

# The Society of Thoracic Surgeons

Intermacs & Pedimacs  
User Group Webinar

June 24, 2026



**STS National Database**<sup>™</sup>  
Trusted. Transformed. Real-Time.

# Today's Agenda

- Welcome and Introductions
- Updates
- ***RVADs/ECMO***
- Q&A



# The STS Team

Nancy Honeycutt, BSN, RN LSSGBH, National Database Manager for the ACSD, Intermacs and Pedimacs

Carole Krohn, MPH, BSN, RN, LSSGB, Director of the STS National Database

Leighann Jones, BS, National Database Manager for the Congenital and General Thoracic Databases

Emily Conrad, MS, National Database Education Manager

# The Intermacs Data Warehouse Team

Brandon Singletary, PhD, Statistician III, Epidemiologist

Ryan Cantor, PhD, Chief Scientific Officer

Rama Rudraraju, PhD, Director of Programming

John Pennington, MSHI, Director of Data Management



# 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



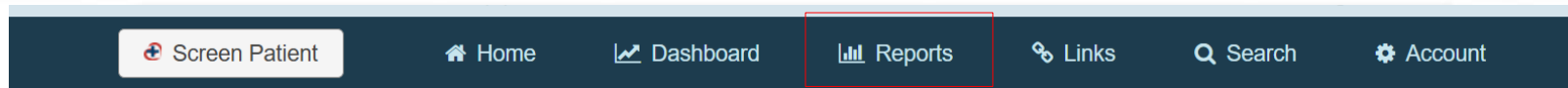
# How do I find my report?



Log in to the Web Based Data Entry system (WBDE) and then click the **“Reports”** tab at the top of the dashboard.

Click your site reports and SAS datasets zip files to download.

See [“WBDE System File Delivery Instructions”](#) for more details.



## Reports

### Data Quality Report

Available

Click the link above to access your site's Data Quality Report. The Data Quality Report provides each hospital an up to date snapshot of key data they have entered into InterMACS. The Data Quality Report provides lists of inconsistencies and improbable values that occur in the data. The Data Quality reports are used as an auditing tool and are distributed quarterly through the file delivery system. This feature is only available to Site Administrators.

### Quality Assurance Report

Available

Click the link above to access your site's Quality Assurance Report. The Quality Assurance Report contains information from your site compared to the overall InterMACS experience. To facilitate this comparison only primary prospective patients are analyzed. The Quality Assurance Report facilitates the refinement of patient selection to maximize outcomes with current and new device options. The Quality Assurance Report is distributed quarterly through the file delivery system. This feature is only available to Site Administrators.

### Live Data Download

Available

Click the link above to download live data you have entered into the Web-Based Data Entry System by form. Each form is available in Excel format. Forms available include: Screening Log Enrolled, Screening Log Excluded, Demographics, Pre-Implant, Implant, Implant Discharge, Rehospitalization, Major Infection, Major Bleeding, Neurological Dysfunction, Device Malfunction, Additional Adverse Events, Death, One Year Post Recovery, Transfer, Withdraw Consent. This feature is available to all users.

### Site Research Datasets (SAS)

Available

Click the link above to access your site's SAS datasets. The SAS datasets link all forms into 4 research datasets that contain derived intervals

### Customized Cohort Report

Available

Click the link above to select a single cohort, subgroups within your site, or comparison against an equivalent InterMACS cohort. Each report can be

### Outcome Analytics

Available

Click the above link to generate Kaplan-Meier curves for your selected event on your selected cohort. **Session Time R**



# PHI Security Reminder

## Protected Health Information (PHI)



To protect patient privacy, PHI should only be shared via **secure** or **encrypted** email.



Do not send PHI through regular email



If you do not have a way to send a secure email, please reach out to me and I will send you a Neo Certified email that you can respond to




# Upcoming Webinars

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## Intermacros/Pedimacs Quality Assurance Report Overview Webinar


 Thursday @ 2pm CT

 July 16<sup>th</sup>



## Intermacros/Pedimacs User Group Webinar

 Wednesday @ 1pm CT

 July 29<sup>th</sup>

# 2026 Advances in Quality & Outcomes: A Data Managers Meeting

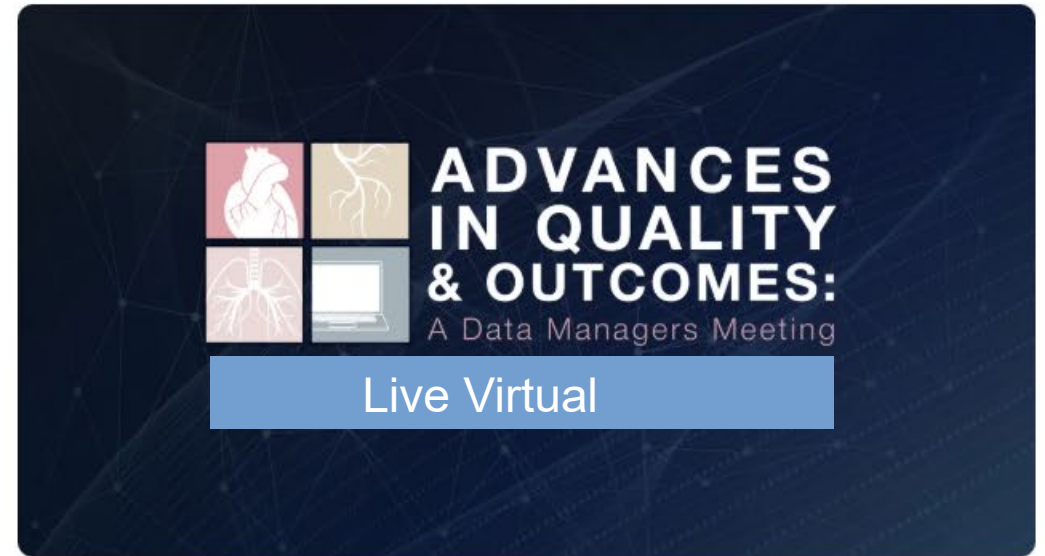
Discussions on valuable research and important clinical findings with the goal of improving data collection and patient outcomes.

## Schedule

- **Thursday, Sept. 24**  
Intermacs/Pedimacs Virtual Forum: 9 a.m. – 5 p.m.
- **Wednesday, Sept. 30**  
General Thoracic Surgery Database: 8 a.m. – 5 p.m.  
Congenital Heart Surgery Database: 8 a.m. – 5 p.m.
- **Thursday, Oct. 1**  
General Thoracic Surgery Database: 8 a.m. – 11 a.m.  
Congenital Heart Surgery Database: 8 a.m. – 11 a.m.  
Adult Cardiac Surgery Database: 8 a.m. – 5 p.m.
- **Friday, Oct. 2**  
Adult Cardiac Surgery Database: 8 a.m. – 11 a.m.

## Intermacs Virtual Forum

Join us Thursday, Sept. 24, for the Intermacs & Pedimacs Live Virtual Forum—a full-day, interactive Zoom event held just ahead of the main AQO meeting. This forum will focus exclusively on Intermacs and Pedimacs registry content, featuring live presentations, real-time Q&A, and opportunities to connect with presenters and fellow attendees. Be ready to join on camera and actively participate in the discussion. (Note: Intermacs content will NOT be offered as part of the in-person meeting.)



# 2026 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.



	Virtual-Only Registration	Early Bird Registration Fee (through July 31, 2026)	Standard Registration Fee
★	STS Member Virtual Pass + Intermacs Forum	\$450	\$550
	STS Member Virtual Pass Only (no Intermacs Forum)	\$350	\$450
★	Non-Member Virtual Pass + Intermacs Forum	\$550	\$650
	Non-Member Virtual Pass Only (no Intermacs Forum)	\$450	\$550



# Intermacros Transition Timeline



**OCTOBER 1, 2026**

## Launch New Intermacros System

- Current forms remain in place at go-live



**JANUARY 1, 2027**

## Launch New Adverse Events (AEs)

- Transition to updated AE structure



**MARCH 30, 2027**

## First Reporting Cycle with New AE Structure

- Reports generated using new system and updated AE forms



### PLEASE NOTE:

The **intermacros** database will be unavailable from **September 15–30, 2026**, for data migration. Data entry and updates will resume on **October 1, 2026**.



# Pedimacs Transition Timeline



**APRIL 1, 2027**

## Launch New Pedimacs System

- Transition to new platform



**JUNE 30, 2027**

## First Reporting Cycle from New System

- Reports generated and distributed from the new system.



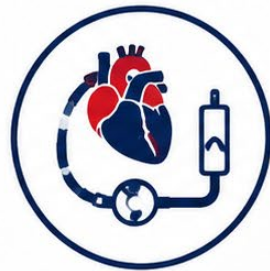
### PLEASE NOTE:

**Pedimacs** will be unavailable from **March 17-31, 2027**, for data migration. Data entry and updates will resume on **April 1, 2027**.



# ECMO Following RVAD Support

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# Coding Post-Implant ECMO



To capture the **number of days** a patient was on **ECMO post RVAD support**, we have added questions to the following forms:



**Preimplant Form**



**Explant Form**



**Death Form**



**Implant Discharge Form**

# Coding Post-Implant ECMO



Once a patient receives a **RVAD** that is **not connected to an oxygenator**, that device is entered into the database.

If at anytime after that the device is **attached to an oxygenator**, please **leave the RVAD in the database**.

The Explant form will be completed once the RVAD is **decannulated**.



- 1. RVAD not connected to an oxygenator**  
Enter the device into the database.



- 2. RVAD attached to an oxygenator at any time**  
Leave the RVAD in the database.



- 3. RVAD decannulated**  
Complete the **Explant** form.

# Scenario #1



Patient receives a **BiVAD (LVAD + RVAD)**.

Following implant the RVAD was connected to an oxygenator for 5 days.

The oxygenator was then turned off and the RVAD was decannulated on **POD 10**.



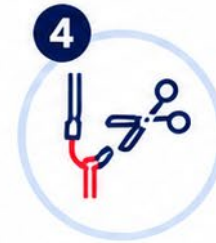
**BiVAD Implant**  
(LVAD + RVAD)



Oxygenator  
turned on (ECMO)  
for **5 days**



Oxygenator  
turned off and  
converted to **RVAD**



**RVAD**  
Decannulated on  
**POD 10**

# Scenario #1

## Steps to properly document

- 1 BiVAD entered into the database
- 2 Complete the RHF AE form by clicking **Create Event**

Patient Summary

Create Event Add New Device Other Tools ▼

- 3 Complete the Explant form (on POD 10) for the RVAD by clicking **Create Event**

Patient Summary

Create Event Add New Device Other Tools ▼

On the Explant form answer the following question:

Was the patient on ECMO at any time since implant of their durable LVAD?

Yes  
 No  
 Unknown

Total number of days on ECMO

5

ST=  Unknown



# Scenario #1



## Steps to properly document (continued)

- 4 On the **Implant Discharge** form answer the following question

Was ECMO initiated at any time after  
VAD implant?

Yes

No

Unknown

Total Number of days on ECMO?

5

ST=  Unknown

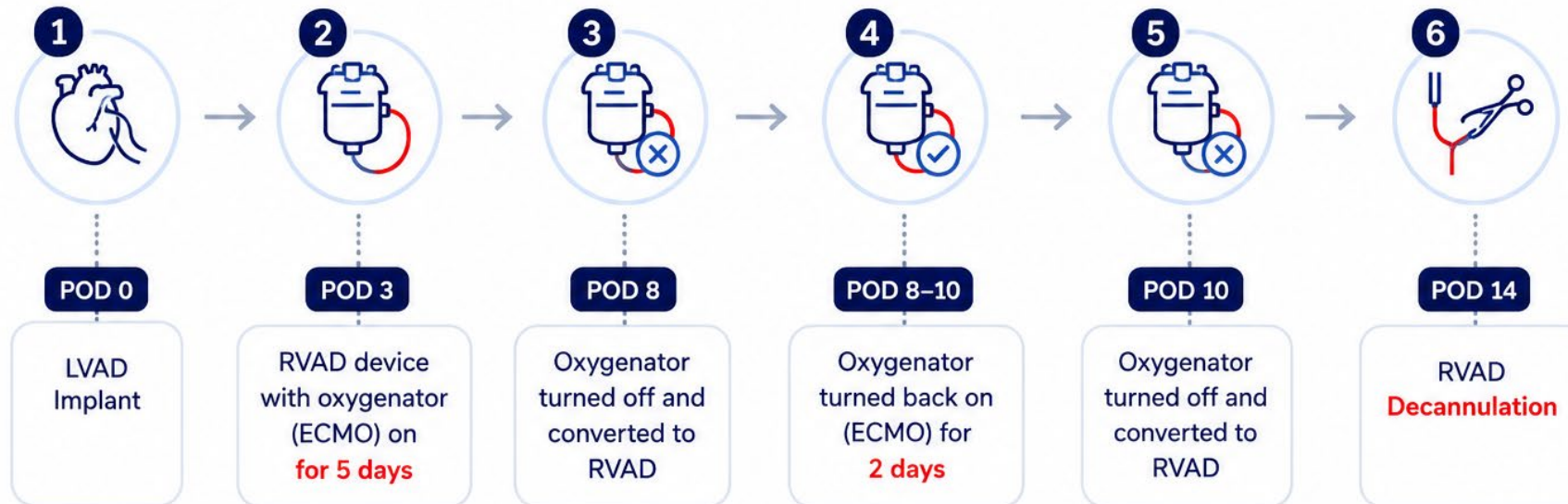


# Scenario #2



Post durable LVAD implant, on **POD 3** the patient receives RVAD device that is connected to an oxygenator (ECMO) for **5 days**.

On **POD 8** the oxygenator is turned off and the device is converted to a RVAD. The oxygenator is then turned back on for **2 more days** until it was turned off and the RVAD was decannulated on **POD 14**.



# Scenario #2



## Steps to properly document

1 LVAD Implant entered into the database

2 Complete RHF AE by clicking **Create Event**

Patient Summary

Create Event

Add New Device

Other Tools ▼

3 Implant the RVAD on POD 8 by clicking **Add New Device**

Patient Summary

Create Event

Add New Device

Other Tools ▼

4 Complete RHF AE by clicking **Create Event**

Patient Summary

Create Event

Add New Device

Other Tools ▼



# Scenario #2



## Steps to properly document (continued)

5

Complete the Explant form (on POD 14) for the RVAD by clicking **Create Event**

Patient Summary

Create Event

Add New Device

Other Tools ▾

On the Explant form answer the following question

Was the patient on ECMO at any time since implant of their durable LVAD?

Yes

No

Unknown

Total number of days on ECMO

2

ST=  Unknown



# Scenario #2



## Steps to properly document (continued)

6

On the **Implant Discharge** form answer the following question

Was ECMO initiated at any time  
after VAD implant?

Yes

No

Unknown

Total Number of days on ECMO?

2

ST=  Unknown



Q&A

# 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!



Your questions and feedback help us improve.  
Thank you for participating!

# Contact Us

## Nancy Honeycutt, BSN, RN

- *STS National Database Manager, Intermacs and Pedimacs*  
✉ [nhoneycutt@sts.org](mailto:nhoneycutt@sts.org)

## Patricia Potter, BSN, RN

- *Intermacs Data Warehouse Director of Clinical Affairs*  
✉ [patricia.potter@kirso.net](mailto:patricia.potter@kirso.net)



THANK YOU FOR JOINING!

