Results – HW

Figure 10. Scans comparing time 0 scans against 4 weeks for each skin location.
Clinical Evaluation of the Treat Eezi Bed Pad from Dan Medica South Ltd

Dr. Steve Young  26th January 2015

Sacrum - Time 0

Sacrum – 4 Weeks

Left Buttock - Time 0

Left Buttock – 4 Weeks

Right Buttock - Time 0

Right Buttock – 4 Weeks
The scans generally indicate that the skin in all areas has not changed greatly over the 4 weeks. Analysis of all the scans for this subject is shown in figure 11.
The results show that there were some changes to be seen in the oedema levels in the skin of this subject when comparing time 0 with 4 weeks. The spine, left and right buttock and right hip showed a decrease in oedema. No significant changes were seen in other areas.
Results – JB

Figure 12. Scans comparing time 0 scans against 4 weeks for each skin location.

Left Scapula - Time 0

Right Scapula - Time 0

Spine - Time 0
The scans indicate a mixture of results, some areas have improved and others have gained more oedema over the 4 weeks. Analysis of all the scans for this subject is shown in figure 13.
Figure 13 Graph of LEP: TP ratio for JB Skin Analysis

The results show that there are changes to be seen in the oedema levels in the skin of this subject when comparing time 0 with 4 weeks. No significant change seen in right scapula and left buttock. There was a slight increase in oedema seen in the right buttock. The left scapula, spine, sacrum, left and right hips showed a decrease in oedema.
Results – JM

Figure 14. Scans comparing time 0 scans against 4 weeks for each skin location.

Left Scapula - Time 0

Left Scapula – 4 Weeks

Right Scapula - Time 0

Right Scapula – 4 Weeks

Spine - Time 0

Spine – 4 Weeks
The scans show that in a number of sites the levels of oedema have decreased over time. Analysis of all the scans in this subject are shown in figure 15.
The results show that there changes to be seen in the oedema levels in the skin of this subject when comparing time 0 with 4 weeks. The scapulae show no significant change. Small decreases in oedema are seen in the spine, left buttock and sacrum. More significant changes are seen in the right buttock, and both hips.

**Conclusion**

The results show that there were varying degrees of effect seen on the subjects with a few areas showing an increase in oedema, some showing no significant change in oedema, however, most areas showed a decrease in oedema. Overall, the results show that the subjects had a positive result by being on the Treat-Eezi bed pad.

The left sacral pressure ulcer data in subject BG showed that the Treat-Eezi bed pad had provided enough pressure relief to enable the wound to heal.
References

3. Mirpuri N, Young SR. The use of diagnostic ultrasound to assess the skin changes that occur during normal and hypertensive pregnancies. Skin Research and Technology 2001; 7:63-69.