

Society of Thoracic Surgeons

Intermacs & Pedimacs
Quality Reporting Webinar

July 18, 2024



STS National Database™
Trusted. Transformed. Real-Time.

Intermacs Database Webinar

- Welcome and Introductions
- STS Updates
- Report Updates

AGENDA



The Intermacs Data Warehouse Team

Ryan Cantor, PhD, Chief Scientific Officer, Intermacs Data Warehouse

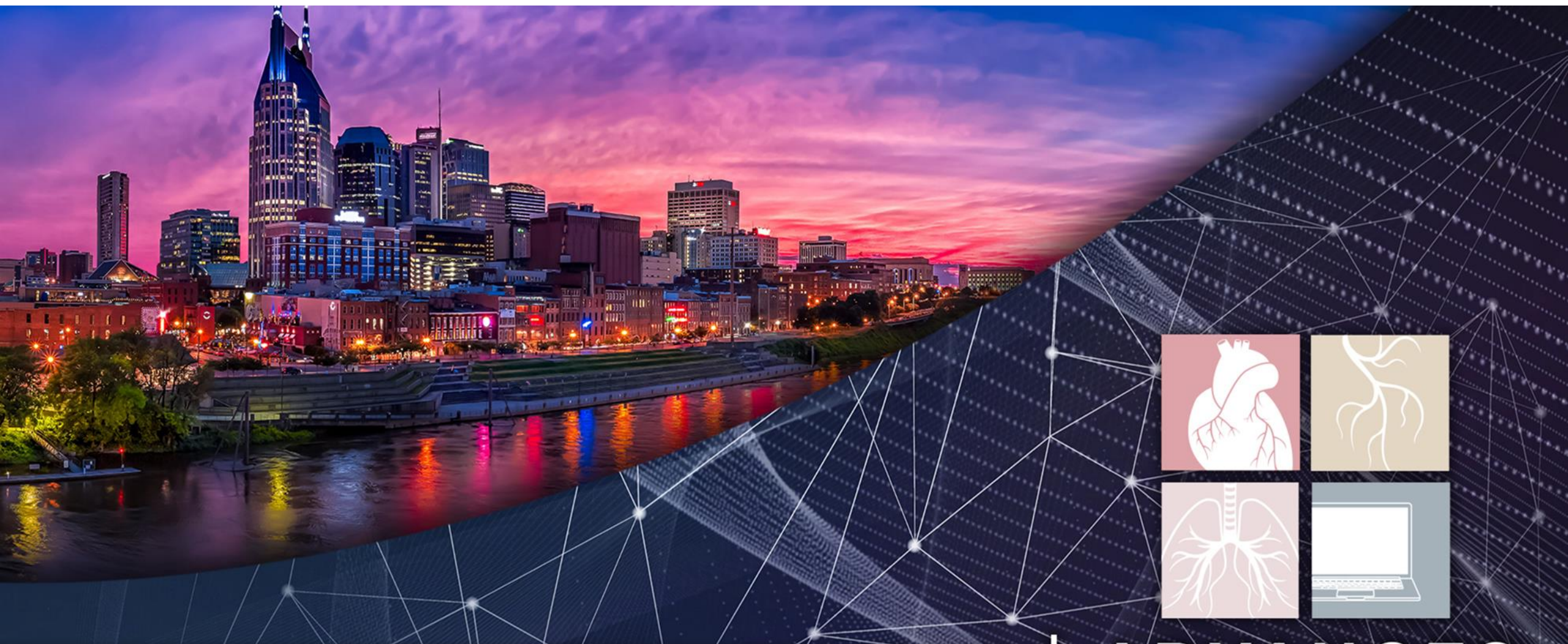
Brandon Singletary, PhD, Statistician III, Epidemiologist, Intermacs Data Warehouse

Rama Rudraraju, PhD, Director of Programming, Intermacs Data Warehouse

Maceo Cleggett, Clinical Data Analyst, Intermacs Data Warehouse

John Pennington, MSHI, Director of Data Management, Intermacs Data Warehouse





JOIN US IN MUSIC CITY!

September 11-13 Nashville, TN
Register at sts.org/AQO

**ADVANCES
IN QUALITY
& OUTCOMES:**
A Data Managers Meeting

Resources-Intermacros Reporting FAQ

- <https://intermacros.kirso.net/reports/reporting-faq/>

Kirclin Solutions - STS Intermacros

Home Administration ▾ Research ▾ Participation ▾ Intermacros Appendices Reports ▾ Pedimacs ▾ Contact Us

Intermacros Reporting FAQ

General Questions
Quality Assurance (QA) Cumulative and Recent Report
Data Quality (DQ) Report

General Questions

Who can obtain the quarterly statistical reports?
The Site Administrator (SA) is the only person who can view and download the report. If the SA cannot view the site reports or SAS datasets zip files then please contact Maceo Cleggett at intermacros@kirso-admin.net.

Quarterly Site Reports
Research SAS Datasets
Live Data/Form Downloads
Intermacros Reporting FAQ
Outcome Analytics



Resources-Intermacros Reporting FAQ

- General Questions
 - Who can obtain the quarterly statistical reports?
 - Where can I find the quarterly statistical reports and how do I download them?
 - How do I get my 8 digit passcode or why is my passcode not working?
 - How are duplicate entries or data entry mistakes, etc., removed?



AQO Registration is Open

Event

2024 Advances in Quality & Outcomes: A Data Managers Meeting

Discussions on valuable research and important clinical findings with the goal of improving data collection and patient outcomes.

Register Now

Reserve Housing



Date(s)

Sep 11–13, 2024



Location

Nashville, TN

Loews Vanderbilt Hotel



Audience

Data Manager





ADVANCES IN QUALITY & OUTCOMES: *A Data Managers Meeting*

Program Topics

- RHF w/Case Scenarios
- Major Infection w/Case Scenarios
- Neurological Dysfunction w/Case Scenarios
- Patient Journey
- Risk Modeling
- Live Data Downloads Tips & Tricks
- Abstraction Strategies
- How To Use Your Data
- Dashboard



Resources-Intermacros Reporting FAQ

- Quality Assurance (QA) Cumulative and Recent Report
 - What is the coverage period?
 - What patients are included in the Quality Assurance (QA) Report?
 - Why are some patients excluded from the QA Site Report?
 - How are the transfer patients handled in the QA report?
 - How are the Adverse Event rates calculated?
 - Rate definition and calculation



Resources-Intermacros Reporting FAQ

- Data Quality (DQ) Report
 - How are the transfer patients handled in the DQ report?
 - What happens if there are changes made to the WBDE before a report is distributed?
 - Where would I find the Intermacros Operation ID number?



When Are The Reports Distributed?

Calendar Quarter	Data Entry Deadline	Coverage Stop Date	Distribution Date
Q1	April 30th	March 31st	June 30th
Q2	July 31st	June 30th	September 30th
Q3	October 31st	September 30th	December 31st
Q4	January 31st	December 31st	March 31st



Resources- Quarterly Site Reports

- <https://intermacs.kirso.net/reports/quarterly-site-reports/>

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Quarterly Site Reports

Each quarter, Intermacs provides site specific information to Site Administrators at active sites. This includes the Data Quality Report. These reports are distributed through the web based data entry file delivery system.

[DQ Report Data Verification](#)

- Quarterly Site Reports
- Research SAS Datasets
- Live Data/Form Downloads
- Intermacs Reporting FAQ



Resources- Quarterly Site Reports

Quarterly Site Reports

Each quarter, Intermacs provides site specific information to Site Administrators at active sites. This includes the Quarterly Assurance Report and Data Quality Report. These reports are distributed through the web based data entry file delivery system.

[DQ Report Data Verification](#)

Data Quality Report

- Provides each hospital with a snapshot of key data they have entered into Intermacs
- Provides a list of inconsistent and improbable data values
- Provides a useful tool for auditing

Quality Assurance Report

- Contains information from your site compared to the overall Intermacs experience
- Primary prospective patients are analyzed to facilitate the comparison
- Facilitates the refinement of patient selection to maximize outcomes with current and new device options

Example Reports



Resources- Research SAS Datasets

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[Home](#) [Administration](#) [Research](#) [Participation](#) [Intermacs Appendices](#) [Reports](#) [Pedimacs](#) [Contact Us](#)

Research SAS Datasets

The Research SAS datasets are distributed quarterly and link all forms into 4 datasets and can be used for analysis by Site Administrators.

Resources

- [File Delivery System Instructions](#)

[Quarterly Site Reports](#)

[Research SAS Datasets](#)

[Live Data/Form Downloads](#)

[Intermacs Reporting FAQ](#)

Available only to Site



Resources- Research SAS Datasets

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- The Research SAS datasets are distributed quarterly and link all forms into 4 datasets and can be used for analysis of your data. This feature is available only to Site Administrators.



Resources- Live Data/Form Downloads

Kirklín Solutions - STS InterMACS 🔍

Home Administration ▾ Research ▾ Participation ▾ InterMACS Appendices Reports ▾ Pedimacs ▾ Contact Us

Live Data/Form Downloads

In an effort to provide more timely and comprehensive data we have developed and made available the "Form" data. This data is available to all sites that are permitted to download all data entered by their site into the InterMACS WBDE system in a variety of formats including Microsoft Excel.

Key features include:

- Instantaneous download of data by form entered into InterMACS.
- Data download is available in Excel format.
- PowerPoint tutorials providing useful examples for creating presentation quality tables and charts from the data.
- Forms available for download: Screening Log – Enrolled, Screening Log – Excluded, Demographics, Pre-Implant, Implant, Implant Discharge, Follow-Up, Rehospitalization, Major Infection, Major Bleeding, Neurological Dysfunction, Device Malfunction, Additional Adverse Events, Explant, Death, One Year Post Recovery, Transfer, and Withdraw Consent.

Resources

- [Form Download Instructions](#)
- [Form Download Excel Tutorial](#)
- [Consolidate Workbooks](#)

Quarterly Site Reports

Research SAS Datasets

Live Data/Form Downloads

InterMACS Reporting FAQ

Outcome Analytics



Resources- Live Data/Form Downloads

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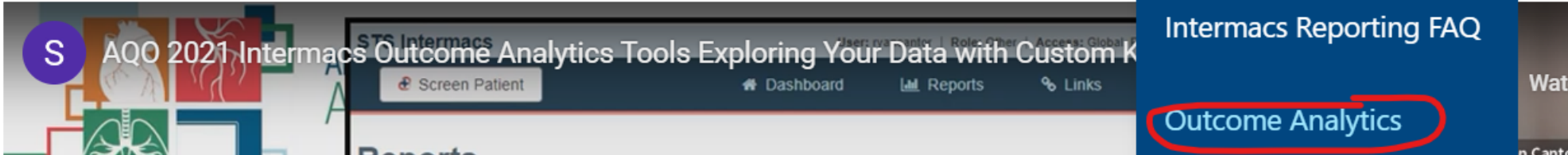
Resources- Outcome Analytics Tool

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Outcome Analytics

Intermacs Outcome Analytics Tool Demo



The screenshot shows a web application interface for the Intermacs Outcome Analytics Tool. At the top, there is a navigation bar with the following items: Home, Administration (with a dropdown arrow), Research (with a dropdown arrow), Participation (with a dropdown arrow), Intermacs Appendices, Reports (with a dropdown arrow), and Pedimacs (with a dropdown arrow). Below the navigation bar, the main content area features the heading 'Outcome Analytics' and a sub-heading 'Intermacs Outcome Analytics Tool Demo'. A large banner image is displayed below, showing a screenshot of the tool's interface. The banner includes a purple circle with the letter 'S' and the text 'AQQ 2021 Intermacs Outcome Analytics Tools Exploring Your Data with Custom K'. The screenshot shows a 'Screen Patient' button, a 'Dashboard' icon, a 'Reports' icon, and a 'Links' icon. A red circle highlights the 'Outcome Analytics' link in the 'Reports' dropdown menu.

- Quarterly Site Reports
- Research SAS Datasets
- Live Data/Form Downloads
- Intermacs Reporting FAQ
- Outcome Analytics**



Resources- Outcome Analytics Tool

- Intermacs Outcome Analytics Tool Demo
 - AQO 2021 Intermacs outcome analytics tools exploring your data with Kaplan-Meier curves, competing outcomes, AE rates or other outcome analytics on your selected cohort.



Resources

- <https://intermacs.kirso.net/intermacs-documents/> (All Things Intermacs and Pedimacs, Database User Guides, Data Collection Forms, QoL Surveys, FAQs, V6.0 Training Video)
- intermacs@kirso-admin.net (Password and Login)
- reports@kirso-admin.net (Reporting Questions)



Contact Information

Nancy Honeycutt, BSN, RN STS National Database
Manager, Intermacs and Pedimacs

- nhoneycutt@sts.org

Patricia Potter, BSN, RN, Intermacs Data warehouse
Manager of Clinical Affairs

- patricia.potter@kirso.net

Database Operational Questions

- intermacsfaq@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!

Upcoming Intermacros Webinars

Pedimacs User Group Webinar

- July 31st @ 1 pm CT



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THANK YOU FOR JOINING!

