Society of Thoracic Surgeons

Intermacs/Pedimacs Reporting and UG Webinar

January 27, 2021
Agenda

• Welcome and Introductions
• Call Overview
• Current Reporting Status Update
• User Feedback
Kathryn Hollifield: STS National Database Manager-Intermacs/Pedimacs
Patricia Potter: Intermacs Data Warehouse Quality Nurse
Jeanne Anne Love: Intermacs Data Warehouse, Patient Management Director and Data Quality advisor
Ryan Cantor: PhD, Statistician, Director of Reporting at the Intermacs DCC
Maceo Cleggett: Clinical Data Analyst, Intermacs Data Warehouse
Devin Koehl: Senior Clinical Analyst, Intermacs Data Warehouse
John Pennington: Intermacs Data Warehouse Senior Data Manager
Leigh Ann Jones: STS National Database Manager-CHSD/GTSD
Carole Krohn: Sr. Clinical Manager, STS National Database
Please use the Q&A Function.

We will answer as many questions as possible.

We encourage your feedback and want to hear from you!
Current Reporting Status Update
Outline

• Recent Report Additions - 2020 Q3
• Planned Report Additions - 2020 Q4
  • Addressing immediate requests from sites
• Longer Term Plans
  • How to consolidate reporting that still meets sites needs
Recent Report Additions - 2020 Q3 – Recent Year (4 Quarters) -> Recent (6 Quarters)

• The recent report was updated to include a rolling 6 quarters of data

• Using a rolling 4 quarters meant few patients at risk at 12m and for most centers a 1 year survival estimate was not possible

• Rolling 6 quarters facilitates the estimation of 1 year survival
Recent Report Additions - 2020 Q3 – Patient Profile

- Kaplan Meier – Survival on a Device By Patient Profile Added to All Reports
  - Exhibit 45b. Post Implant Survival: Patient Profile 2 - Progressive Decline
  - Exhibit 45c. Post Implant Survival: Patient Profile 3 - Stable but Inotrope Dependent
  - Exhibit 45d. Post Implant Survival: Patient Profile 4+ Resting Symptoms and Less Sick
Your Site vs Intermacs
For Patient profile 1,2,3,4+

Available for:
- Cumulative – Primary VAD Patients
- Cumulative – Prior VAD Patients
- Recent – Primary VAD Patients
- Recent – Prior VAD Patients

Tables with estimates at specific time points
Planned Report Additions - 2020 Q4

• Many requests for reports that include ALL centers patients

• Expand the set of reports to include:
  • Comprehensive – (all patients across all time)
  • Comprehensive – Recent (all patients within the last 6 quarters)
Planned Report Additions - 2020 Q4

• Add implant year to Exhibit 49: Patients Implanted at your Center but Excluded from this Analysis
  • Help track patients inclusions
Planned Report Additions - 2020 Q4

• Adjustment to Death on a Device reporting
  • Currently patients are censored at cessation of support (explant or turned off for any reason)
  • Censored = unobserved event
  • Some cessation of support is actually withdraw of support
  • Update
  • Patients with cessation of support but have a reported death date on the same or next day -> reported as death on a device for both Kaplan-Meier Survival and Competing outcomes
Planned Report Additions - 2020 Q4

• Mirror v6.0 data collection changes
  • Vast majority of exhibit will stay the same
  • Comorbidity exhibits will match the new version (data has been mapped to the new values where ever possible)
    • Most items will be comparable
    • Some components will be removed from the reports if they no longer reflected the data collection
Note: WinZip -> 7-Zip

• Starting new quarter we will be using 7zip instead of WinZip to prepare QA zip packets and site dataset packets, this change was mandated by UAB IT
• We’ve tested and don’t anticipate issues
• But if any issues are experienced let us know
Longer Term Plans for Report Design Process

• Currently
  • STS leadership and DCC assesses requests ad hoc
  • try to incorporate ALL request, as soon a possible
  • Only additions of content
  • pro – A LOT of great information
  • con – Too much information? Which measures are the best to use? How to best consolidate into a core set of comparisons?

• Ideally
  • Continual collection of report edit ideas
  • Annual Edits, Review and Approved by STS Leadership, Targeted for Benchmarking
  • Outcome Analytic Tool (under construction) may take the place of some of the detailed comparison in the current report collection

• We need feedback
  • What exhibits are most helpful
  • Ideas on new information and how to represent the data that will be useful to your site
  • Items that can be removed

• As new reports are developed, this webinar forum can provide useful discussion / feedback
Intermacs & Pedimac Resource:

https://www.uab.edu/medicine/intermacs/
intermacs-documents

www.sts.org

Intermacsfq@sts.org
Thank you for joining!

Next Intermacs/Pedimacs Webinars

User Group Webinar: February 24, 2021 @ 1 pm CT

Reporting Webinar: April 15, 2021 @ 2 pm CT