



CSI Throughput

Ann Feltner, BSN, RN, ONC Roni Foote, BSN, RN Brittany Sager, BSN, RN Kaylyn Biery BSN, RN

Background

Methodist Fremont Health(MFH) 75-bed hospital
Emergency Department: 12 bays

- Average daily census of 50 and annualize 18,897 patients.

Acute Care: 42 medical surgical beds and 20 behavioral health beds

- Average daily census of 42 and annualize 3,245 patients.

ED admission to admission to the acute care floor was 103.92 minutes.

Methods

Provided education to the ED and acute care staff via energy drink cart, 163/211(77%) employees reached

A.D.M.I.T.S and S.A.F.E tool

- Incentive offered for use of new tool to get staff buy in
- Time updates hung in each unit

1162 patients
admitted
postimplemen-
tation ¹¹

Average
minutes
preimplemen-
tation
103.92 ¹¹

Average
minutes
postimplemen-
tation
86.19 ¹¹

Difference in
minutes in the
ED 17.73 ¹¹

Cost per
minute
4.56 ¹¹

Potential
savings
\$74,168.31



Purpose

We had 3 initial goals.

1. By the end of September 2026, Patients admitted to the Acute Care unit from the ED, achieve an average throughput time of less than 60 minutes from the ED Physicians admission order to the patient's arrival on the acute care unit.
2. By the end of February 2026, the ED and Acute Care units will each have a 10% increase in the HWEAT scores in relation to the standards of communication and collaboration.
3. By the end of February 2026, the ED and Acute Care units will each have a 10% decrease in the OLBI scores.

Results

- Throughput time decreased by 17.06%.
- ED decrease in HWEAT scores by 20.57% and Acute Care increase of 7.90%.
- The ED decreased OLBI score by 0.44% and Acute Care decreased by 4.05%

Potential fiscal impact showed a decrease in cost of \$74,168.31.

Recommendations

- Continuous talk about the new change
 - Lead by example
 - Incentive
- Plan to sustain Change
- Transition to practice and Orientation
 - Continued updates on times

Conclusions

- Everyone adapts to change differently
- Importance of data
- Knowledge can bring big change

