

Society of Thoracic Surgeons

Intermacs & Pedimacs
User Group Webinar

July 30, 2025



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

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



Today's Meeting

- Welcome and Introductions
- STS Updates
- AQO 2025
- Temporary Devices
- Open Discussion





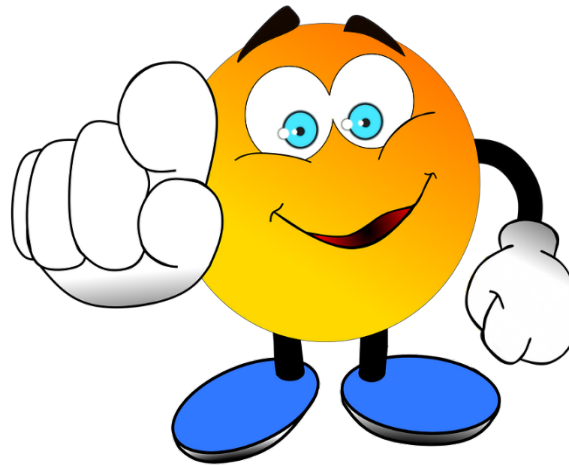
Polling Question



**What QI projects are
you working on at
your site using your
Intermacs/Pedimacs data?**

Intermacros & Pedimacs Quality Webinar

- We want to hear from YOU!




Please reach out to Patricia or Nancy if you would like to share your center's quality improvement project on a future webinar!

Upcoming Webinars

 Intermacs User Group Call

 August 27@ 1PM CT

 Intermacs User Group Call

 September 24@ 1PM CT



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



AQO 2025: Intermacs & Pedimacs



Date: September 23, 2025



Format: Live Virtual Zoom Forum



Who Should Attend:

Data Managers

VAD Coordinators

Quality and Outcomes Staff



Focus: Join us for a **full-day interactive event** dedicated exclusively to **Intermacs & Pedimacs** registry content.



What to Expect:

Opportunities to connect with presenters and peers

Reporting tips

Data abstraction guidance

Live presentations and Q&A with the Intermacs/Pedimacs team



Intermacros & Pedimacs Virtual Forum Agenda

September 23, 2025

- Introduction for New Data Managers
- High-Level Overview of Intermacros & Pedimacs
- Intermacros Patient Profile
- Preview of Upcoming Adverse Event (AE) Revisions
- Sherri Ann Wissman Memorial Excellence Award
- Intermacros Platform Upgrade
- Using Intermacros Data in Power BI Dashboards
- Kirklin Solutions Dashboard Overview
- User Experience with Intermacros/Pedimacs Dashboard
- Interpreting Operative Reports for Implant Form Submission
- Coding Temporary Devices: RVAD, ECMO, Balloon Pump
- Device Coding in the Intermacros/Pedimacs Database
- Applying Intermacros Data for Site-Level Quality Improvement



Intermacros/Pedimacs Participants: Award Nominations

Nominate an outstanding VAD coordinator for the **Sherri Ann Wissman Memorial Excellence Award**, which will be presented during the **Live Virtual Forum**.

The award recipient must be a VAD coordinator who:

- Demonstrates loyalty, dependability, and selflessness
- Is supportive of fellow employees and patients
- Contributes meaningfully to the quality of life for VAD patients

 **Submit nominations by Friday, August 8.**




For more information, please contact **Emily Conrad**, STS Database Education Manager.



AQO 2025 Registration Pricing


July 31, 2025

 **Early Bird Pricing** (Through ~~July 16, 2025~~)

Category	Member	Nonmember
One Day	\$750	\$850
Two Day	\$1,100	\$1,300
Virtual Pass	\$350	\$450
Virtual Pass + Intermacs Virtual Forum	\$450	\$550



AQO 2025 Registration Pricing

 **Standard Pricing** (After ~~July 16, 2025~~ **July 31, 2025**)

Category	Member	Nonmember
One Day	\$850	\$950
Two Day	\$1,300	\$1,500
Virtual Pass	\$450	\$550
Virtual Pass + Intermacs Virtual Forum	\$550	\$650
Industry Employee	\$800	\$800



ECMO and RVAD Support



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Coding RVADs

RVAD (Right Ventricular Assist Device) Entry Guidelines:

- Initial Entry:
 - Enter the RVAD into the database if it is **not** connected to an oxygenator at the time of implant.
- If Oxygenator is Added Later:
 - Do not remove the RVAD from the database.
 - Leave it as originally entered.
- After Decannulation:
 - Complete the Explant form once the RVAD is removed.



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.



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

ST= ☐ Unknown



Scenario #1

Steps to properly document (continued)

4. On the Implant Discharge form answer the following question

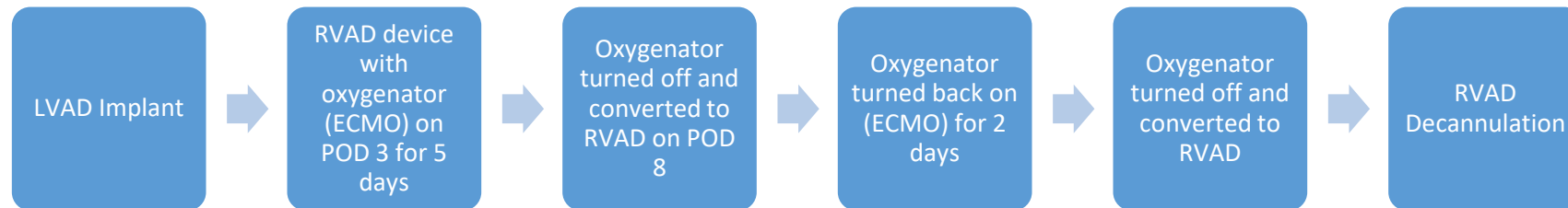
Was ECMO initiated at any time after VAD implant?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
--	---

Total Number of days on ECMO?	<input type="text" value="5"/>
	ST= <input type="radio"/> Unknown



Scenario #2

Post durable LVAD implant, on POD 3 the patient receives a 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

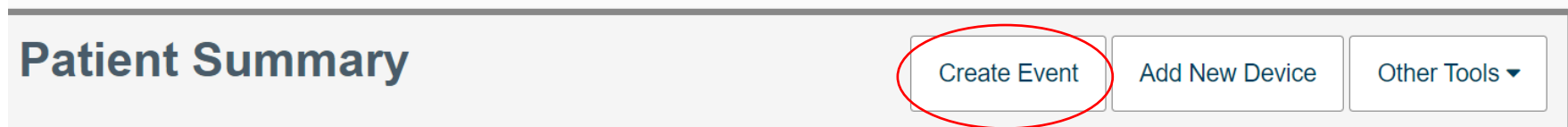
Other Tools ▼



Scenario #2

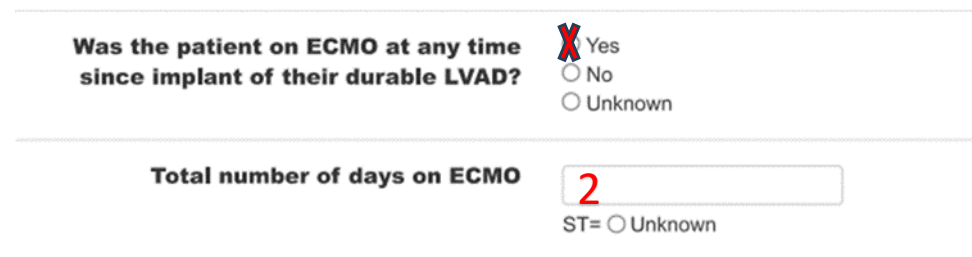
Steps to properly document (continued)

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



The screenshot shows a 'Patient Summary' header. To the right of the header are three buttons: 'Create Event' (circled in red), 'Add New Device', and 'Other Tools ▾'.

On the Explant form answer the following question



The screenshot shows two questions from the Explant form:

- Question 1: "Was the patient on ECMO at any time since implant of their durable LVAD?" with radio button options: ☒ Yes, ☐ No, and ☐ Unknown.
- Question 2: "Total number of days on ECMO" with a text input field containing the number "2" and a label "ST= ☐ Unknown".

Scenario #2

Steps to properly document (continued)

6. On the Implant Discharge form answer the following question

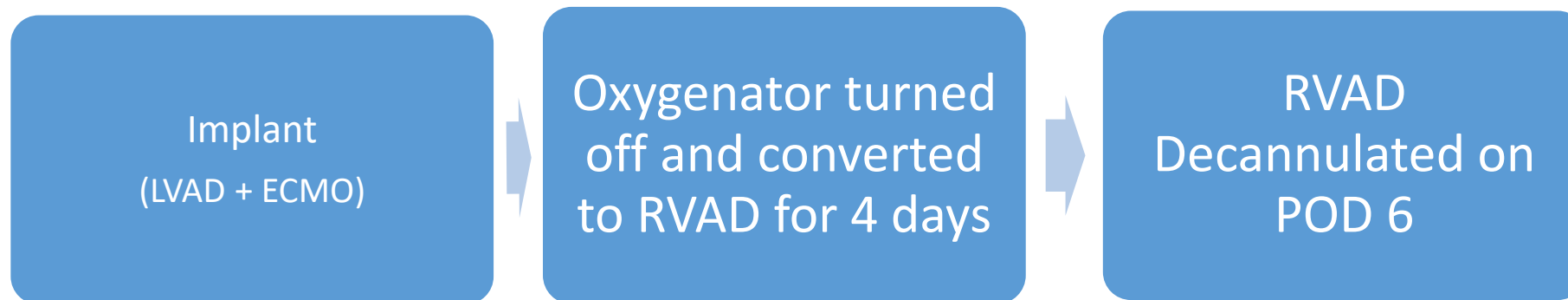
Was ECMO initiated at any time after VAD implant?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
--	---

Total Number of days on ECMO?	<input type="text" value="2"/>
	ST= <input type="radio"/> Unknown



Scenario #3

Patient receives a durable LVAD, but then needs right heart support while still in the OR. The patient receives a percutaneous device that is then connected to an oxygenator for 2 days. The RVAD device stayed in place for an additional 4 days and then was decannulated.



Scenario #3

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 2 by clicking Add New Device

Patient Summary

Create Event Add New Device Other Tools ▼

4. Complete RHF AE by clicking Create Event

Patient Summary

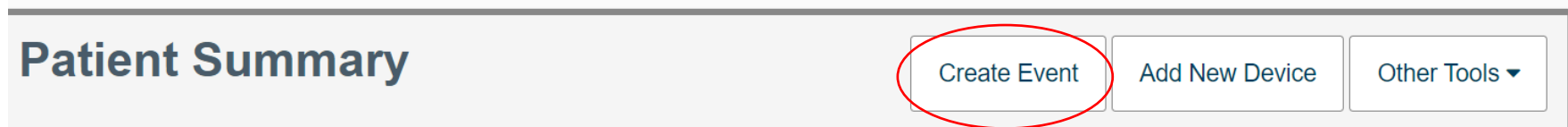
Create Event Add New Device Other Tools ▼



Scenario #3

Steps to properly document (continued)

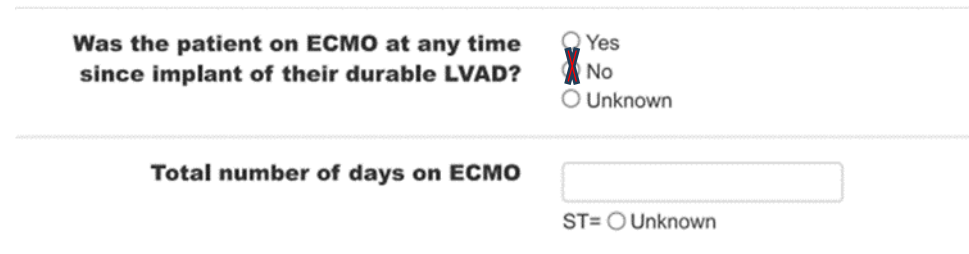
5. Complete the Explant form (on POD 6) for the RVAD by clicking Create Event



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

ST= ☐ Unknown



Contact Us

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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!

THANK YOU FOR JOINING!

