

Feb

Jan

STAFF

Mar

→ Fall Rate in Year 2018

Sustainability Phase: Fall Prevention in Rehab Wards at Ang Mo Kio



Ms Sreelekha Nair Rehab at Ang Mo Kio (AMK)

Mission Statement

To reduce inpatient fall rate in Rehab Wards from current fall rate of 1.8/1000 patient days to 1.0/1000 patients days over a sustained period

Team Members						
	Name	Designation	Department			
Team Leader	Ms Sreelekha Nair	Nurse Clinician	Rehab @ AMK			
Team Members	Mr Satria Ayu Bin Ramjudi	Senior Staff Nurse	Rehab @ AMK			
	Ms Sinny Sebastian	Senior Staff Nurse	Rehab @ AMK			
	Ms Kristine Daet	Senior Staff Nurse	Rehab @ AMK			
	Dr Low Yee Hong	Senior Resident	Rehab @ AMK			
	Ms Priya Rajendran	Senior Assistant Nurse	Rehab @ AMK			
	Ms Tan Sheyin	Physiotherapist	Rehab @ AMK			
Sponsor	Ms Magdalene Lim	Senior Nurse Manager	Rehab @ AMK			
Mentor	Ms Goh Lee Lee					

Evidence for a Problem Worth Solving Inpatient Fall Rate Per 1000 Patient Days in Rehab Wards Year 2018 versus Year 2019 3.5 **Median Jan to Aug Median Jan to Aug in Year 2019 in Year 2018 = 1.35** per 1000 Patient Days 0.5

TTSH inpatient fall rate target = 1.0/1000 patients days

Nov

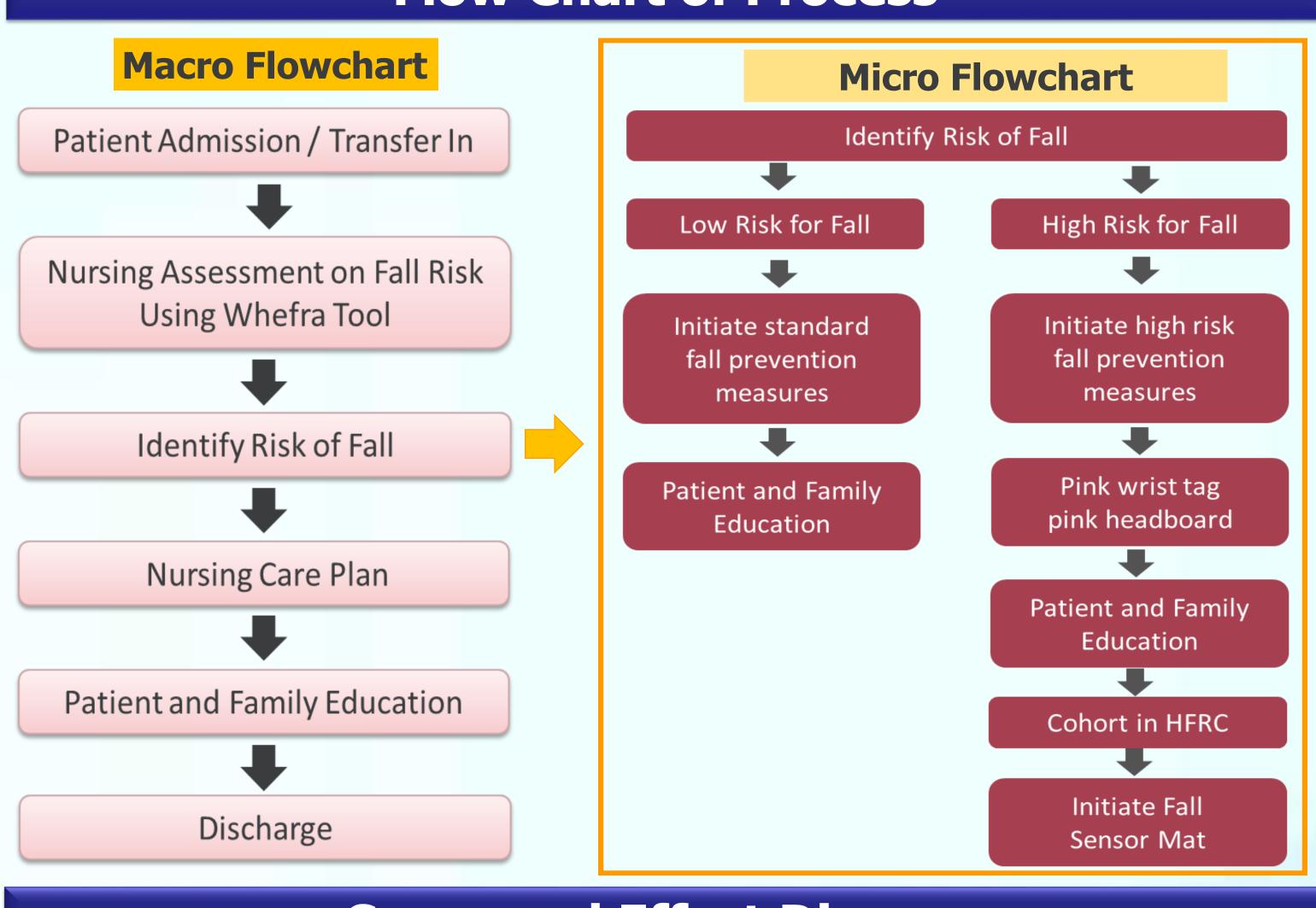
Dec

Sep

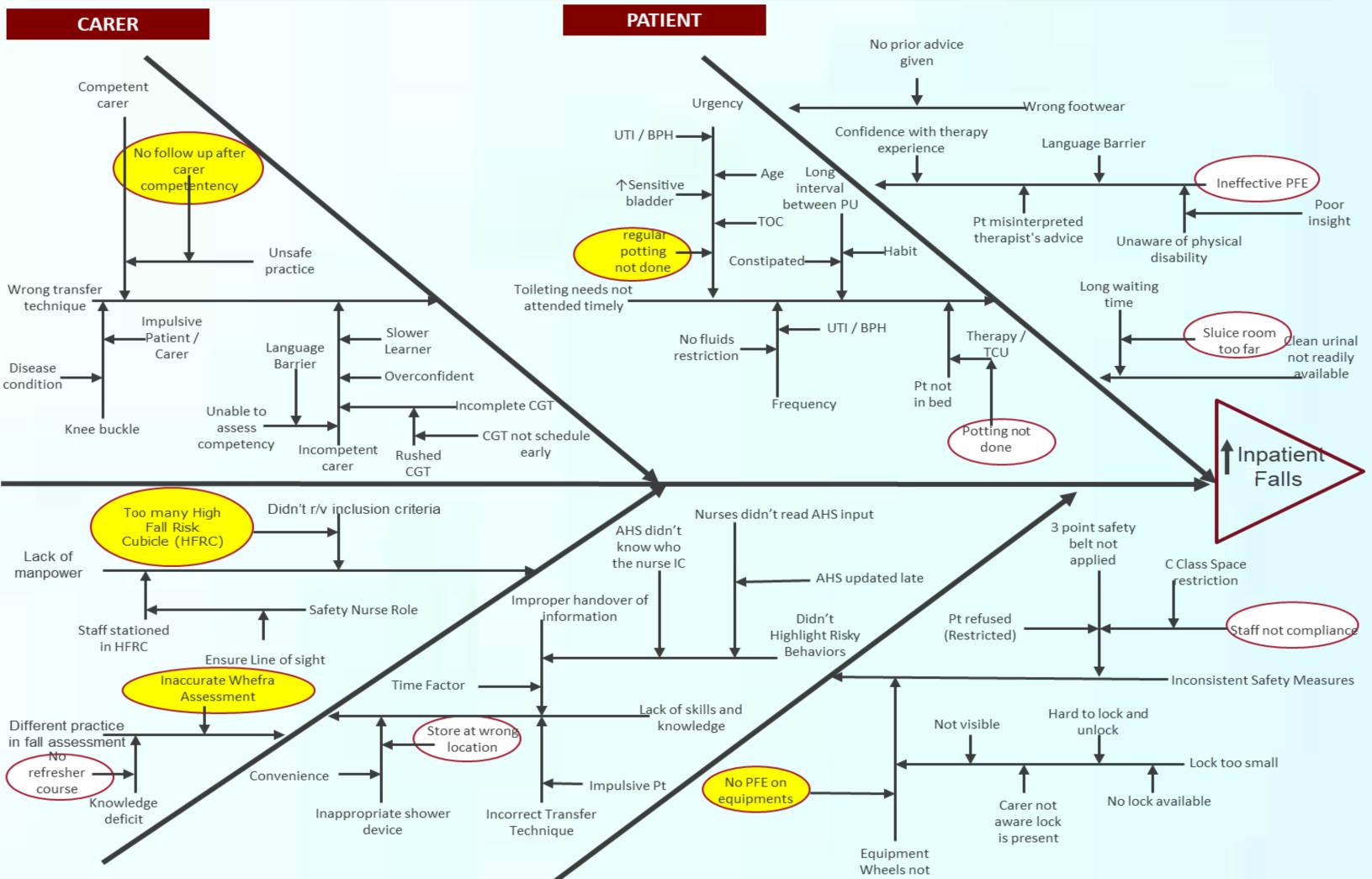
→ Fall Rate in Year 2019

Oct

Flow Chart of Process



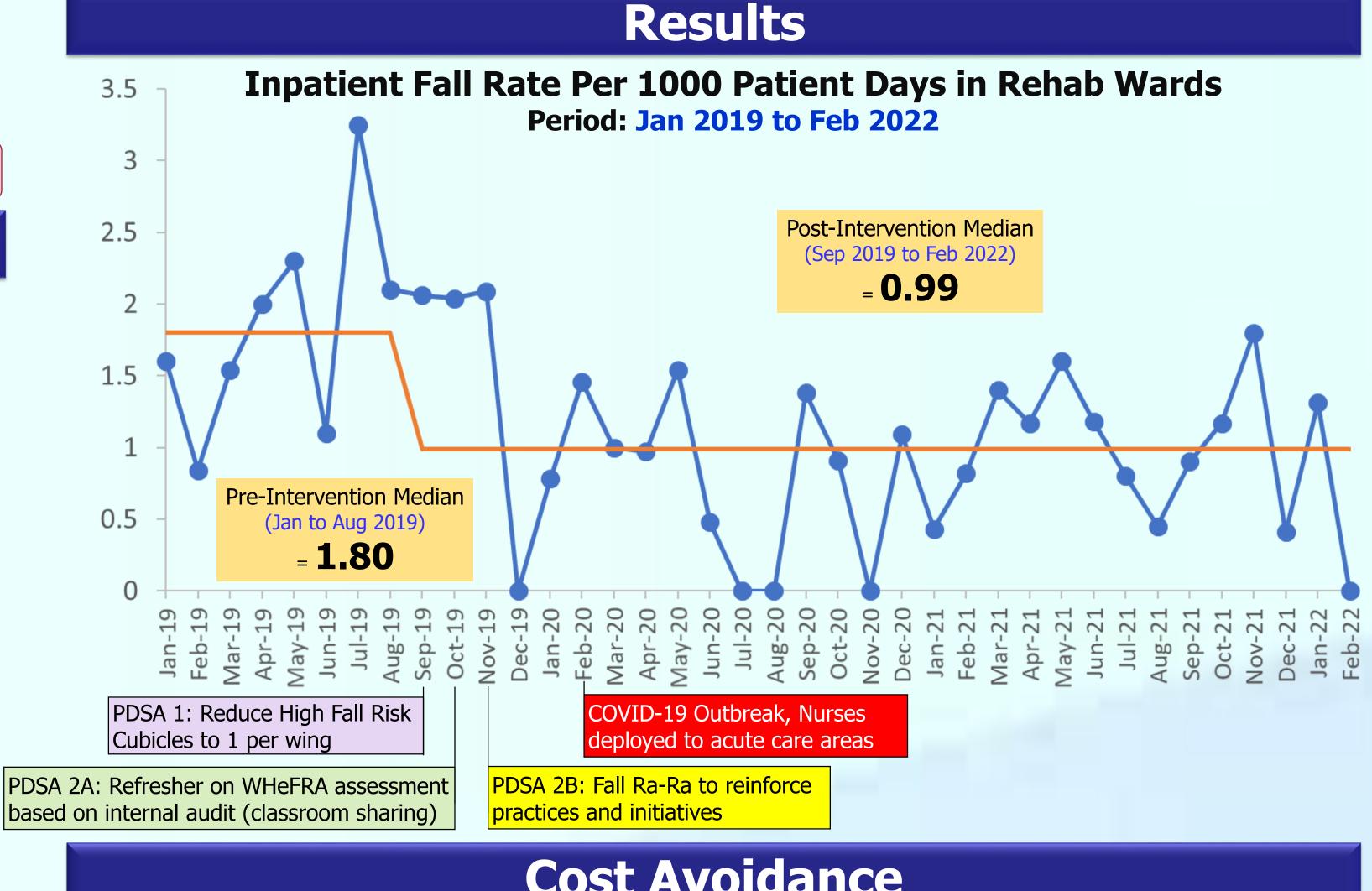
Cause and Effect Diagram No prior advice



EQUIPMENTS/ENVIRONMENT

Pareto Chart Causes that resulted in the Inaccurate WHeFRA Cause 1 increased of inpatient falls in Rehab Wards assessment 10 No PFE on equipments Cause 2 Too many High Fall Risk Cause 3 Cubicle (HFRC) 40 8 No follow up after carer Cause 4 competency

Cause 1 Cause 2	Cause 3 Cause 4 Cause 5	Cause 5	Regular potting not done					
Implementation								
Root Cause	Intervention							
Cause 3: Too many High Fall Risk Cubicle (HFRC)	PDSA 1: Reduce High For Cubicles to 1 per wing Implementation Date: 1 Sep 201		STAY IN					
Cause 1: Inaccurate WHeFRA Assessment	PDSA 2A: Refresher on assessment based on intaudit (classroom sharing Implementation Date: 2 Oct 201 PDSA 2B: Fall Ra-Ra to practices and initiatives Implementation Date: 1 Nov 201	ternal () 9 reinforce						



Cost Avoidance							
	Year 2018	Year 2019	Year 2020				
Number of Level 3 Injury related to Falls	1	0	0				
Impact	Patient stayed in hospital for another 3 weeks then transferred to Nursing Home		_				
Cost Avoidance	(3 weeks x 7 Days) x \$1,114 = \$23,394						

Note: Unit Cost for Inpatient Stay Per Day Per Patient in TTSH = \$1,114

Problems Encountered

- 1. Need to do multiple sharing to reach out to large group of nurses
- 2. Every healthcare workers play a part in fall prevention

Strategies to Sustain

- 1. Continue monthly random audit on WHeFRA documentation
- 2. Unit based orientation for new joiners in the department on new initiatives for compliance
- 3. Active screening and cohorting of high fall risk patients to fall risk cubicle
- 4. 6 Monthly Fall Ra-Ra