talk will help participants:

- Discuss abstraction and coding of complex CHSD cases; and
- Describe strategies for data abstraction and coding of CHSD cases.

Adult Cardiac Surgery Database

Welcome and Announcements

Carole Krohn, BSN, RN

Regional Group

Jaelene K. Williams, MS, RN

Educational Objectives: This talk will help participants:

- Describe how to begin a regional group; and
- Explain the benefits of joining a regional group for peer-to-peer support and guidance related to data abstraction.

The New Isolated CABG Mortality Risk Model: What's IN, What's OUT

Patricia F. Theurer, MSN, RN, CRNFA

Educational Objectives: This talk will help participants:

- Discuss the Isolated CABG Mortality Risk Model; and
- Identify variables that are not included in the risk model due to missing data.

Unique Challenges in Assessing Mitral Valve Surgery Quality

Eleanor Huff, MSN, RN

Educational Objective: This talk will help participants:

- Discuss methods to determine the appropriate mitral valve procedure and identify unique organization trends.

Intermacs/Pedimacs

Kathryn Hollifield, BSN, RN

Educational Objectives: This talk will help participants:

- Describe the STS Intermacs and Pedimacs Databases for FDA-approved mechanical circulatory support devices to treat advanced heart failure; and
- Discuss the goals of the Intermacs and Pedimacs Databases.

Anesthesia

Karen M. Hardy, RHIA

Educational Objectives: This talk will help participants:

- Define the data abstraction and coding of the anesthesia component of the ACSD; and
- Identify updates/changes in the anesthesia section of the data collection form.

Perfusion – Aorta Procedures

Ann C. Guercio, MBA, CCP, LP

Educational Objectives: This talk will help participants:

- Discuss data abstraction related to the perfusion section of the data collection form; and
- Define strategies to improve accuracy of perfusion data collection for aortic procedures.

STS/ACC TVT Registry™

Nimesh D. Desai, MD, Joan Michaels, MSN, RN, CPHQ, and Carole Krohn, BSN, RN

Educational Objectives: This talk will help participants:

- Discuss the current findings of the TVT Registry; and
- Describe the relationship between STS and the TVT Registry.

Michigan Collaborative

Patricia F. Theurer, MSN, RN, CRNFA

Educational Objectives: This talk will help participants:

- List the ongoing quality improvement initiatives at a state level collaborative using the ACSD; and
- Describe outcomes achieved by the Michigan Collaborative.

Virginia Collaborative

Clifford E. Fonner, BA

Educational Objectives: This talk will help participants:

- List the ongoing quality improvement initiatives at a state level collaborative using the ACSD; and
- Describe outcomes achieved by the Virginia Collaborative.

Audit: Elements to Improve Upon

Richard S. D'Agostino, MD and Patricia F. Theurer, MSN, RN, CRNFA

Educational Objectives: This talk will help participants:

- Explain the audit process for the ACSD; and
- Discuss the findings of the 2017 audit.

Echo 101 and Hemodynamics

Andrea J. Carpenter, MD, PhD and Melinda Offer, MSN, RN

Educational Objectives: This talk will help participants:

- Summarize how to capture and code the hemodynamics, echo, and diagnostic sections of the Data Collection Form; and
- Analyze case scenarios for hemodynamics, echo, and diagnostics.

Twisting the Way through the Perplexity of Mazes

Vinay Badhwar, MD and Dorothy J. Latham, BSN, RN

Educational Objectives: This talk will help participants:

- Discuss the guidelines for surgical treatment of atrial fibrillation; and
- Describe the Maze procedure for treatment of atrial fibrillation.

Risk Models and Procedure Identification for Version 2.9

Jeffrey P. Jacobs, MD and Dorothy J. Latham, BSN, RN

Educational Objectives: This talk will help participants:

- Identify data components of the risk model; and
- Define the relationship between the risk model and outcomes.

Mitral Valve

Vinay Badhwar, MD and Dorothy J. Latham, BSN, RN

Educational Objectives: This talk will help participants:

- Explain mitral valve anatomy and physiology; and
- Discuss data abstraction related to the mitral valve section of the ACSD Data Collection Form.

Aorta: A Year in Review

Nimesh D. Desai, MD

Educational Objectives: This talk will help participants:

- Discuss updates to the data received in the past year using version 2.9 aortic data; and
- Describe the quality initiatives that will be developed with the version 2.9 aortic data.

Aorta Part 1: Bentall and Aortic Root

Ali Khoynzhad, MD, PhD and Dorothy J. Latham, BSN, RN

Educational Objectives: This talk will help participants:

- Explain aorta anatomy and physiology;
- Discuss data abstraction related to the aortic section of the ACSD Data Collection Form; and
- Analyze potential case scenarios related to a Bentall and procedure.

Aorta Part 2: Aortic Dissection

Michael E. Bowdish, MD and Jennifer Bobbitt, BSN, RN

Educational Objectives: This talk will help participants:

- Explain aorta anatomy and physiology;
- Discuss data abstraction related to the aortic section of the ACSD Data Collection Form; and
- Analyze potential case scenarios related to aortic dissection.

The Patient Transferred: Now What?

Andrea J. Carpenter, MD, PhD and Dorothy J. Latham, BSN, RN

Educational Objectives: This talk will help participants:

- Discuss the collection of data once the patient has been transferred; and
- Describe how to improve the follow-up completion of data to accurately reflect the state of the patient at their ultimate discharge status.

General Thoracic Surgery Database

Welcome and Announcements

Daniel Raymond, MD

v2.41 Lung Cancer: Procedure, How to Code, Clinical Information & OP Notes

David W. Wormuth, MD, Stephen R. Broderick, MD, and Ruth Raleigh, BSN, RN

Educational Objectives: This talk will help participants:

- Identify correct diagnosis and procedure codes;
- Describe how to code clinically and pathologically staged lung cancer cases;
- Discuss how to code complications following lung procedures;
- Recognize the various procedures performed for patients with lung cancer; and
- Detail how to accurately abstract and code difficult lung cancer cases.

Audit

Mitchell J. Magee, MD

Educational Objectives: This talk will help participants:

- Explain the audit process for the GTSD; and
- Discuss the findings of the 2017 audit.

v2.41 Esophageal Cancer: Procedure, How to Code, Clinical Information & OP Notes

Farhood Farjah, MD, MPH and Nichole Arcaro, DNP, MSN, RN

Educational Objectives: This talk will help participants:

- Identify the difference between clinical and pathological staging for esophageal cancer;
- Describe the surgical interventions for esophageal cancer;
- List the procedures performed for patients with esophageal cancer; and
- Discuss how to accurately abstract and code difficult esophageal cancer cases.

Thymus

Daniel Raymond, MD and Nichole Arcaro, DNP, MSN, RN

Educational Objectives: This talk will help participants:

- Discuss the anatomy and physiology of the thymus;
- Describe surgical strategies for the thymus; and
- Explain how to accurately abstract and code thymus and trachea cases.

GERD

Lisa M. Brown, MD, MAS and Susan M. Becker, MBA, RN-BC

Educational Objectives: This talk will help participants:

- Discuss surgical strategies for patients with gastroesophageal reflux disease; and
- Describe how to accurately abstract and code gastroesophageal reflux disease cases.