



What specifically are we trying to accomplish?

What change(s) might we introduce and why?

How will we know that a change is actually an improvement?

“The Model for Improvement”
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Team Goal

Methods and Results

Post-Anesthesia Care Unit (PACU) Delayed First Case Project

- [illegible]

- Two interventions – inpatients scheduled for first procedure (PDSA 1) and lab hours rescheduled (PDSA 2) (Figure 3)
- Daily data collection and bi-weekly analysis
- Multi-factorial processes that impacted on-time starts further examined.

Time Delay in Minutes of PACU Procedures for Cancer and Hematology Centers Three-Month Post-Interventions and PSDA Cycles

Time (In Minutes)

2.21
2.11
2.00
1.50
1.40
1.30
1.20
1.10
1.00
0.50
0.40
0.30
0.20
0.10
0.00

8/25/14 9/2/14 9/9/14 9/16/14 9/23/14 9/30/14 10/7/14 10/14/14 10/21/14 10/28/14 11/4/14 11/11/14 11/18/14 11/25/14 12/2/14 12/9/14 12/16/14 12/23/14 12/30/14 1/6/15 1/13/15 1/20/15 1/27/15 2/3/15 2/10/15 2/17/15 2/24/15 3/2/15 3/9/15 3/16/15 3/23/15 3/30/15 4/6/15 4/13/15 4/20/15 4/27/15 5/4/15 5/11/15 5/18/15 5/25/15 6/1/15 6/8/15 6/15/15 6/22/15 6/29/15 7/6/15 7/13/15 7/20/15 7/27/15 8/3/15 8/10/15 8/17/15 8/24/15

Time Delay (Minutes)
Average (13 Minutes)
Lab Hours
PSDA Cycles

Scheduling PSDA Cycle 1

Data points include holidays/closures (n=1) and missing data (n=5). PACU procedures averaged a late start time of about 13 minutes after an average of 72% of late first case start times. A key point to consider is that this depicts three months of data vs. six months of baseline data.

QUICK WINS
Decrease in time delays by 2 minutes
Decrease in percentage of delays by 7%

Lab Hours PSDA Cycle 2

Mislabeled/Unlabeled Laboratory Specimens

- Weekly data collection and analysis and progress announcement to staff during daily huddles (Figure 5)

The graph displays the number of staff transitions/re-education over time. The x-axis represents time from 14 Oct to 1 Sep. The y-axis represents the number of transitions, ranging from 0 to 7. The data points are as follows:

Date	Transitions
14 Oct	0
14 Nov	1
14 Dec	2
15 Jan	5
15 Feb	4
15 Mar	2
15 Apr	0
15 May	0
15 Jun	0
15 Jul	0
15 Aug	3
1 Sep	3

Key annotations on the graph include:

- Implementation:** Indicated by a red arrow pointing down to the data point for 15 Feb.
- Goal met:** Indicated by a red arrow pointing down to the data point for 15 Apr.
- Goal Sustainment!:** Indicated by a red arrow pointing down to the data point for 15 May.
- Staff transitions/re-education:** Indicated by a red arrow pointing down to the data point for 15 Sep.

Discussion

The multidisciplinary PACU team continues to meet monthly to assess progress of interventions. While the team did not accomplish the expected gain, they have continued to assess operational workflow, and patient and staff satisfaction to improve start times. The work from this project has considered a dedicated PACU nurse to aid in enhancing quality and patient outcomes.

Staff transitions in the HemOnc clinic demonstrated an increased prevalence of mis/unlabeled specimens. Staff was re-educated on the LOLA process, which is now standardized across the service line. It is also incorporated into new employee orientation and competency validations.

Implications for Future Practice

The Quality Transformation Team is committed to quality improvement and patient safety in the TXCH. Additional projects, such as CLABSI line education, chemotherapy safety, and medication reconciliation have also positively impacted the service line. We are excited about our work and its impact to our patients, families and staff.

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