

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

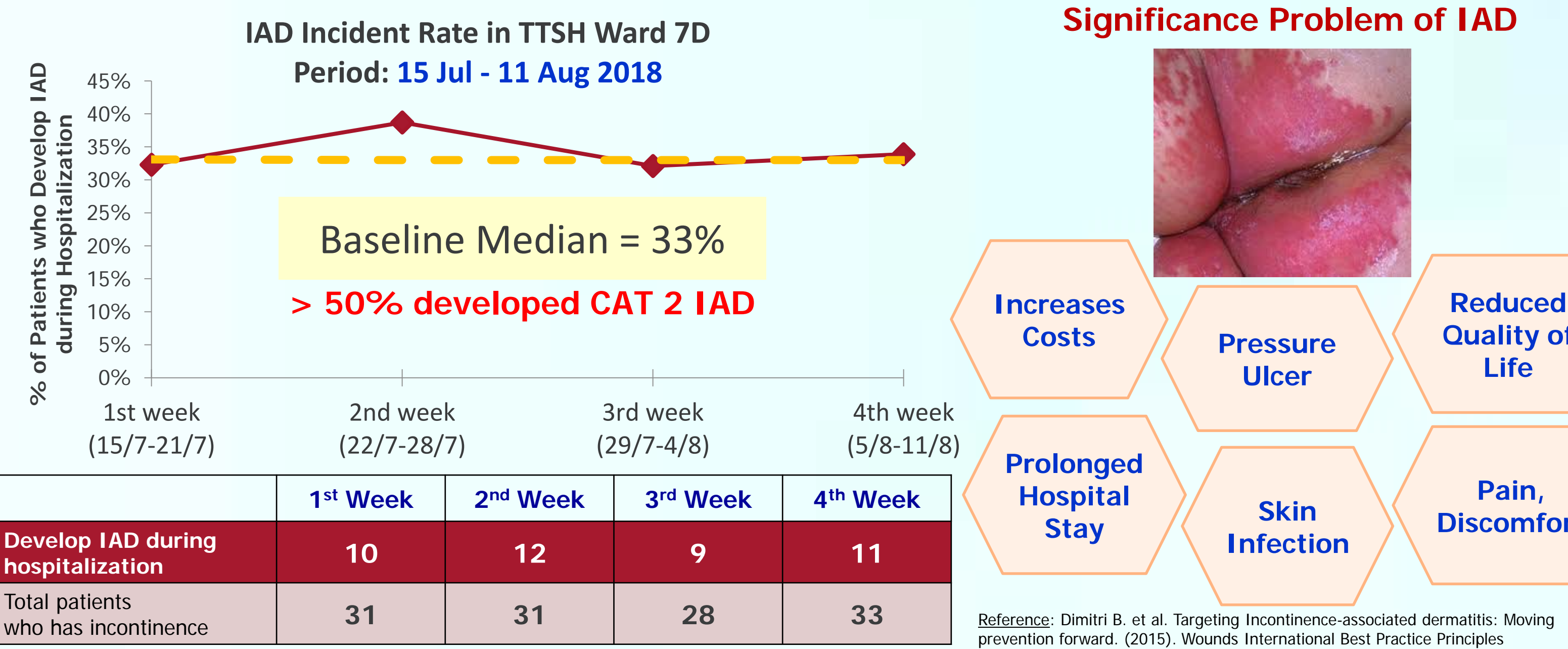
Team Members

	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

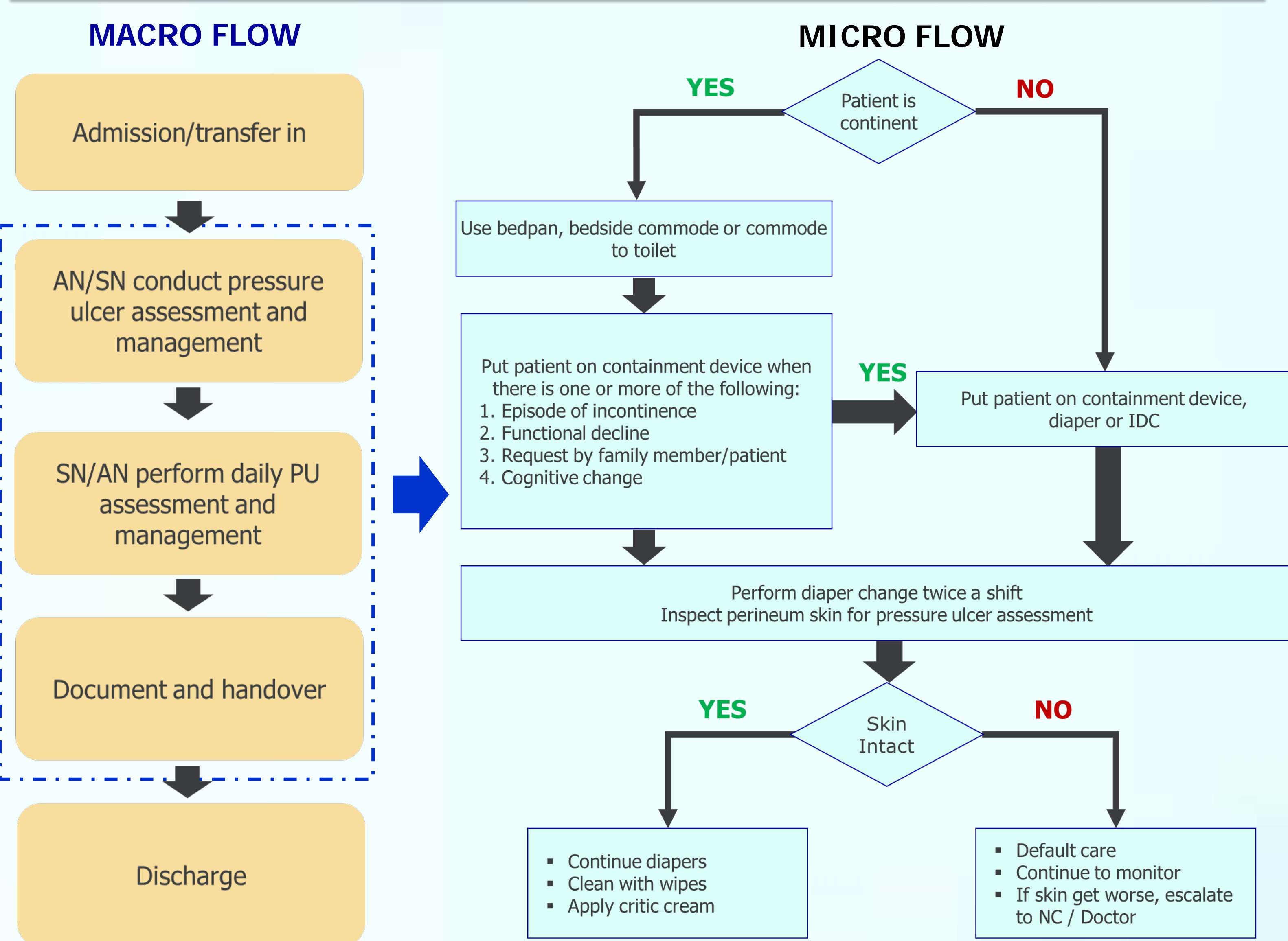
Advisors: A/Prof Alan Ng & Ms Goh Cheng Cheng
Sponsor: Ms Kalaihelvi Govindaraju

* Note: Present department is at Ward 7B

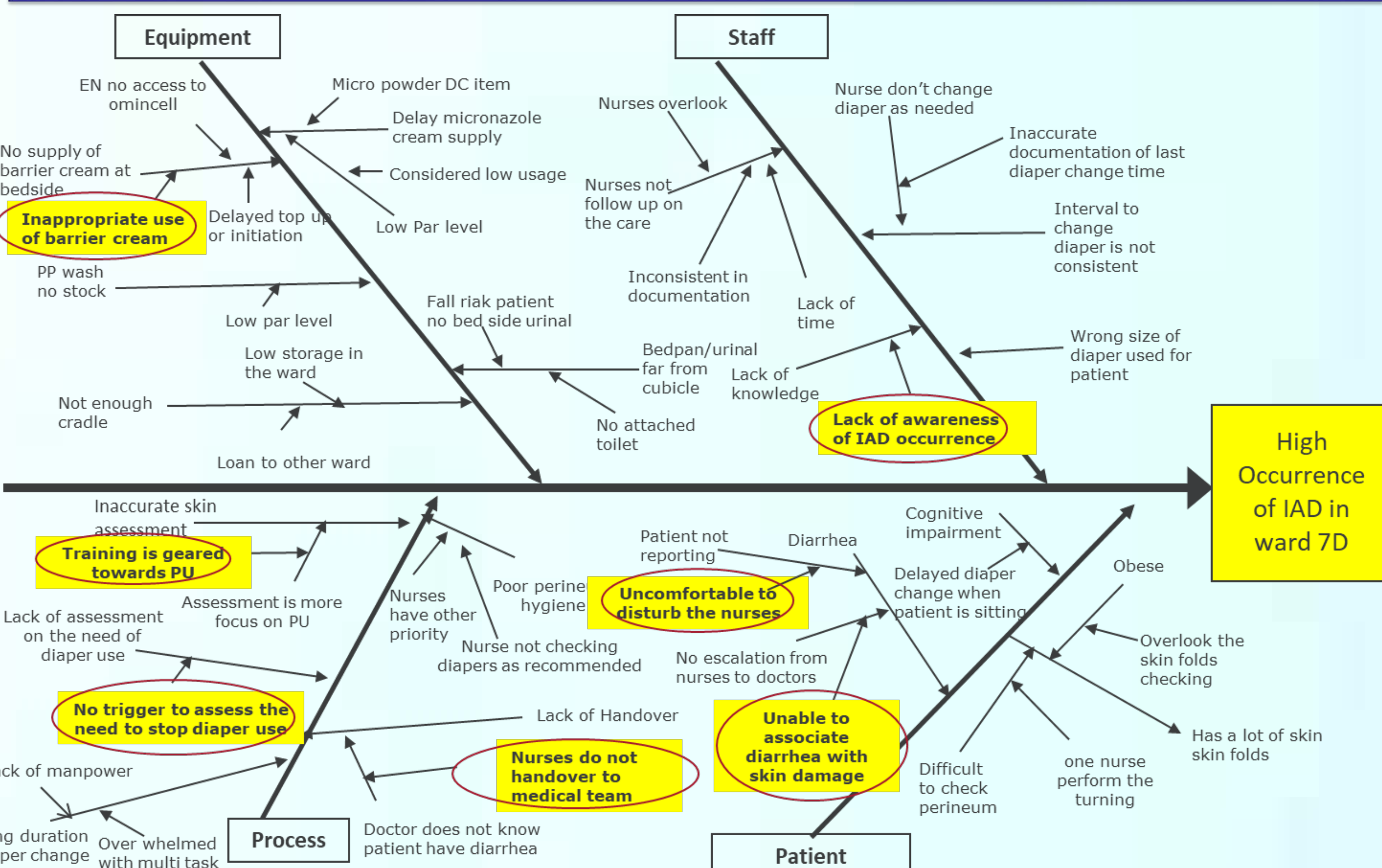
Evidence for a Problem Worth Solving



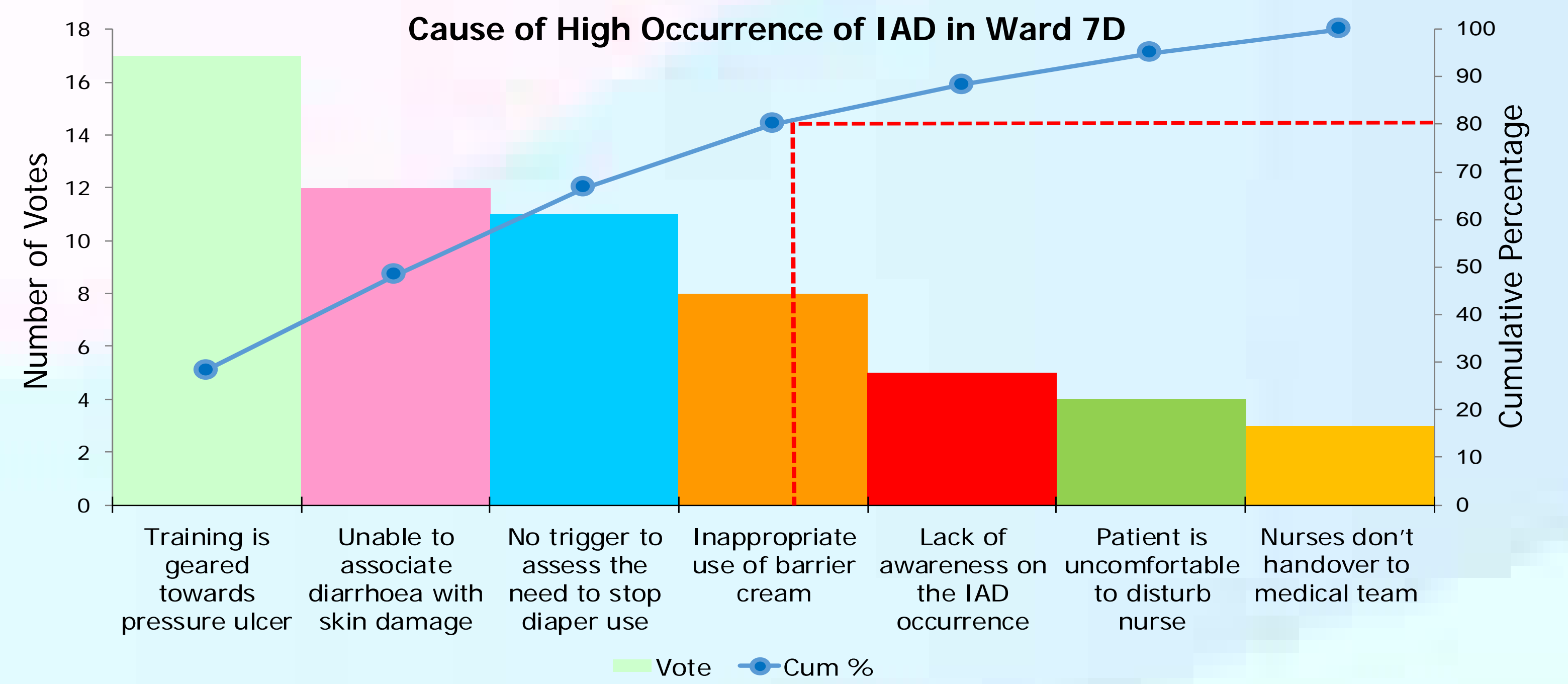
Flow Chart of Process



Cause and Effect Diagram



Pareto Chart



Implementation

IAD Assessment & Management Poster

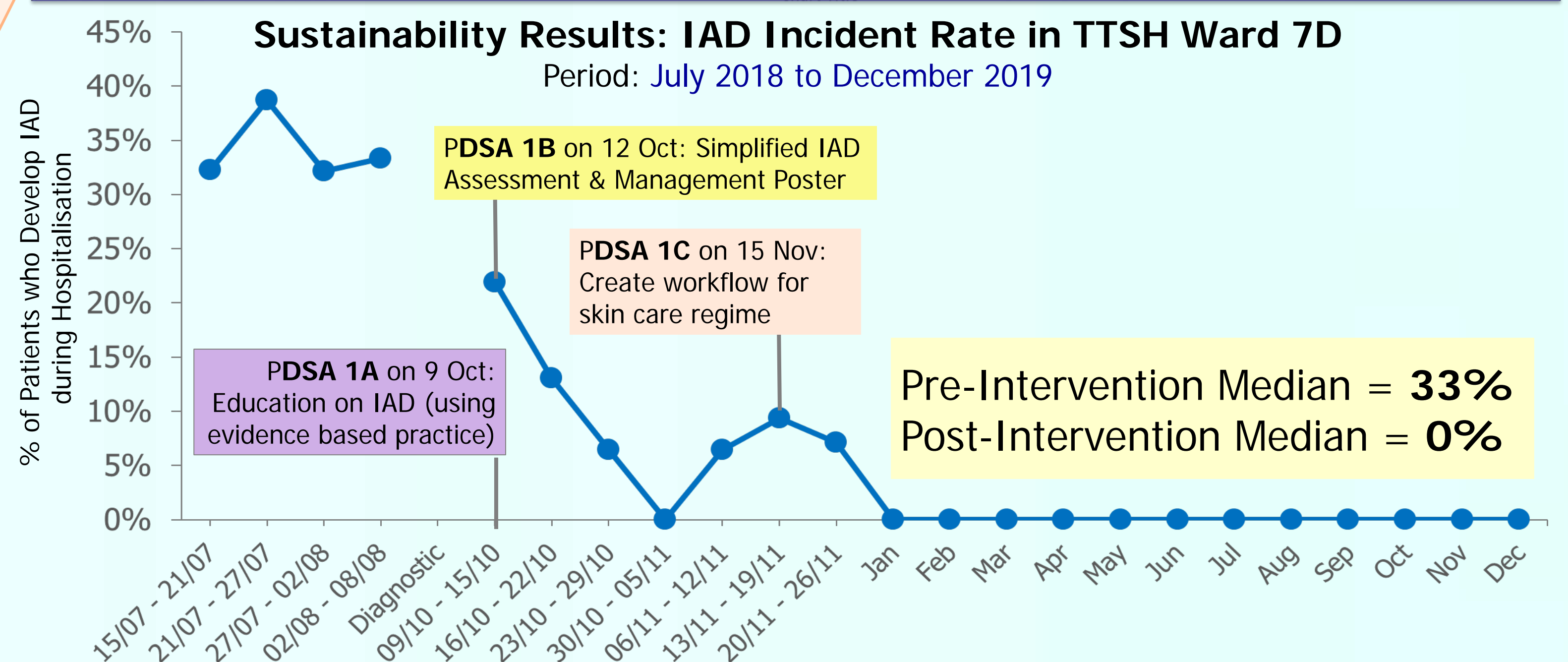
Root Cause:
Training is geared towards pressure ulcer

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

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

Strategies to Sustain

1. Share success with all the nurses
2. Install a sense of ownership
3. Identify ward champion to monitor the process and train the rest of nurses
4. Incorporate the new work process into new nurses orientation
5. Celebrating success