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Patient Fall Prevention

R9 West Cardiovascular

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Project: R9W Patient Fall Prevention in a Cardiology Unit

Last Updated: 2/5/2018

Executive Sponsor: Mark Parker

Facilitator: Cathy Palleschi



Team Members: R9W Quality Council & Staff, Diana Verrill, Cecilia Inman, Erica Weightman, Suneela Nayak, Stephen Tyzik, Ruth Hanselman

Problem/Impact Statement:

Every year in the United States, hundreds of thousands of patients fall in hospitals, with 30-50% resulting in injury. Injured patients require additional treatments and sometimes prolonged hospital stays. In one study, a fall with injury added 6.3 days to the hospital stay. The average costs for a fall with injury is about \$14,000.

Scope:

In scope: Clinical Staff on R-9 will reduce the amount of patients who fall in their unit.

Goal/Objective:

Overall Goal: Reduce the prevalence and severity of falls in patients hospitalized on R-9 West.

KPI 1: Educate 100% of the staff on falls

KPI 2: Reduce R-9's fall rate from an average of 2.3 falls per 1,000 patient days to 0 within two quarters.

Baseline Metrics/Current State:

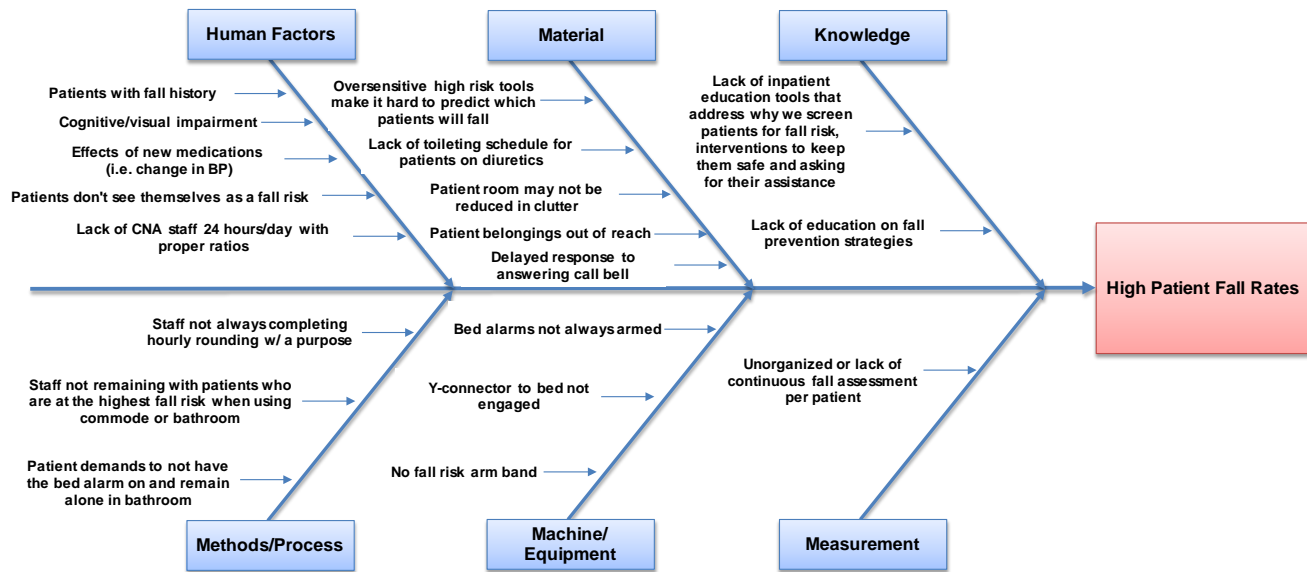
Current state:

- Due to the R-9 patient population and their procedures, all patients were considered high fall risk
- Current tool did not predict which patients could fall
- There was not an educational tool designed for high fall risk patients that explained the mitigation strategy that would be deployed to prevent falls
- There was not any identifiable marker that visibly demonstrated that the patients was at high fall risk other than a sign on the door.

Pre-KPI Performance

8 Wastes	# of Falls/Month	Waste Associated Costs (Hard \$)	
		Cost/Missed Goal (\$)	Total Waste (\$)
Defects	1,375	14,000.00	19,250.00

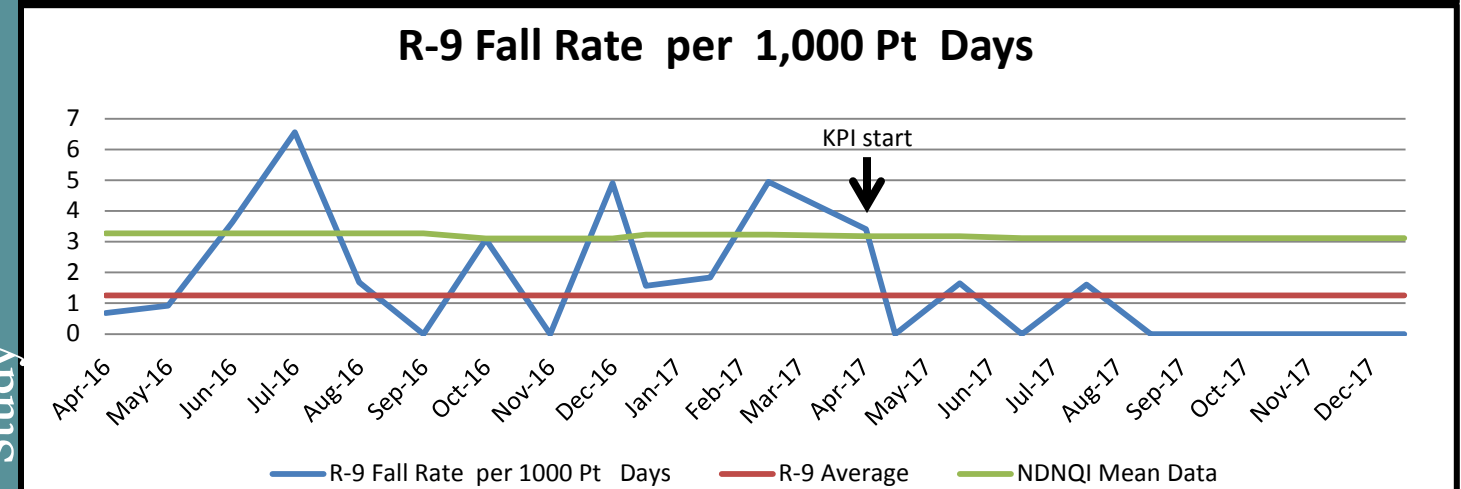
Root Cause Analysis:



Countermeasures

Action	Owner	Due Date	Status
Conduct a root cause analysis	Diana Verrill	4/12/2017	Complete
Review AHRQ Fall tool kit	Quality Committee	4/12/2017	Complete
Develop & educate 100% of the staff on falls	Diana Verrill	5/17/2017	Complete
Start mitigation strategy, monitor the number of falls and post results	Quality Committee	5/17/2017	Complete
Document STRATIFY & post daily in patient room while concurrently completing fall risk tool in Epic	All staff	5/17/2017	Complete
Seek fall risk clip for ID bracelet	Stephen Tyzik & Cathy Palleschi	NOW	Incomplete
Develop a patient educational tool that help pts understand the mitigation strategy R-9 is using to prevent falls.	All staff	6/17/2017	Complete
Share the tool with house-wide fall committee for their feedback	Cathy Palleschi	6/23/2017	Complete

Outcomes



Post-KPI Year-to-Date Sustainment

Month	# Falls/Month	Total Waste (Hard \$)	Savings (Hard \$)
1	2	\$28,000.00	-\$8,750.00
2	0	\$0.00	\$19,250.00
3	1	\$14,000.00	\$5,250.00
4	0	\$0.00	\$19,250.00
5	0	\$0.00	\$19,250.00
6	0	\$0.00	\$19,250.00
7	0	\$0.00	\$19,250.00

Next Steps

Continue concurrent documentation of fall risk tool and STRATIFY tool, deploy the fall risk bracelet & assess patients reaction and deploy the fall risk education toll and assess feedback from patients

Plan

Do

Study

Act