



Washington Hospital Healthcare System

Reducing hospital acquired pressure ulcer by using an evidence-based standardized nursing procedure

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Provided by Beacon Collaborative
www.beaconcollaborative.org



Background

- The hospital acquired pressure ulcer (HAPU) rate at a forty bed medical-surgical unit was much higher than the California Nursing Outcomes Coalition database project (CalNOC) benchmark (6.07% versus 3.38%).



Purpose

- The purpose of the project is to reduce the number of HAPU by implementing an evidence-based standardized nursing procedure.



Methods

- Literature synthesis
- Pressure ulcer prevention care standardized procedure created
- Staff education
- Standardized procedure implemented for patients with admission Braden score ≤ 18



Form



1PO

Braden Scale Score: _____

If patient is at risk (Braden Scale total score less or equal to 18) of developing pressure ulcers:

- Initiate Pressure Ulcer Prevention & Management Protocol
- Turn every 2 hours
- Pre albumin level now and weekly
- Air mattress overlay with pump

- Boot Heel Lift Suspension Left / Right / Bilateral
- Wound Care Nurse consult
- Nutrition consult (Braden Scale total score less or equal to 14)
- Wheel chair cushion

Date _____ Time _____ RN Signature _____ per Standardized Procedure

**NO ADDITIONAL ORDERS
ARE TO BE WRITTEN
ON THIS FORM**

3007-PU (12/23/06)

Washington Hospital Healthcare System

Washington Township Healthcare District
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**PRESSURE ULCER PREVENTION CARE
PER STANDARDIZED PROCEDURE**

PATIENT LABEL



Intervention

for patients with admission Braden score ≤ 18

- Turn Q2H
- Pre-albumin level at admission and weekly
- Air mattress overlay
- Heel suspension boot
- Wound care consult
- Nutrition consult
- Wheel chair cushion



Intervention





Intervention

TLCannula

Gray colored, soft foam ear cushions are pre-assembled over the cannula headset tubing for comfort and convenience.

Fully adjustable for maximum comfort by sliding back and forth on cannula head tubing for optimum fit.





Data Collection

- Collaborative Alliance for Nursing Outcomes (CALNOC): Nursing quality database which measures patient care outcomes to advance patient care excellence
- HAPU data collected by quarterly CALNOC pressure ulcer prevalence study



Outcomes

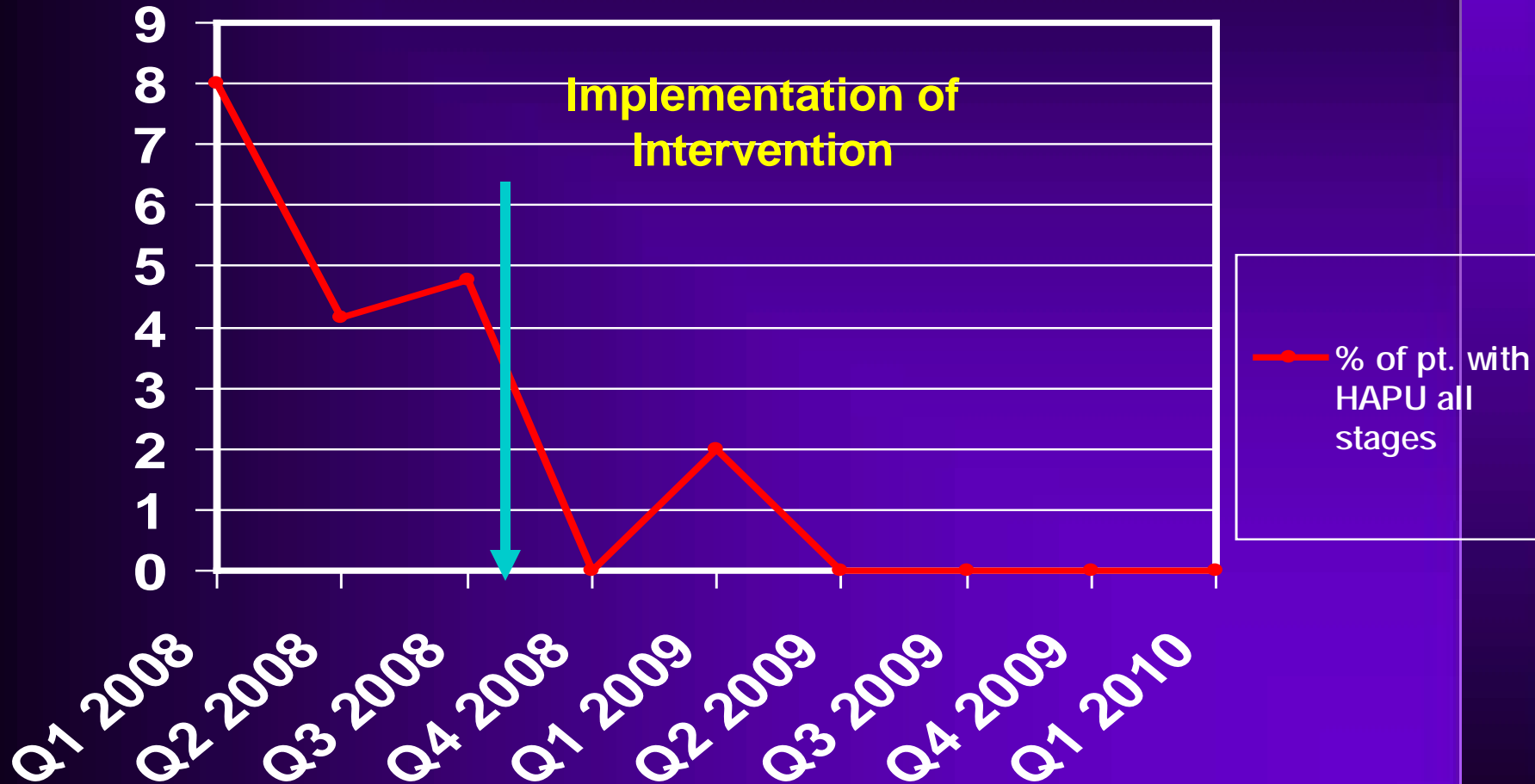
1. HAPU rate was significantly decreased from average 6.07% to 0.62% a year later on this particular Medical-Surgical unit
2. The standardized procedure is now disseminated throughout the hospital.



Medical/Surgical Unit Trend Report

% of patient with HAPU all stages

Quarter: between Q1 2008 and Q1 2010





By utilizing the standardized procedure, Community Acquired Pressure Ulcer (CAPU) improved.



Implementation
of intervention



Admission: 7/1/09

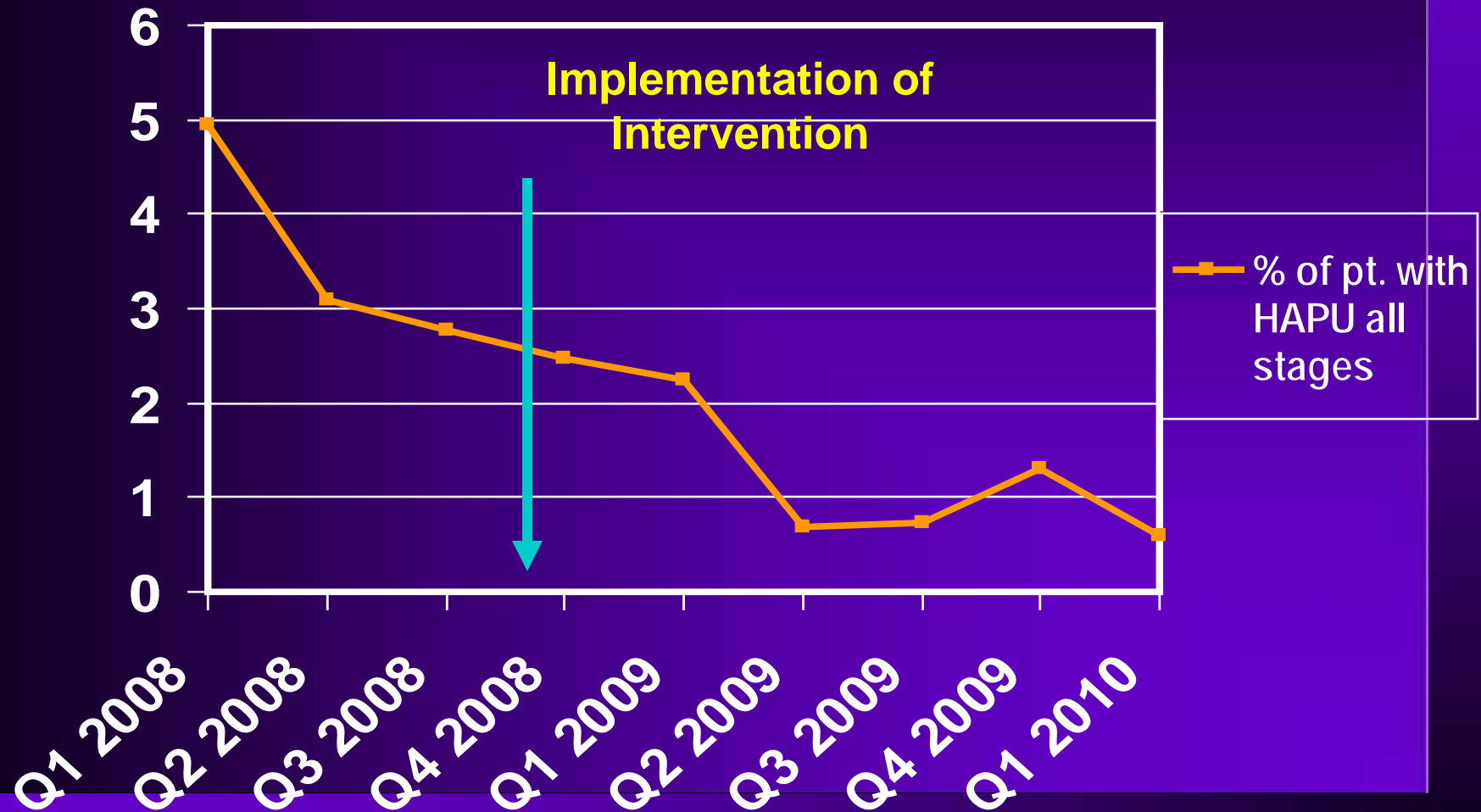
Discharge: 7/5/09



Washington Hospital Trend Report

% of patient with HAPU all stages

Quarter: between Q1 2008 and Q1 2010





Possible Implications

- Pressure ulcer caused by devices such as immobilizers, restraints, Ted hose, heel suspension boots, abdominal binder, etc.
- Thoroughly assess skin beneath devices.



3w Evidence Based Practice

3 West EBP Team Members



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