

IMPROVING QUALITY OF LIFE USING A NOVEL ELECTRICAL STIMULATION DEVICE TO REDUCE PAIN AND ACCELERATE HEALING IN TWO PATIENTS WITH VERY DIFFERENT UNDERLYING AETIOLOGIES

Despite following best practice, many wounds fail to heal, leaving patients with non-healing and often painful wounds. Intervention with electrical stimulation therapy (EST) may lessen the burden.

Two case studies were undertaken to determine the effect of **Accel-Heal Solo®** on patients with complex wounds.

CASE 1

- Female; age 47
- Abdominal lupus erythematosus rash
- 16 open wounds within an area measuring 15 x 15cm.
- Pain score was 7-10/10 despite analgesics:
 - Morphine 10mg x2 daily,
 - Paracetamol 1000mg x4 daily
 - Pregabalin, 300 mgs x2 daily



CASE 2

- Female; age 89
- Arterial ulcer to bunion on left foot; 2 x 1.5cm; duration 12 months
- ABPI = 0.5
- Wound pain 7/10 despite analgesia, affecting sleep
- Patient felt that she couldn't cope at home and may need to go into a care home.



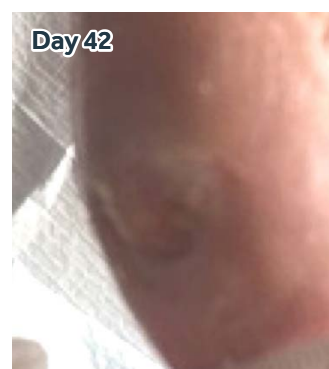
↓ **Accel-Heal Solo®** was applied ↓

After **6 days** of treatment:

- Pain score reduced to 5/10
- One of the wounds had already started to dry up
- Skin did not appear to be as red



- Within 48 hours pain and consequently sleep had improved
- Pain reduced to 0/10 within the 12-day treatment period
- The patient no longer felt that a care home would be necessary



Within 11 weeks of starting treatment with **Accel-Heal Solo®**, all wounds had healed and pain had reduced to 0/10 and no pain medication was needed.

The pain and wound have been so much better since using the treatment, I haven't looked back and I am walking much better".

Conclusion and Interpretation: Using Accel-Heal Solo for these two patients completely transformed the mental health and quality of life of these two patients who had given up any hope of their wounds healing and were resigned to suffering endless un-managed pain.

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