

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.

A 6-month clinical trial was conducted at Eastbourne NHS Hospital Trust to confirm the efficiency of the Thermocontour mattress.

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

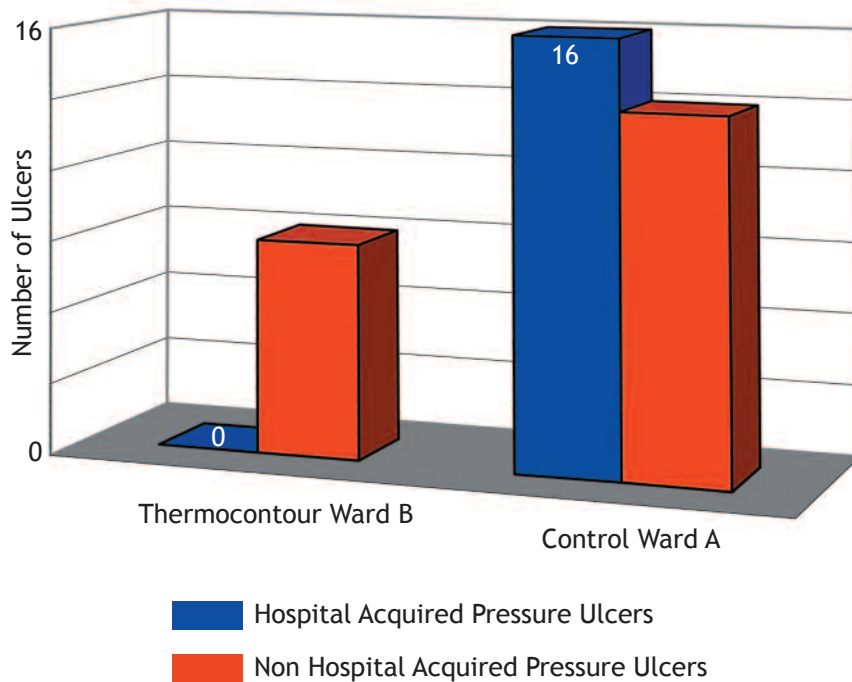
Hundreds of patients were monitored regularly on both wards over a 6-month period.

Results:

1. Ward A. 18 static mattresses and 6 air mattresses = 16 hospital-acquired pressure ulcers were recorded.

2. 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 – THERMOCONTOUR

Product	Waterlow	Norton	Braden	EPUAP	Performance (no of years)
H60 Mattress	25	8	9	3	8
Seat / Wheelchair Cushion	25	8	9	3	5
Trolley Mattress	20	10	12	2	3