Agenda

WELCOME AND INTRODUCTIONS

REVIEW H3 REPORTS
Polling
Important Dates for Adult Cardiac

- **18 Oct.**
  - ACSD Quality Improvement Series @ 2pmCT

- **10 Nov.**
  - ACSD H4 Deadline (OR dates through 9/30/2023)

- **14 Nov.**
  - ACSD H4 Opt-Out Ends

- **15 Nov.**
  - ACSD Quality Improvement Series @ 2pmCT

- **6 Dec.**
  - ACSD Monthly Webinar @ 2pmCT
Where we WERE at... Harvest 1 2023

All Sites Average Vent Hours

STS Avg H1 2023 15.30
n=982

STS Avg All Data 17.01
n=1022

Isolated CABG – ProclID 1
Where we are at for H3 2023

Avg Vent Time

ProcID 1
STS Avg H3 − 14.42 (15.30 H1)
927 sites
n = 449053

All Avg STS Data =
1011 sites
n = 459061
P values shown on the graphs reflect results of difference in difference analysis comparing slopes across the three six month time frames (2022 Q1/Q2, 2022 Q3/Q4, and 2023 Q1/Q2)

Mechanical Ventilation Hours VS Time (ProclID 1)

P = 0.297

P = 0.0496

P = 0.0084

Error bars = 95% CI
Patients extubated in the OR are excluded.
Where we were at...

Isolated CABG Case Volume for 36-month analytic window
High Volume – 1200 or more
Moderate Volume – 600-1199
Low Volume – 0-599

High Volume Sites Avg Vent Times

STS Average 15.30
H1 2023
STS Average 15.76
H1 All High Volume Sites
n - 41
High Volume Sites Avg Vent Time

$n = 77688$
Participants: 46

Where we are at...
Where we were at...

Isolated CABG Case Volume for 36-month analytic window
High Volume – 1200 or more
Moderate Volume – 600-1199
Low Volume – 0-599

Moderate Volume Sites Avg Vent Times

STS Average 15.30
H1 2023

STS Average 15.79
H1 All Moderate Volume Sites
n = 186
Moderate Volume Sites Avg Vent Times

Where we are at...

$n = 155625$
Participants: 193
Where we were at...

Isolated CABG Case Volume for 36-month analytic window

- High Volume – 1200 or more
- Moderate Volume – 600-1199
- Low Volume – 0-599

STS Average 15.30
H1 2023

STS Average 17.36
H1 2023 All Low Volume Sites
n = 796

Low Volume Sites Avg Vent Time
Low Volume Site Avg Vent Times

Where we are at...

n = 225724
Participants = 772

Isolated CABG Case Volume for 36-month analytic window
High Volume – 1200 or more
Moderate Volume – 600-1199
Low Volume – 0-599
Extubated in OR Case Counts – ProclD 1
Prolonged Vent – STS AVG ProcID 1

2023

<table>
<thead>
<tr>
<th></th>
<th>Q1</th>
<th>Q2</th>
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<tr>
<td>Jan</td>
<td>5.69%</td>
<td>5.92%</td>
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<tr>
<td>Feb</td>
<td>5.58%</td>
<td>5.77%</td>
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<tr>
<td>Mar</td>
<td>5.77%</td>
<td>5.77%</td>
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<tr>
<td>Apr</td>
<td>5.34%</td>
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<td>May</td>
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<tr>
<td>Jun</td>
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Jan 2017 to Jan 2023
Contact Information

• Carole Krohn, Director, STS National Database
  • CKrohn@sts.org
  • 312-202-5847

• STSDB@sts.org
  • Database Operational Questions (Billing, Contracts, Contacts)

• STSDB_Helpdesk@sts.org
  • IQVIA/Database Platform Questions (Uploader, DQR, Missing Variable, Dashboard, Password and Login)
Open Discussion

Please use the raise-hand function.

Please use the Q&A Function.

We will answer as many questions as possible.

We encourage your feedback and want to hear from you!