

# **Clinical Evaluation of the South Treat-Eezi Bed**

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**28<sup>th</sup> January 2015**

1) **EXECUTIVE SUMMARY:**

- The Treat-Eezi bed pad was evaluated on 6 Subjects in a Care Home environment over a 4 week period, in order to examine its effect on comfort and contribution to the prevention of pressure damage. The average age of the Subjects was 86 years, with the oldest Subject being 95 years and the youngest 70 years.

**4) AIM OF STUDY:**

To evaluate the clinical efficacy of the Treat-Eezi bed pad on a small group of Care Home Subjects, when used in conjunction with their existing bed mattress and chair.

**5) METHODOLOGY:**

The six Subjects for the study were residents in a Care Home. Five of the subjects had no existing pressure damage. One of the subjects had a grade 2 pressure ulcer in the left sacral area. Prior to the evaluation, the Subjects had been identified by Care Home



## 7) CONCLUSION:

The results of these case studies were positive. All of the Subjects had exhibited no evidence of pressure damage during the initial assessment on Day 0 apart from one having a grade 2 pressure ulcer in the left sacral region. All of the Subjects` skin maintained this healthy profile throughout the study and the subject with the pressure ulcer healed. Comments about comfort were very

(BG)


77 years

Watts

<p><b>Day 7 Observations</b></p>	<ol style="list-style-type: none"> <li>1. Apart from PU in left sacral area no other damage present. PU has improved.</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – Subject seems more settled on the bed pad than the previous overlay and slept better.</li> </ol>
<p><b>Day 7 Photographs</b></p>	
<p><b>Day 14 Observations</b></p>	<ol style="list-style-type: none"> <li>1. Apart from PU in left sacral area no other damage present. PU continuing to improve</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – Bed pad easy to use and move from bed to chair. Full length bed pad would be good so heels get protected.</li> </ol>
<p><b>Day 14 Photographs</b></p>	

**Day 21  
Observations**



1. Apart from

<p><b>Day 28 Observations</b></p>	<ol style="list-style-type: none"> <li>1. Left sacral PU healed. No other signs of pressure damage.</li> <li>2. Treat-Eezi bed pad comfort score – 8.</li> <li>3. Staff comment – Same as Day 7, 14 and 21 comments.</li> </ol>
<p><b>Day 28 Photographs</b></p>	 <p>The photographs show the patient's back and sacral area. The top two images show the back with a ruler and a label for documentation. The bottom image is a close-up of the sacral area with a ruler and a label.</p>



<b>Subject 2: (CB)</b>	
<b>Age:</b>	91 years
<b>Gender:</b>	Female

**Wat**

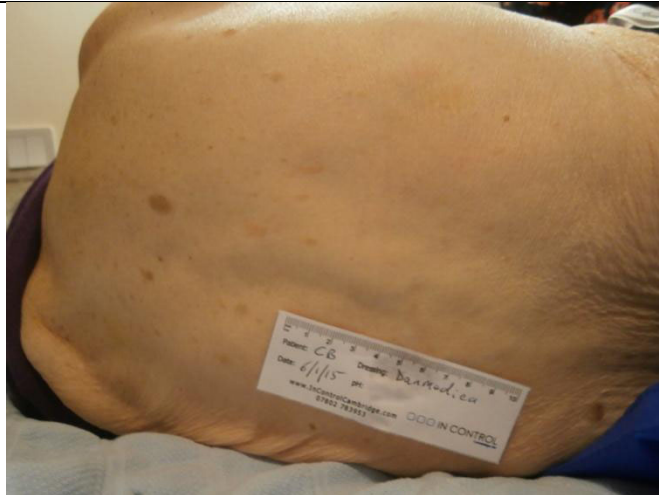
<p><b>Day 7 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Bruising of lower back improving</li> <li>3. Treat-Eezi bed pad comfort score – 8.</li> <li>4. Staff comment – Absorbance of sweat is good. Sleeping better.</li> </ol>
<p><b>Day 7 Photographs</b></p>	 <p>The photographs show the lower back and buttocks of a patient. The top two images are side views, each featuring a ruler and a label with patient information: 'Patient: C.B. Name: Dan Andicq Date: 23/12/14 www.incontrolcambridge.com'. The bottom image is a top-down view showing a bruise on the lower back area.</p>
<p><b>Day 14 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Bruising of lower back improving</li> <li>3. Treat-Eezi bed pad comfort score – 8.</li> <li>4. Staff comment – Same as day 7</li> </ol>
<p><b>Day 14 Photographs</b></p>	 <p>The photographs show the lower back and buttocks of a patient. Both images feature a ruler and a label with patient information: 'Patient: C.B. Name: Dan Andicq Date: 23/12/14 www.incontrolcambridge.com'.</p>



**Day 21  
Observations**


1. No sign of pressure injuries
2. Bruising of lower back improving
3. Treat-Eezi bed pad comfort score – 8.
4. Staff comment – Same as day 7 and 14

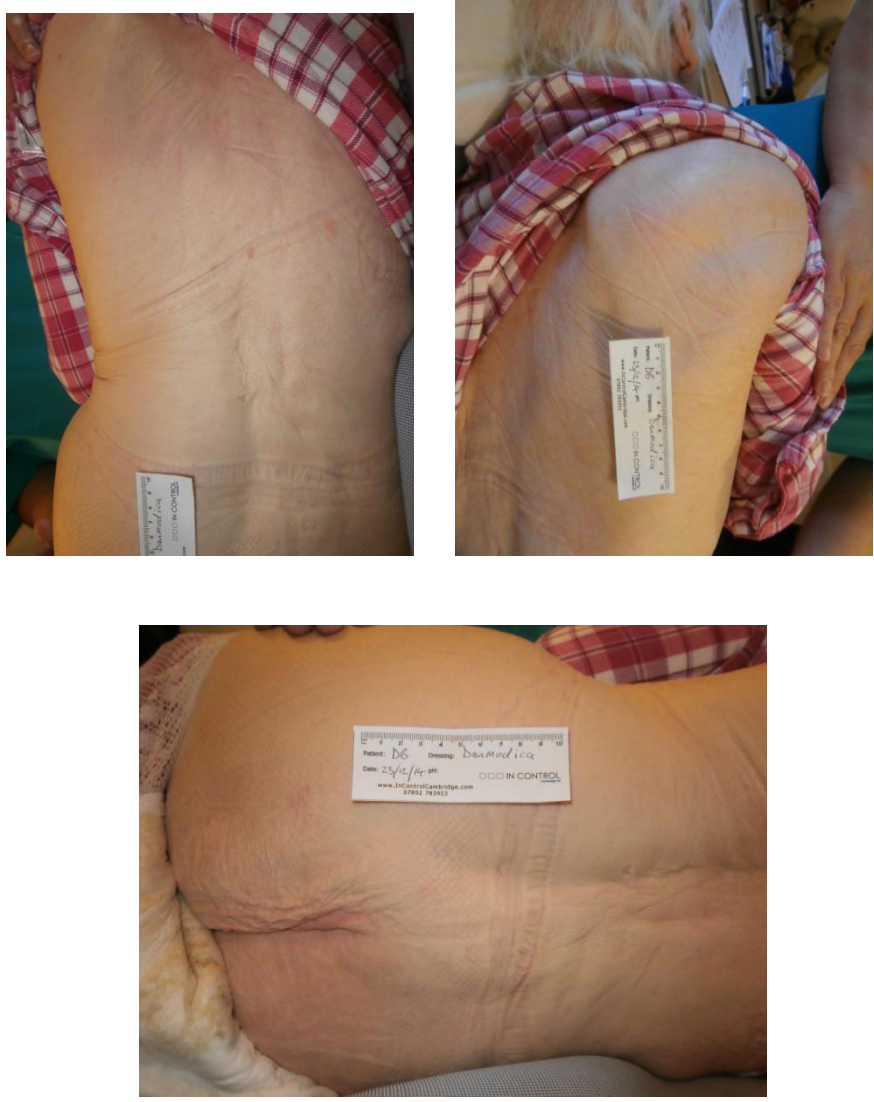

**Day 21  
Photographs**



**Day 28**  
**Observations**

1. No sign of pressure injuries
2. Bruising of lower back almost res

<b>Subject 3: (DB)</b>	
<b>Age:</b>	87 years
<b>Gender:</b>	Female
<b>Waterlow Score:</b>	16 (High risk)
<b>MUST Nutritional Score:</b>	0 (low risk)
<b>Medical history:</b>	Hypertension
<b>Contenance:</b>	Urinary incontinence
<b>Transfers:</b>	Standing transfers with the assistance of care staff
<b>Mobility status:</b>	Walks with assistance of care staff and a Zimmer
<b>Repositioning status:</b>	Independent
<b>Length of time sitting:</b>	Approx. 8hrs during the day in a high seat armchair. Regime is 4hrs sitting then 4hrs bed, then 4hrs sitting etc.
<b>Existing mattress:</b>	Standard divan bed and foam mattress. Repose mattress overlay
<b>Other relevant information</b>	N/A
<b>Day 0 Observations</b>	<ol style="list-style-type: none"> <li>1. No skin damage present at initial assessment.</li> <li>2. Current mattress overlay score – 3</li> </ol>
<b>Day 0 Photographs</b>	

<p><b>Day 7 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 9</li> <li>3. Staff comment – Subject finds bed pad cooler and more comfortable. Doesn't sweat so much.</li> </ol>
<p><b>Day 7 Photographs</b></p>	
<p><b>Day 14 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 9</li> <li>3. Staff comments – Sleeping longer. Pad also acts as an effective slide sheet.</li> </ol>
<p><b>Day 14 Photographs</b></p>	




**Day 21  
Observations**


1. No sign of pressure injuries
2. Treat-Eezi bed pad comfort score – 9
3. Staff comment – same as day 7 and 14 comment.

**Day 21  
Photographs**



<p><b>Day 28</b> <b>Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 9</li> <li>3. Staff comment – same as day 7,14 and 21 comment.</li> </ol>
<p><b>Day 28</b> <b>Photographs</b></p>	 <p>The photographs show the patient's back and buttocks from different angles. The top-left photo shows the right buttock with a label. The top-right photo shows the upper back with a label. The bottom-center photo shows the lower back and buttocks with a label. All labels contain the following text: 'Patient: DB', 'Dwelling: Duxford', 'Date: 13/1/15', 'www.incontrolcambridge.com', and '1000 IN CONTROL'.</p>




<b>Subject 4: (HW)</b>	
<b>Age:</b>	70 years
<b>Gender:</b>	Male
<b>Waterlow Score:</b>	19 (High risk)
<b>MUST Nutritional Score:</b>	0 (low risk)
<b>Medical history:</b>	COPD, Parkinsons.
<b>Contenance:</b>	Doubly incontinent.
<b>Transfers:</b>	Assisted by carers to do standing transfer
<b>Mobility status:</b>	Walks with assistance of care staff and a Zimmer
<b>Repositioning status:</b>	Independent
<b>Length of time sitting:</b>	Approx. 8hrs during the day in a high seat armchair. Regime is 4hrs sitting then 4hrs bed, then 4hrs sitting etc.
<b>Existing mattress:</b>	Standard divan bed and foam mattress. Repose mattress overlay
<b>Other relevant information</b>	N/A
<b>Day 0 Observations</b>	1. No sign of pressure injuries present at initial assessment. 2. Current mattress overlay score – 4
<b>Day 0 Photographs</b>	 <p>The top photograph shows the upper back of a patient. A ruler is placed horizontally across the upper back, and a small white label is attached to the skin. The bottom photograph shows the lower back of the same patient. A ruler is placed horizontally across the lower back, and a larger white label is attached to the skin. The label contains the following text: 'Patient: HW', 'Disease: Parkinsons', 'Date: 16/11/14', 'www.incontrolcambridge.com', and 'IN CONTROL'.</p>



<b>Day 7 Observations</b>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – Subject finds bed pad comfortable and likes it on chair. Easy to keep clean.</li> </ol>
<b>Day 7 Photographs</b>	
<b>Day 14 Observations</b>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – As per day 7 comment.</li> </ol>

**Day 21  
Observations**

1. No sign of pressure injuries
2. Treat-Eezi bed pad comfort score – 8
3. Staff comment – As per a

<b>Day 28 Observations</b>	<ol style="list-style-type: none"><li>1. No sign of pressure injuries</li><li>2. Treat-Eezi bed pad comfort score – 8</li><li>3. Staff comment – As per day 7, 14 and 21 comment.</li></ol>
<b>Day 28 Photographs</b>	 <p>The top photograph shows a close-up of a patient's back with a white medical label. The label contains the following text: 'PATIENT ID: 1161', 'NAME: Doreen Doreen', 'DATE: 13/11/15', 'WWW.INCONTROLCAMBRIDGE.COM', and '000 IN CONTROL'. The bottom photograph shows a wider view of the patient's back, also with the same medical label. The patient is wearing a black top and dark shorts with 'JOCKEY' written on the waistband.</p>

<b>Subject 5: (JB)</b>	
<b>Age:</b>	94 years
<b>Gender:</b>	Female
<b>Waterlow Score:</b>	17 (High risk)
<b>MUST Nutritional Score:</b>	0 (low risk)
<b>Medical history:</b>	Ischaemic heart disease
<b>Continence:</b>	Doubly incontinent.
<b>Transfers:</b>	Standing transfers with the assistance of care staff
<b>Mobility status:</b>	Walks with assistance of care staff and a Zimmer
<b>Repositioning status:</b>	Ins

<p><b>Day 7 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – Easy to use and move between bed and chair. Subject sleeps well.</li> </ol>
<p><b>Day 7 Photographs</b></p>	
<p><b>Day 14 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – As per day 7 comments.</li> </ol>
<p><b>Day 14 Photographs</b></p>	




**Day 21  
Observations**


1. No sign of pressure injuries
2. Treat-Eezi bed pad comfort score – 8
3. Staff comment – As per day 7 and 14 comments.

**Day 21  
Photographs**



<p><b>Day 28 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries. Some bruising on back due to fall.</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – As per day 7/ 14 and 21.</li> </ol>
<p><b>Day 28 Photographs</b></p>	 <p>The photographs show the back of a patient lying in bed. There are several areas of bruising and discoloration on the skin, particularly on the upper and lower back. Each photograph includes a white label with the following text: 'Patient Name: S G', 'Date: 12/1/15', and 'www.incontrolcambridge.com'. The bottom photograph also includes the text 'GOOD IN CONTROL'.</p>



<b>Subject 6: (JM)</b>	
<b>Age:</b>	95 years
<b>Gender:</b>	Female
<b>Waterlow Score:</b>	16 (High risk)
<b>MUST Nutritional Score:</b>	0 (low risk)
<b>Medical history:</b>	Ischaemic heart disease
<b>Contenance:</b>	Doubly incontinent.
<b>Transfers:</b>	Standing transfers with the assistance of care staff
<b>Mobility status:</b>	Walks with assistance of care staff and a Zimmer
<b>Repositioning status:</b>	Independent
<b>Length of time sitting:</b>	Approx. 8hrs during the day in a high seat armchair. Regime is 4hrs sitting then 4hrs bed, then 4hrs sitting etc.
<b>Existing mattress:</b>	Standard divan bed and foam mattress. Repose mattress overlay
<b>Other relevant information</b>	N/A
<b>Day 0 Observations</b>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries present at initial assessment.</li> <li>2. Current mattress overlay score – 5</li> </ol>
<b>Day 0 Photographs</b>	



**Day 7  
Observations**

1. No sign of pressure injuries
  2. Treat-Eezi bed pad comfort score – 8
- Staff comment – Easy to use and move between bed and chair.  
Easy to clean when soiled. Subject sleeps well.

**Day 7  
Photographs**



**Day 14  
Observations**

1. No sign of pressure injuries
2. Treat-Eezi bed pad comfort score – 8
3. Staff comment – As per day 7 comments.

**Day 14  
Photographs**



**Day 21  
Observations**

1. No sign of pressure injuries
2. Treat-Eezi bed pad comfort score – 8
3. Staff comment – As per day 7 and 14 comments.

**Day 21  
Photographs**



<p><b>Day 28 Observations</b></p>	<ol style="list-style-type: none"> <li>1. No sign of pressure injuries. Some bruising on back due to fall.</li> <li>2. Treat-Eezi bed pad comfort score – 8</li> <li>3. Staff comment – As per day 7/ 14 and 21.</li> </ol>
<p><b>Day 28 Photographs</b></p>	