

Background

Clinicians within Henry Mayo Newhall Hospital had documented pressure injuries on patient's buttocks in the Acute Rehabilitation Unit. At the time, no pressure relieving cushions were being used at the facility. To help lower the incidence of pressure injuries within the unit, a product trial on static air reactive cushions was initiated.

Objective

To validate the effectiveness of a static air, reactive cushion in preventing pressure injuries in the Acute Rehabilitation Unit.

Methods

To measure the effectiveness of two new cushions:

- **Two reactive/static air cushions were trialed**
Standard and XL Sizes
- **18 patient evaluations were completed during trial**
- **Trial duration: 10/24/23 — 11/14/23**
- **The cushions were trialed on the Acute Rehabilitation Unit (ARU)**
- **Products were evaluated for pressure injury prevention**
- **Results were tracked on product evaluation forms**

Results

Product Evaluations

- ① Ease of set up and use
- ② Provided pressure redistribution
- ③ Temperature management
- ④ Aided in patient comfort
- ⑤ Maintained proper inflation level
- ⑥ Easy to clean

Excellent: 16 Good: 1 Fair: 0 N/A: 0

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Excellent: 16 Good: 0 Fair: 1 N/A: 0

100 positive responses

• One evaluation was not completed

Staff Feedback

Love this product! When I sat on it for several hours, I did not bottom out. Inflation stayed consistent. My buttocks are well offloaded. Easy to sway hips to any side without having to stand up and reposition.

Greatly recommended.

Patient had a shearing injury that did not progress.



Conclusion

By implementing the new cushion for pressure injury prevention:

- ✓ **Zero new pressure injury formation**
- ✓ **Zero progression of pressure injuries**
- ✓ **100 positive product evaluations from staff**



Products being Trialed:
WAFFLE® Cushion, Standard
WAFFLE® Cushion, Extra Large