

Clinical outcome results and quality of life improvements using Electroceutical Treatment* - Patient perspectives

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Introduction:

An evaluation was undertaken in a large community NHS Trust to determine clinical outcomes, patient and nurse experiences of using an electroceutical treatment* for the management of non-healing wounds.¹

Electroceutical treatment* was provided for 12 days with standard care continuing during and post treatment. Data was collected every 2-4 weeks up to 20 weeks or until complete healing. Wound size, duration, pain scores and exudate levels were reported on 17 patients with 19 non-healing wounds.

The patient population had a mean age of 66 years (range 16-90); mean wound duration of 29 weeks (10 weeks – 7 years); mean wound size 12.1cm² (0.2cm²-78cm²); mean pain score of 6.9 on the visual analogue score (VAS).

This poster presents the healing and pain reduction including the experience of 3 patients who were interviewed and video recorded² following electroceutical treatment* on their experiences, quality of life and pain reduction.

84%
of wounds healed^{1†}

83%
pain reduction^{1Δ}

Patient perspectives

The Journey to Right Care, Right Time, Right Place

Patient P

Mrs P is a 75-year-old lady with a painful VLU for 8 months duration, her wound measured 7x4.5cm with a VAS pain score of 7/10. Prior to treatment she was having twice weekly dressings due to pain and was unable to tolerate compression therapy for longer than a few days.

Within one week of electroceutical treatment* dressing changes were reduced to weekly and after 2 weeks the pain score reduced to 0/10 VAS with full wound healing post treatment at 7.5 weeks.

Before treatment*

"I was in absolutely excruciating pain"

"tears came down my face"

"I couldn't walk properly"

"I had no control over it"

After treatment*

"day after day it was getting that little bit better"

"moved back into my normal bedroom"

"if I hadn't had the device put on I think I still would have been struggling"

"I would recommend it to anybody"

"if...I had to have the treatment again I would have it willingly because I couldn't stand to have that pain again"

Patient G

Mrs G is a 71-year-old lady with a painful VLU of 5 months duration, her wound measured 8x6cm with a VAS pain score of 10/10. Mrs G likened her pain to being stabbed with a knife into the leg.

After 2 weeks treatment the pain score reduced to 0/10 VAS with full wound healing post treatment at 5.5 weeks.

Before treatment*

"couldn't get comfortable in bed.. continual broken sleep.. wears you down"

"it made me very irritable"

"I'm prepared to try anything to heal this ulcer up"

"very sharp intense pain"

"jolted with a knife"

After treatment*

"no longer painful"

"I stay asleep"

"can go away with my family now.. it will be just wonderful"

"I would really and truly recommend (the treatment*) to anybody who had an ulcer...the benefits...and the way you feel when you're free of it you can't explain to anybody"

"the thought of being free from ulcer is wonderful"

"I can't believe the difference"

Patient D

Mr D is a 78 year-old gentleman with a painful VLU of 5 months duration, his wound measured 4x2.5cm with a VAS pain score of 10/10. Mr D was desperate to try anything, his whole life was changed.

After 2 weeks of electroceutical treatment* the pain score reduced to 0/10 VAS with full healing 9.5 weeks post treatment.

Before treatment*

"I was on Morphine"

"I was begging to have stronger painkillers"

"my whole social life was taken away"

"I couldn't walk anywhere"

"raised hopes that the quicker I get healed the quicker I'm going to see my granddaughter..."

"I was desperate..I will try anything"

After treatment*

"my leg started to heal and I started to get my life back"

"painkillers were reduced..."

"back to swimming...and playing snooker with my friend"

Conclusion:

Using electroceutical treatment* can improve the patients journey, significantly improving clinical outcomes, quality of life and the patient experience when it is used as an adjunct to standard therapy whilst providing a cost effective solution.^{1,2}

Colour Index

● Pain

● Quality of life

● Hope

● Healing and being ulcer free

● Using the treatment*

*Accel-Heal®

References

- Turner N. and Ovens L (2017) The results of a clinical evaluation of Accel-Heal electroceutical treatment on a large NHS Trust. Wounds UK 13(4)
- Data on file †. 84% healed within 20 weeks. Δ. 83% pain reduction after 2 weeks of treatment*