

# Implementing Two-Nurse Admission Skin Assessments to Reduce Hospital-Acquired Pressure Injuries

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## Problem Statement

- ❖ A single hospital-acquired pressure injury (HAPI) adds an estimated \$14,506 to a hospital stay
- ❖ HAPIs costs the nation up to \$26.8 billion annually.
- ❖ A medical-surgical unit in a large academic center in the northeast US found a three-fold increase in HAPIs in the calendar year 2022 as compared to the calendar year 2020.
- ❖ A chart review conducted between July and September 2022 revealed zero patients had a two-nurse skin assessment documented on admission.

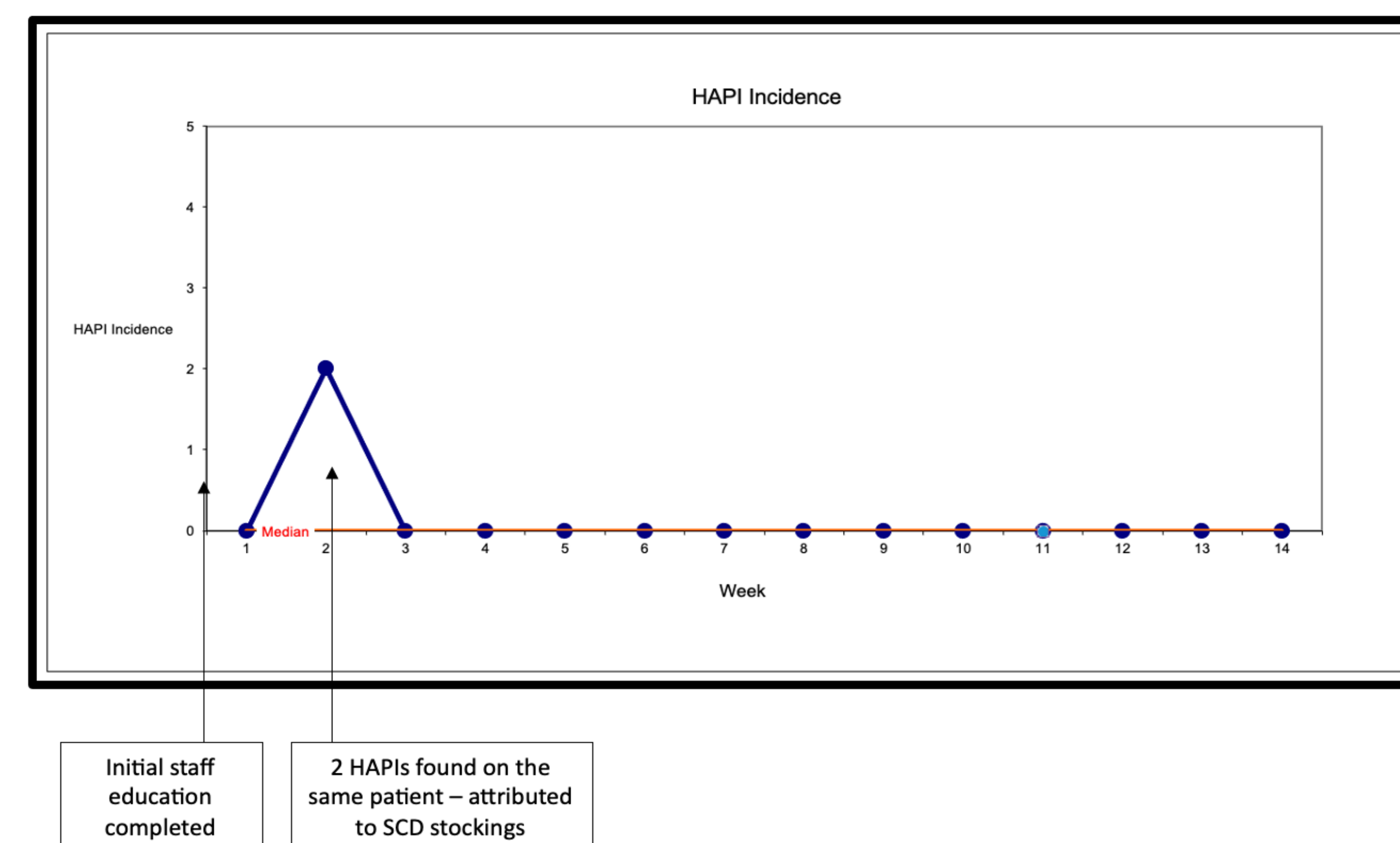
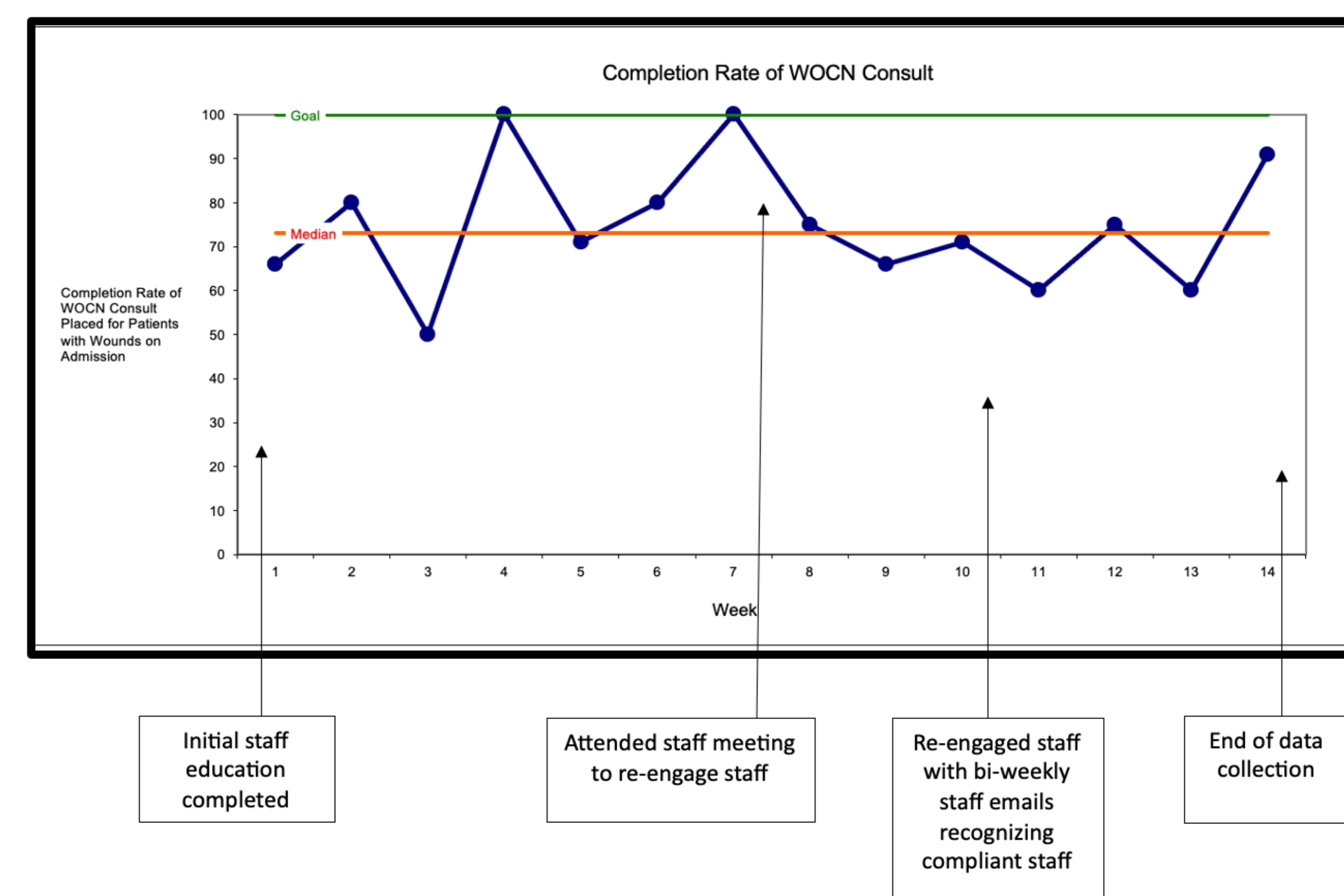
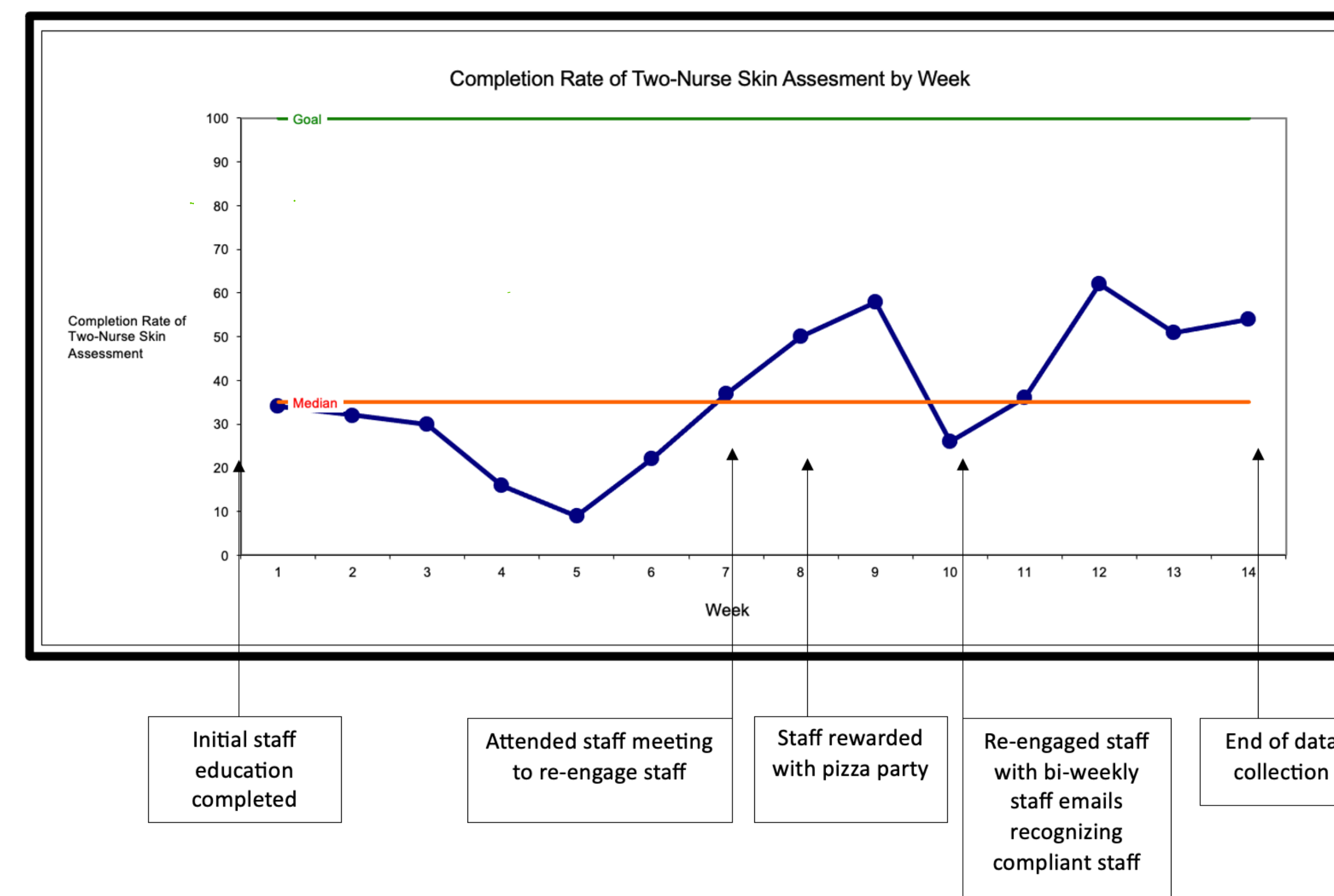
## Purpose of Project

- ❖ Increase admission skin assessment completion rate to 100% via the two-nurse skin assessment technique.
- ❖ Increase wound ostomy continence nurse (WOCN) consult placement on patients with a pressure injury on admission to 100%.
- ❖ Decrease the HAPIs incidence on a medical-surgical unit to zero.

## Methods

- ❖ 15-week project completed fall 2023; one week education preceded data collection.
- ❖ **Setting:** Medical surgical unit of a large academic medical center.
- ❖ **Intervention:** Two nurses complete a Two-Nurse Admission Skin Assessment on all patients within 24 hours of being admitted to the unit. If a wound is found on admission, RN place a WOCN consult to receive wound care recommendations.
- ❖ **Process Measures:** Completion rates of a two-nurse skin assessment. Completion rates of a WOCN consult ordered.
- ❖ **Outcome Measure:** Number of HAPIs charged to the unit.

## Results



## Discussion

- ❖ Average completion rate of Two-Nurse Admission Skin Assessment = 39%. 136 patients had a Two-Nurse Admission Skin Assessment / 345 total patients admitted to the unit. (GOAL: 100%)
- ❖ Average completion rate of placing WOCN Consult= 75%. 78 patients had a WOCN consult placed / 103 total patients had wound on admission. (GOAL: 100%)
- ❖ 2 HAPIs charged to the unit, neither wounds present on admission. (GOAL: 0)
- ❖ Low compliance with two-nurse admission skin assessment completion can be attributed to low RN staffing & the unit utilizing many supplemental float nurses.
- ❖ Literature suggest greatest HAPI prevention results when Two-Nurse Admission Skin Assessment is combined with other methods in a bundle approach.
- ❖ The completion of a Two-Nurse Admission Skin Assessment does not prevent HAPIs from occurring but may prevent the unit from being charged for HAPIs found present on admission

## Conclusions

**Contribution to Profession:** Potential to improve patient outcomes and decrease hospital costs by identifying HAPIs on admission and streamlining wound care within 24 hours of unit admission. Potential to save hospital \$14,500 per patient who arrives with a HAPI on admission.

**Spread:** Plans to implement as a hospital-wide policy. Disseminate result to Hospital Skin Care Committee & Advanced Practice Providers hospital-wide.

**Sustainability:** Senior staff completing monthly audits. Hospital-wide training.

## References

