

Project Title

Sustainability Phase: Prevention of Incontinence Associated Dermatitis

Project Lead and Members

Project lead: Wang Xiaxia, Jennifer Li Yuan

Project members: Joyce Cabradilla, Hazel Lee, Priscilla Chen, Nursharison, Athena

Organisation(s) Involved

Tan Tock Seng Hospital

Healthcare Family Group(s) Involved in this Project

Medical, Nursing

Applicable Specialty or Discipline

Geriatric, Dermatology

Project Period

Start date: 15 June 2018

Completed date: December 2019

Aims

To reduce Incontinence Associated Dermatitis (IAD) from 33% to 10% (stretch goal = 0%) in Geriatric Ward 7D over a sustained period

Project Attachment

See poster attached/below

Background

See poster attached/below

Methods

See poster attached/below

Results

See poster attached/below

Lessons Learnt

1. Improving as we do things
2. Prevention is cheaper and better than cure
3. Staff commitment and assertion is essential to sustain this project
4. Change in practice based on evidence and best practice is most satisfying as it anchors the success of improving patient care

Conclusion

See poster attached/below

Additional Information

Accorded the NHG Quality Day 2021 (Category A: Improving and Sustaining Quality & Safety) Best Award

Project Category

Care Continuum

Inpatient Care

Care & Process Redesign

Quality Improvement, Clinical Practice Improvement

Keywords

Incontinence Associated Dermatitis, Geriatric

Name and Email of Project Contact Person(s)

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Ms Jennifer Li Yuan & Ms Wang Xiaxia
Nursing Service

Mission Statement

To reduce Incontinence Associated Dermatitis (IAD) from 33% to 10% (stretch goal = 0%) in Geriatric Ward 7D over a sustained period

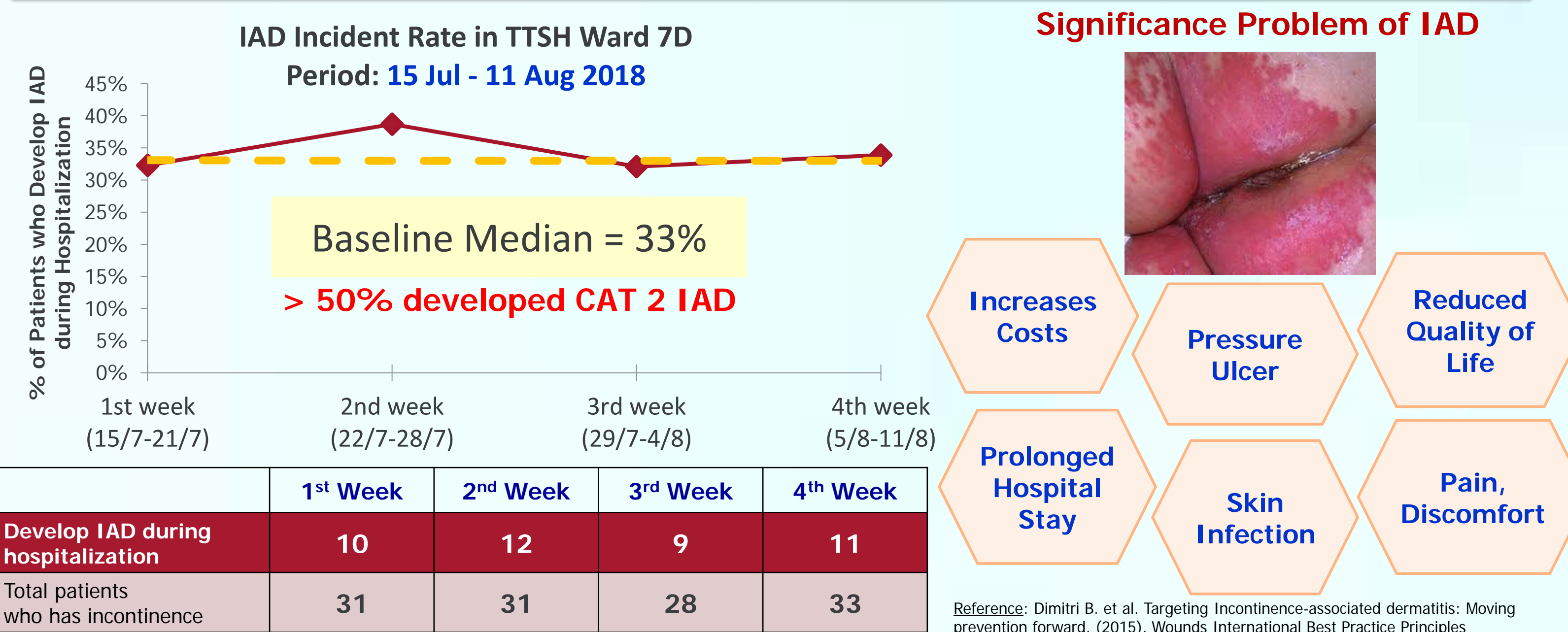
Team Members

	Name	Designation	Department
Team Leaders	Wang Xiaxia	Nurse Educator	Nursing Service*
	Jennifer Li Yuan	Advanced Practice Nurse	Nursing Service
Team Members	Joyce Cabradilla	Resident Physician	Geriatric Medicine
	Hazel Lee	Assistant Nurse Clinician	Ward 7D
	Priscilla Chen	Senior Staff Nurse	Ward 7D
	Nursharison	Senior Enrolled Nurse	Ward 7D
	Athena	Enrolled Nurse	Ward 7D

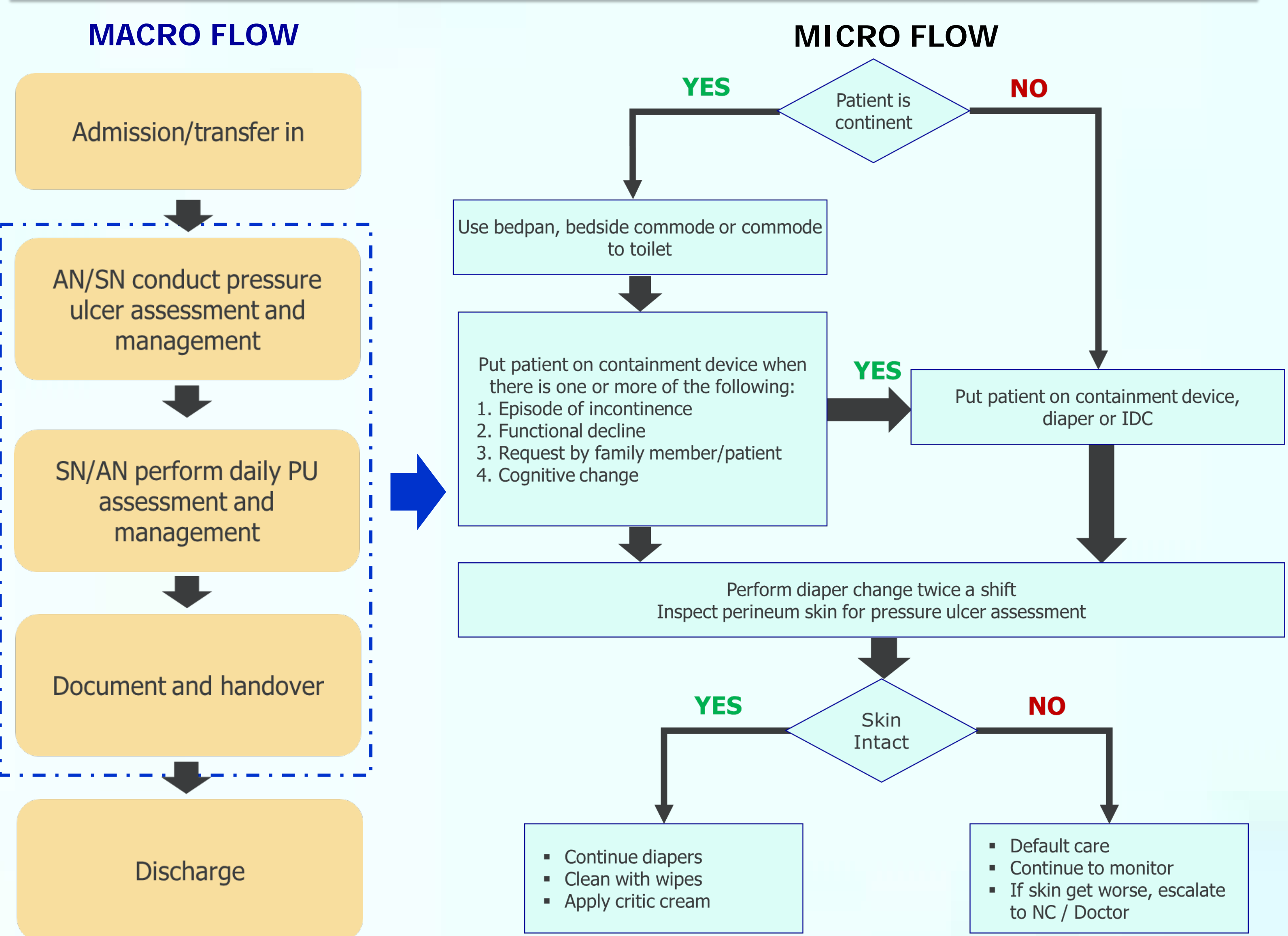
Advisors: A/Prof Alan Ng & Ms Goh Cheng Cheng
Sponsor: Ms Kalaihelvi Govindaraju

* Note: Present department is at Ward 7B

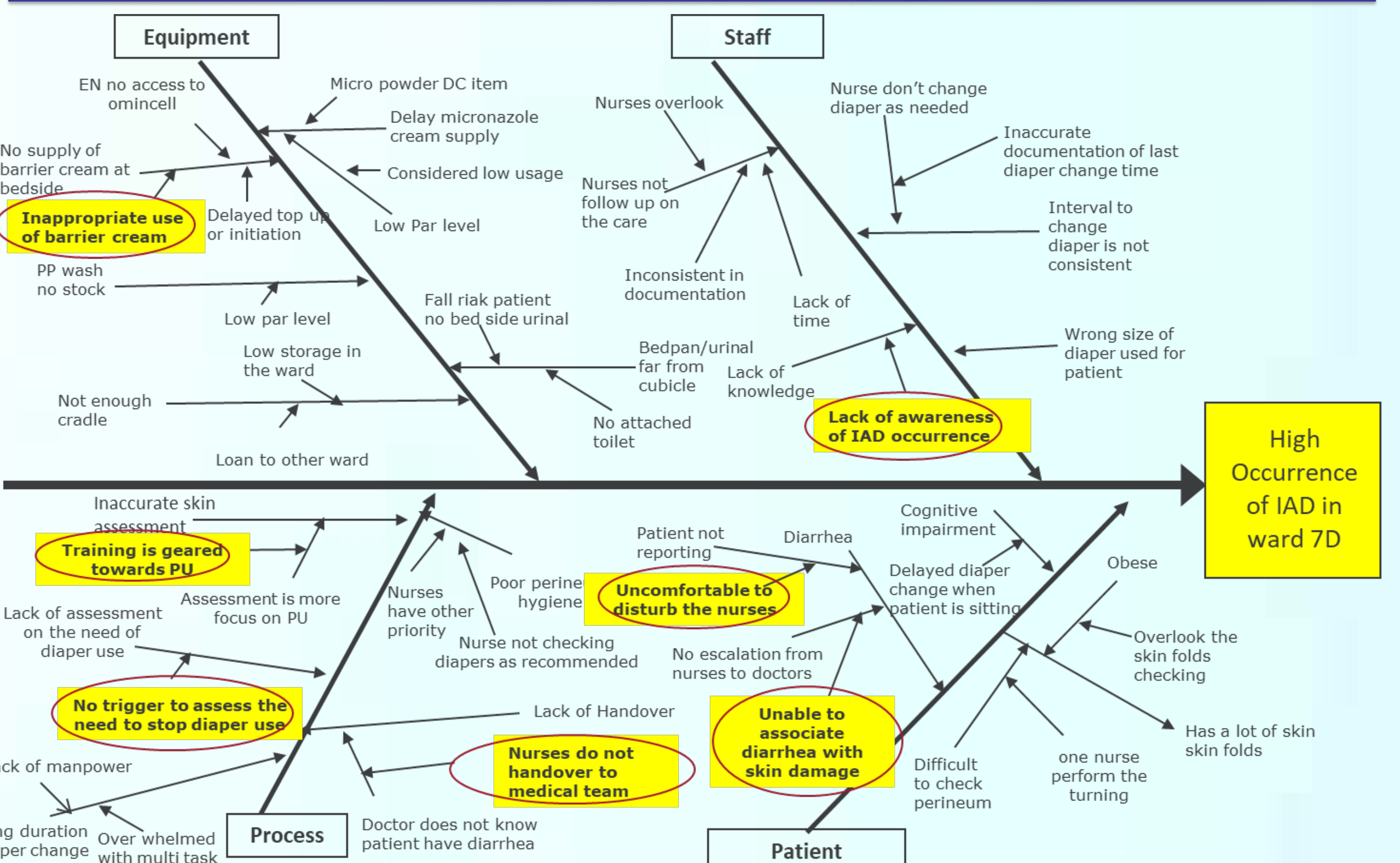
Evidence for a Problem Worth Solving



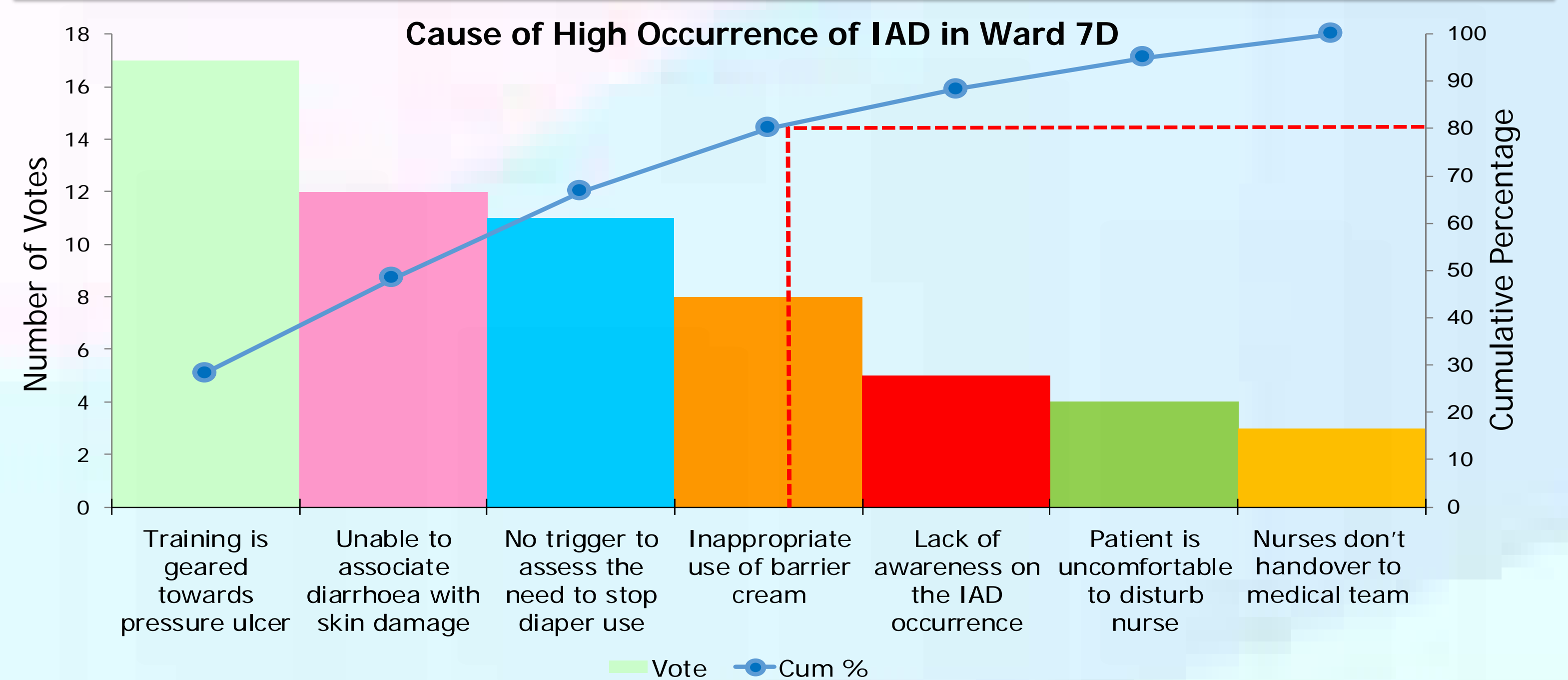
Flow Chart of Process



Cause and Effect Diagram



Pareto Chart



Implementation

IAD Assessment & Management Poster

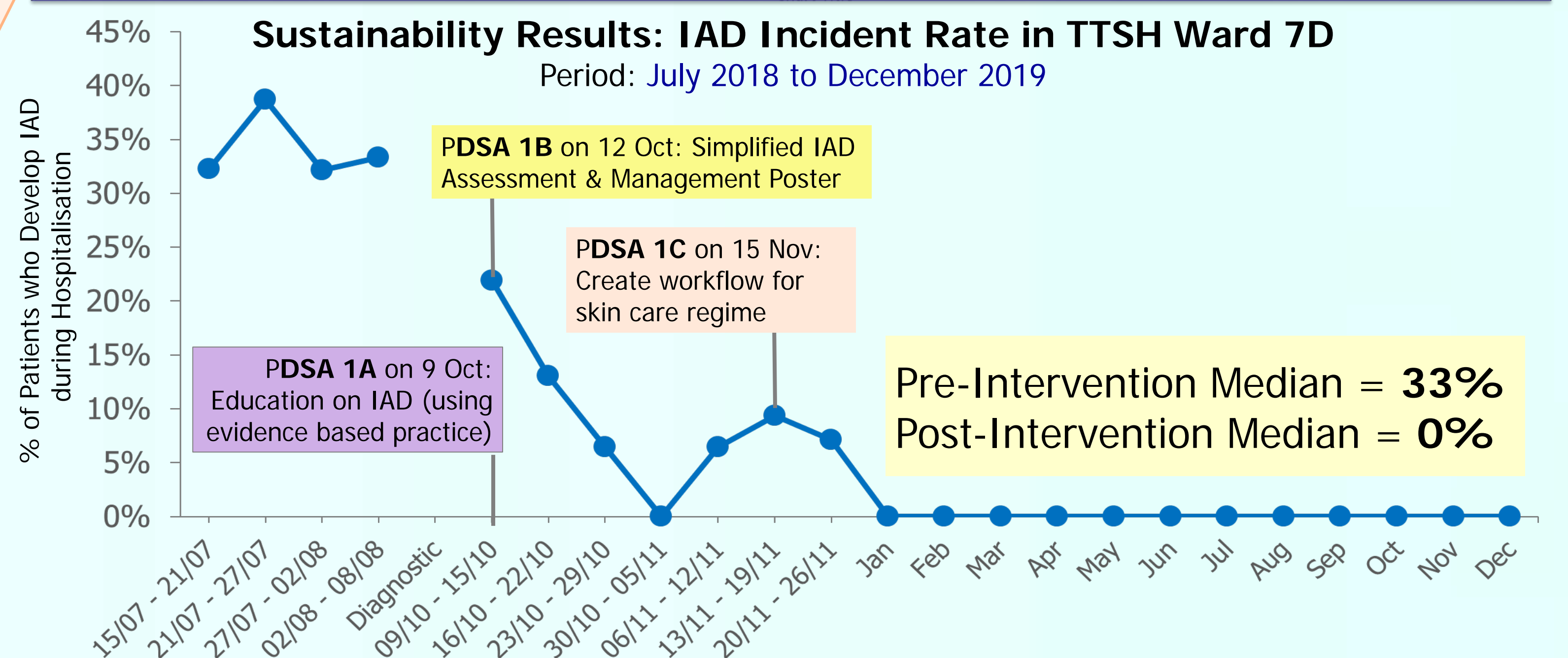
Root Cause:
Training is geared towards pressure ulcer

Intervention:
Education on IAD to reduce knowledge gaps

Implementation Date:
9 Oct 2018

Incontinence Associated Dermatitis (IAD) Management	
Identification	Patient with incontinence
Assessment	Clinical Presentation
	Signs
Treatment	Prevention TO-C2
	Management TO-C4

Results



Cost Savings

	Item	Pre Intervention	Post Intervention	Outcome
Per Patient	Mean Time Taken (mins)	20	2	-18
	Estimated Manhour Cost(s) Saved (\$)	\$49.50	\$0.00	-\$49.50
	Cost of Treatment(s) (\$)	\$21.40	\$0.00	-\$21.40
	Manpower Savings (\$)	\$70.90	\$0.00	-\$70.90
Annualized	Mean Time Taken (mins)	31,200	3,120	-28,080
	Estimated Manhour Cost(s) Saved (\$)	\$77,220.00	\$0.00	-\$77,220.00
	Cost of Treatment(s) (\$)	\$33,384.00	\$0.00	-\$33,384.00
	Total Manpower Savings (\$)	\$110,604.00	\$0.00	-\$110,604.00

Lessons Learnt

- Improving as we do things
- Prevention is cheaper and better than cure
- Staff commitment and assertion is essential to sustain this project
- Change in practice based on evidence and best practice is most satisfying as it anchors the success of improving patient care

Strategies to Sustain

- Share success with all the nurses
- Install a sense of ownership
- Identify ward champion to monitor the process and train the rest of nurses
- Incorporate the new work process into new nurses orientation
- Celebrating success