

## EFFICIENCY AND COST EFFECTIVENESS OF THE THERMOCONTOUR MATTRESS

Patients at Very High Risk of developing pressure ulcers are frequently nursed on air mattresses. They are expensive and uncomfortable.

Existing static mattresses proved to be ineffective.

Thermocontour mattresses were subject to a 6 month clinical trial at Eastbourne NHS Hospital Trust.

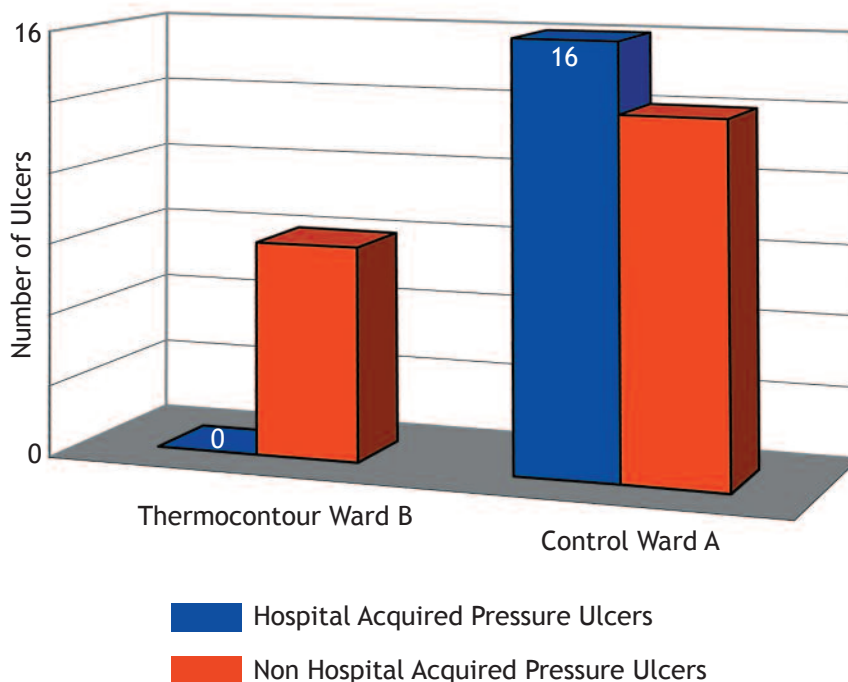
Ward A with a mixture of 24 static and air mattresses, was compared with 24 Thermocontour mattresses in adjacent ward B.

Hundreds of patients were monitored regularly on both wards over a 6 month period.

### Results:

- Ward A.** A mixture of 18 static mattresses and 6 air mattresses.  
16 hospital acquired pressure ulcers were recorded.
- Ward B.** 24 Thermocontour mattresses. Of 407 patients, 81 were in the Very High Risk category (Waterlow Scale 25+).  
None developed pressure ulcers. Many reported excellent comfort.

### HOSPITAL ACQUIRED PRESSURE ULCER OUTCOME



### PRESSURE RISK ASSESSMENT CHART - THERMO CONTOUR

Product	Waterlow	Norton	Braden	Performance Warranty (Years)
Hospital Mattress	25	8	12	10
Trolley (Stretcher) Mattress	20	12	12	10
Seat Cushion	25	8	12	5
Wheelchair Cushion				2