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CELEBRATION: A HAPI IMPROVEMENT IN DSU

BACKGROUND

- Hospital acquired pressure ulcers/injury are detrimental to patient quality of life, morbidity, mortality, & cost to the healthcare industry (Tallier et al., 2017)
- Greater amounts of linen placed on the bed adversely affect the microclimate (skin temperature and moisture) leading to increases in pressure ulcer development (Di Perri et al, 2014; Williamson et al., 2013)
- Adult diapers are associated with increase rates of dermatitis & skin breakdown (Bender et al., 2017)
- Pressure ulcers are preventable

LOCAL CONTEXT

- 4th quarter of 2016 through 1st quarter of 2018 the percent of DSU patients with pressure injury was as high as 7.1%
- National Benchmark (NDNQI) is 2% or less

PURPOSE

This evidence-based Quality Improvement was to determine the impact of nursing education, a change in linen practices (bed making), removing diapers as an option for incontinent patients, and a skin order set on adherence to the “bundle” and on the development of hospital acquired pressure injury (HAPI).

ACKNOWLEDGEMENT

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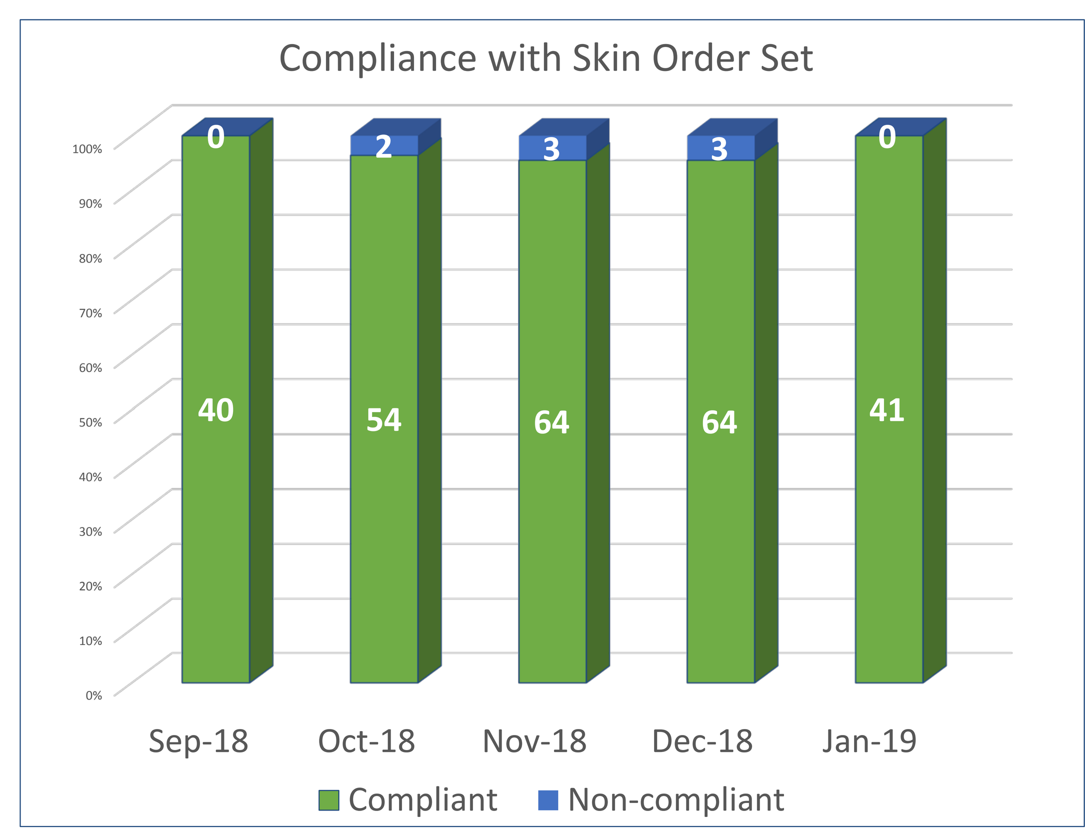
METHODS

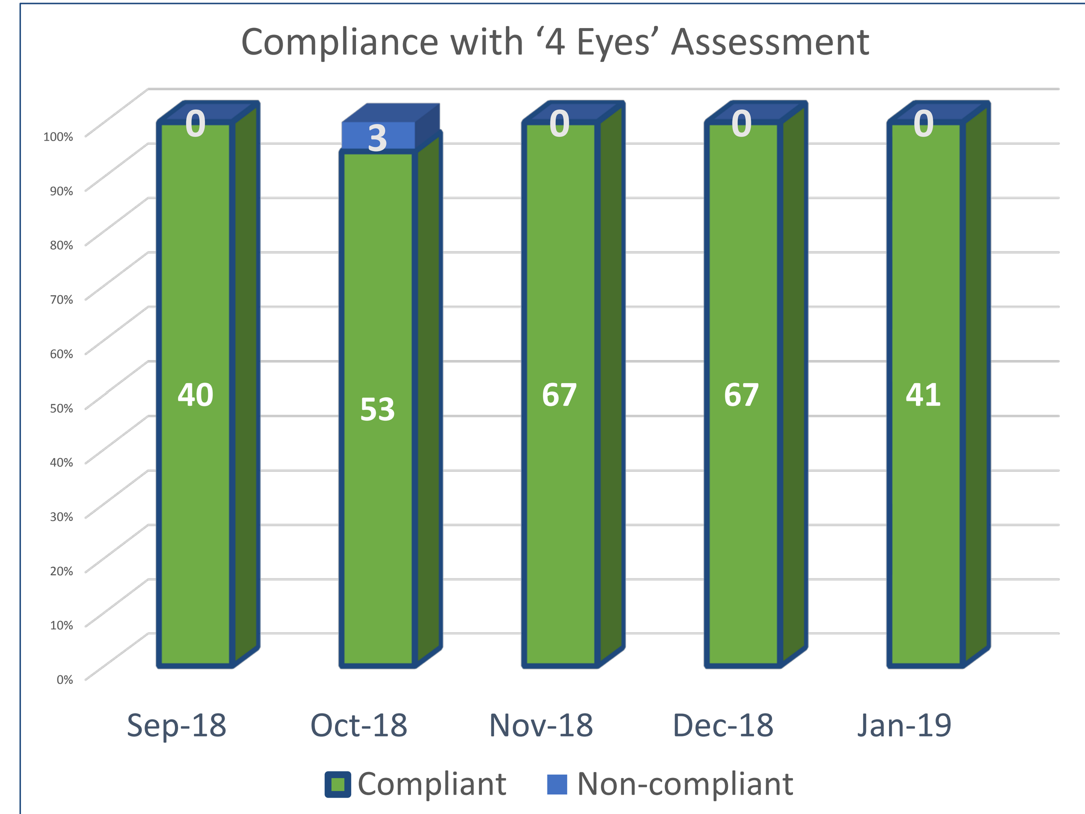
Evidence-based QI project
Setting: DSU
Procedure:

- Less linen on continent patients
- Use absorbent dry air permeable incontinence pads instead of adult diapers
- Standard Order- for a Braden Score of 18 or less
- Routine auditing & re-education for ‘four eyes’ assessment & Standard Order set
- Re-education on turning patients every two hours

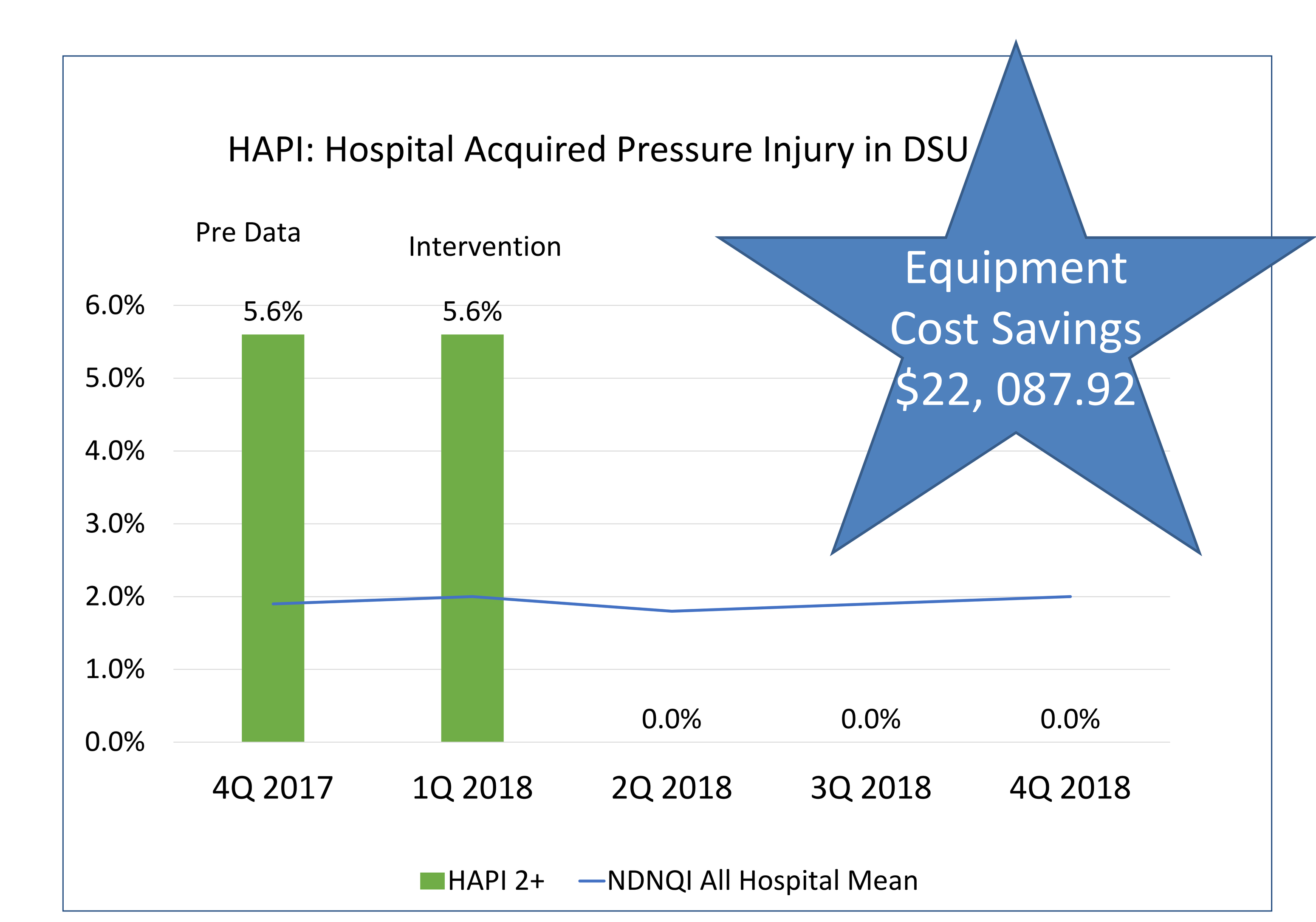
Data Collection:

- Audit 30 or more medical records monthly
- Monitor costs of linen
- Monitor percentage of HAPI





RESULTS AND OUTCOMES



RECOMMENDATIONS

- This project is easily transferrable to other inpatient units.

CONCLUSIONS/DISCUSSION

- Application of evidence to a significant patient care issue resulted in zero non-device associated HAPIs for 3 quarters.
- Involvement of physicians is essential in achieving goals.
- Audits on a continuing basis help in keeping projects on track.
- Education and re-education as necessary is vital for success.

REFERENCES

available upon request:

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