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A PROSPECTIVE EVALUATION OF THE

# TREZZO HS

## mattress range

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6 week prospective product evaluation of  
**THE TREZZO RANGE OF MATTRESSES**  
compared to STANDARD FOAM MATTRESSES (n=53)

Data collected via distribution of 3 questionnaires

TREZZO mattress SCORED **SUBSTANTIVELY HIGHER**  
than standard NHS mattress in domains of:

- Aesthetics
- Ergonomics
- Patient moving & handling
- Cleaning / sodium hypochlorite use
- Ease of use
- Temperature control
- Mattress stability
- ⋮ **Differences were statistically significant in all domains**

CHARACTERISTIC	TREZZO	STANDARD	SIGNIFICANCE	EFFECT SIZE
<b>Aesthetics</b>				
Very good or excellent	25/34 [ <b>73.5%</b> ]	2/12 (16.7%)	$\chi^2_{(1)}=11.8; p=0.001$	$\phi=0.507$ ; large
Good, adequate or poor	9/34 [ <b>26.5%</b> ]	10/9 (83.3%)		
<b>Ease of use</b>				
Very good or excellent	29/40 [ <b>72.5%</b> ]	2/12 (16.7%)	$\chi^2_{(1)}=12.0; p=0.001$	$\phi=0.479$ ; large
Good, adequate or poor	11/40 [ <b>27.5%</b> ]	10/9 (83.3%)		
<b>Ergonomics</b>				
Very good or excellent	27/37 [ <b>73.0%</b> ]	2/11 (18.2%)	$\chi^2_{(1)}=10.6; p=0.001$	$\phi=0.471$ ; large
Good, adequate or poor	10/37 [ <b>27.0%</b> ]	9/11 (81.8%)		
<b>Temperature control</b>				
Very good or excellent	21/32 [ <b>65.6%</b> ]	1/12 (8.3%)	$\chi^2_{(1)}=11.5; p=0.001$	$\phi=0.510$ ; large
Good, adequate or poor	11/32 [ <b>34.4%</b> ]	11/12 (91.7%)		
<b>Patient moving &amp; handling</b>				
Very good or excellent	26/41 [ <b>63.4%</b> ]	5/15 (33.3%)	$\chi^2_{(1)}=4.02; p=0.045$	$\phi=0.268$ ; moderate
Good, adequate or poor	15/41 [ <b>36.6%</b> ]	10/15 (67.6%)		
<b>Mattress stability</b>				
Very good or excellent	29/41 [ <b>70.7%</b> ]	4/13 (30.8%)	$\chi^2_{(1)}=6.63; p=0.010$	$\phi=0.350$ ; moderate
Good, adequate or poor	12/41 [ <b>29.3%</b> ]	9/13 (69.2%)		
<b>Ease of cleaning</b>				
Very good or excellent	30/39 [ <b>76.9%</b> ]	4/11 (36.4%)	$\chi^2_{(1)}=6.49; p=0.011$	$\phi=0.360$ ; moderate
Good, adequate or poor	9/39 [ <b>23.1%</b> ]	7/11 (63.6%)		
<b>Sodium hypochlorite use</b>				
Very good or excellent	17/23 [ <b>73.9%</b> ]	3/9 (33.3%)	$\chi^2_{(1)}=4.55; p=0.033$	$\phi=0.377$ ; moderate
Good, adequate or poor	6/23 [ <b>26.1%</b> ]	6/6 (66.7%)		



### ADVANTAGES identified:

- No fluid ingress
- No risk of cross infection
- £ Potential cost saving to healthcare environments
- £ Foam is not compromised
- £ Longer mattress life

