

Protecting Skin While Saving Butts, Backs and Buck\$

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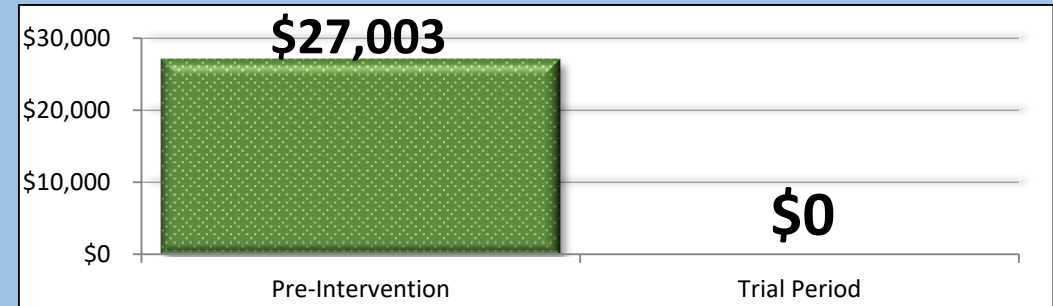
Objectives

- Propose a cost effective intervention for repositioning patients to reduce both worker and pressure injuries
- Introduce an air-assisted repositioning system that would safely assist healthcare workers with less exertion
- Reduce Worker Compensation expenses

Background

- Leahi is a 115 bed long-term care facility
- In 2015, Leahi had three (3) Patient Handling Injuries (PHIs) at a total cost of \$27,003
- Total Days Away: 165 (78 restricted)
- In February 2016, ordered the unique air-assisted repositioning system

Workers Compensation Claims



Results

- Trial began in February 2016 with an air-assisted repositioning system on a 230 lb resident who could not assist due to a history of above the knee amputation and recent stroke. All staff were trained on the protocol facility-wide. A total of 12 systems were applied facility-wide. Protocol adherence was 91%.
- One resident removed the system after 70 days because it was too hot; it was never reapplied.
- 2016 Patient Care: Leahi incurred zero (0) PHIs from February to November 2016 along with zero (0) new or worsening pressure injuries.
- Projected Annual Spend: Compliance to protocol estimates \$9,150 (4 systems per month priced at appx \$190 each x 12 months).
- Break even by avoiding just one (1) PHI per year.

Leahi Hospital MDS 3.0 Quality Measures 2016

Report Period	02/01/16-07/31/16	03/01/16-08/31/16	04/01/16-09/30/16	05/01/16-10/31/16	06/01/16-11/30/16	07/01/16-12/31/16	Comparison Hawaii State Average	Comparison National Average
High Risk resident with pressure injuries	2.0%	3.1%	4.1%	3.8%	3.9%	4.0%	8.8%	6.2%
New/Worsening pressure injuries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	1.1%

- 2009 NPUAP Pressure Ulcer Prevention and Treatment Clinical Practice Guideline.
- Occupational Safety and Health Administration, Safe Patient Handling Programs, Effectiveness and Cost Savings, pamphlet 3729-09/2013.
- Data provided by facility.

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