

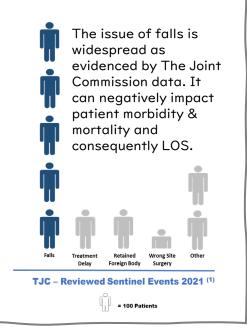
Leveraging Lean Methodology to Prevent Falls

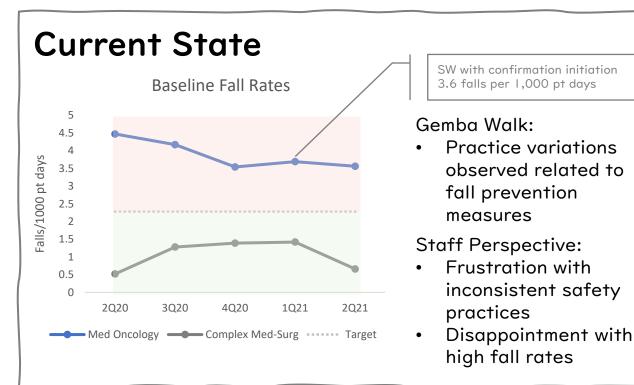
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Executive Sponsor: Julie Swann, MBA, MHA, BSN, RN, NEA-BC, V.P. Patient Care Services and Chief Nursing Officer, Emory Saint Joseph's Hospital, Atlanta, GA

Background

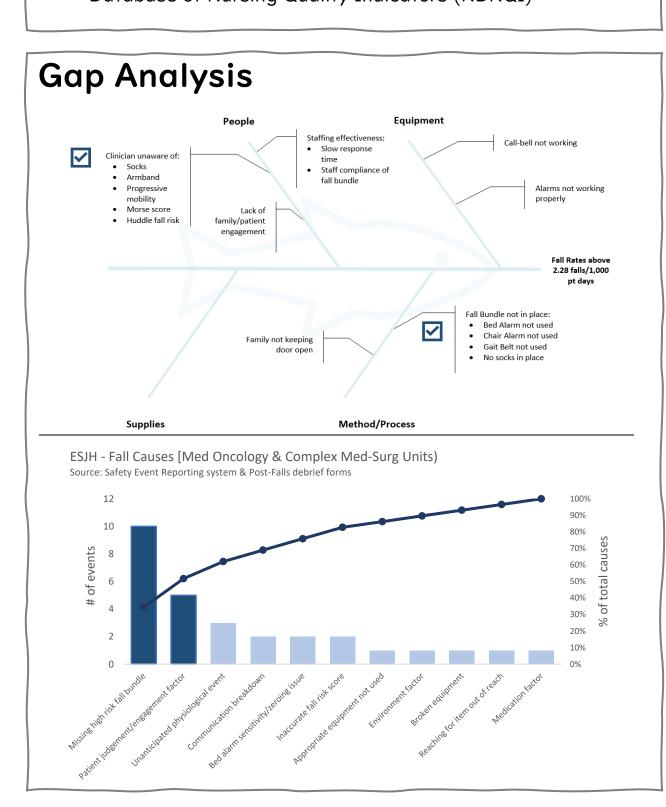
- Emory Saint Joseph's Hospital is a 410 bed Acute Care Hospital with a mission to provide efficient, effective, and excellent care.
- A cross-functional team looked at opportunities to reduce patient harm in Acute Care Nursing.
- Patient falls were identified as an opportunity for improvement on the Medical Oncology Unit.

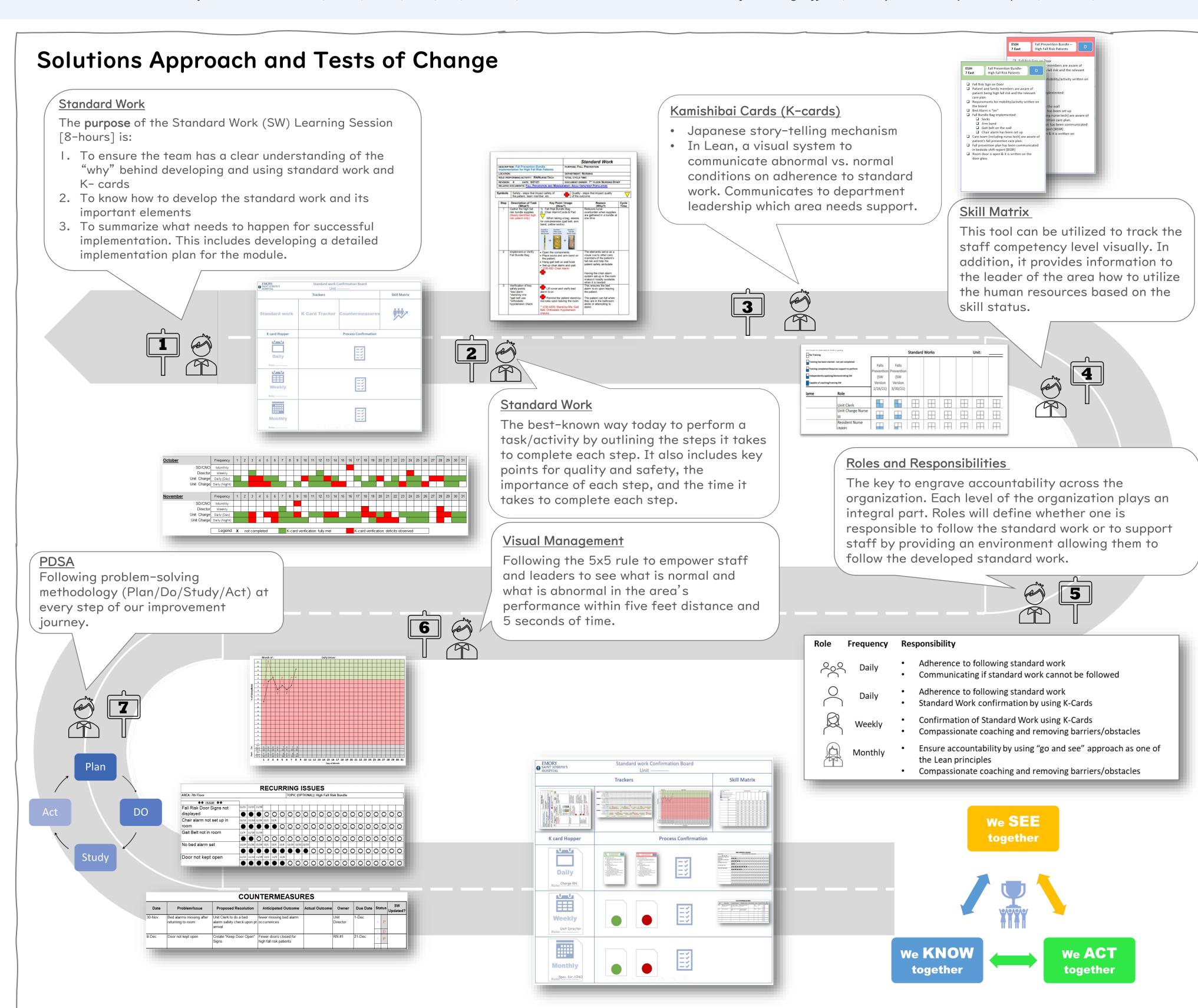




Target State

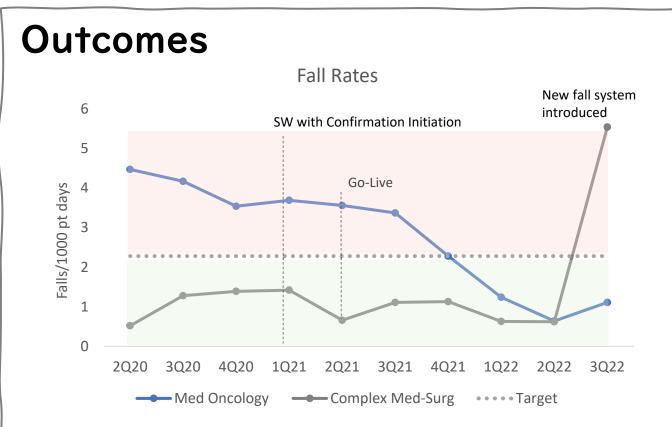
- 2.28 falls/1,000 patient days by end of 4Q2021
- 50th%ile of like hospitals participating in the National Database of Nursing Quality Indicators (NDNQI)





Learning Objectives:

- 1. Explain how Lean methodology can be leveraged to address clinical challenges and hardwire standard practices by involving frontline staff and leadership in the development of standard work and confirmation practices.
- 2. Discuss the role of visual management in changing the culture of clinical practice.



Achieved: 157 days between fall events

- This new system was integrated into the workflow of the unit
- Staff are proud of the care they are providing
- Improved confidence in peer accountability and addressing observed practice variations

Lessons Learned

- Implementing Lean is a journey where obstacles and frustrations are expected. If a desire to change has been planted in the system from the highest level of the organization, challenges may be overcome with greater ease.
- The purpose of standard work is to reduce practice variations, better predict outcomes, and develop a mitigation plan when the system's environment is changing. During the COVID-19 pandemic, external factors such as increased contract nursing staff changed the environment. The standard work with confirmation system helped the unit mitigate the risk of practice variations associated with that change.
- Identifying key stakeholders at the start of implementation and keeping them engaged by seeking their inputs at various stages is a key to success.
- No matter how effective a new system may be, developing standard work is critical to achieve the desired outcome.
- Embedding the process into daily workflow by leveraging Leader Standard Work is an ongoing opportunity to promote sustainability.

Main Take-Aways

- Understanding the environment in which the system has been shaped is critical for success prior to implementing anything new.
- To understand the cause of an issue, one must problem-solve using the context of the current environment.
- Learn from "how" we approached our problem of falls to gain insight on tactics to approach a problem you are experiencing in your environment.

The authors have no relevant financial relationships to disclose.

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References: The Joint Commission (2021). Sentinel Event Data Summary. Retrieved from https://www.jointcommission.org/resources/patient-safety-topics/sentinel-event/sentinel-event-data-summary/, Accessed 7/11/22



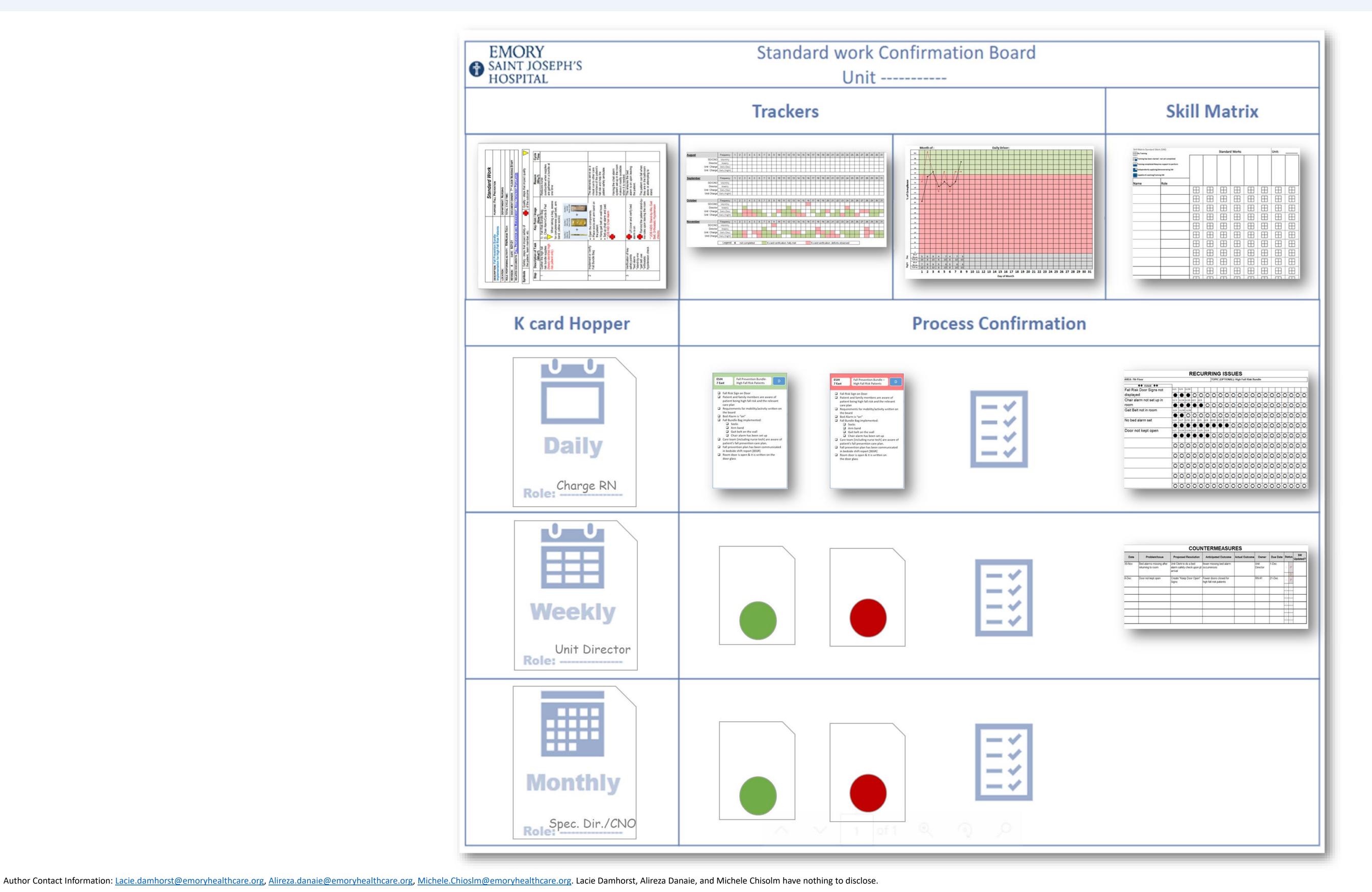
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DESCRIPTION: Fall Prevention Bundle Implementation for High Fall Risk Patients LOCATION: 7E & 7W ROLE PERFORMING ACTIVITY: RN/Nurse Tech REVISION: 4 DATE: 5/21/21			PURPOSE: FALL PREVENTION DEPARTMENT: NURSING TOTAL CYCLE TIME: DOCUMENT OWNER: 7 TH FLOOR NURSING STAFF								
							D DOCUMENTS: FALL PREV				
						CLATL	DOGGINERTOI TALLI KEY	ENTION AND MANAGE	WENT ABOUT IN	AHERT OF CEATION	
						Symbols Safety - steps that impact safety of the patient, team member, etc.			Quality - steps that impact quality of the outcome		
Step	Description of Task (What?)	Key Point / (How?	_	Reason (Why?)	Cycle						
2	Gather the high fall risk bundle supplies (Newly identified high risk patient only)		rds & Pad bag, assess ait belt, arm Quantity 1 - Gait Belt Item #: 37100	Reduces nurse overburden when supplies are gathered in a bundle at one time The elements serve as a							
3	Fall Bundle Bag Verification of key	 Open the component Place socks and a the patient. Hang gait belt on very chair alarm **JOB AID: Chair AI 	arm band on wall hook n and pad.	visual cue to other care members of the patient's fall risk and help the patient safely ambulate. Having the chair alarm system set-up in the room makes it readily available when it is needed. This ensures the bed							
	safety points *bed alarm *stand-by-me *gait belt use *orthostatic hypotension check	Lift cover and valarm is on Remind the parme rules upon leaving **JOB AIDS: Stand-Belt, Orthostatic Hypothecks	tient stand-by- ng the room -by-Me, Gait	alarm is on upon leaving the patient. The patient can fall when they are in the bathroom alone or attempting to stand.							

ESJH	Fall Prevention Bundle-					
7 East	High Fall Risk Patients					

☐ Fall Risk	Sign on Door					
☐ Patient a	and family members are aware of					
patient l	peing high fall risk and the relevant					
care pla	_					
•	☐ Requirements for mobility/activity written on					
the boar						
_	Bed Alarm is "on" Fall Bundle Bag implemented:					
	ocks					
☐ A	m band					
☐ G	ait belt on the wall					
	nair alarm has been set up					
	m [including nurse tech] are aware of					
<u> </u>	fall prevention care plan. ention plan has been communicated					
•	de shift report [BSSR]					
	oor is open & it is written on the					
door gla	SS					

ESJH 7 East		Fall Prevention Bundle – High Fall Risk Patients	D					
	 Fall Risk Sign on Door Patient and family members are aware of patient being high fall risk and the relevant care plan 							
	Requirements for mobility/activity written on the board							
	Bed Alarm is "on" Fall Bundle Bag implemented: Socks Arm band Gait belt on the wall							
	Chair alarm has been set up Care team [including nurse tech] are aware of patient's fall prevention care plan.							
	Fall prevention plan has been communicated in bedside shift report [BSSR]							
		or is open & it is written on						