Workers Compensation Claims

<table>
<thead>
<tr>
<th></th>
<th>Pre-Intervention</th>
<th>Trial Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workers</td>
<td>$27,003</td>
<td>$0</td>
</tr>
</tbody>
</table>

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.

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

<table>
<thead>
<tr>
<th>Report Period</th>
<th>02/01/16-07/31/16</th>
<th>08/01/16-09/30/16</th>
<th>10/01/16-11/30/16</th>
<th>12/01/16-01/31/17</th>
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<tbody>
<tr>
<td>High Risk resident with pressure injuries</td>
<td>2.0%</td>
<td>3.1%</td>
<td>4.1%</td>
<td>3.8%</td>
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<tr>
<td>New/Worsening pressure injuries</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
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</tbody>
</table>

1. 2009 NPUAP Pressure Ulcer Prevention and Treatment Clinical Practice Guideline. 2. Occupational Safety and Health Administration, Safe Patient Handling Programs, Effectiveness and Cost Savings, pamphlet 3729-09/2013. 3. Data provided by facility.

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