

HOW TO USE YOUR **ACCEL-HEAL** DEVICE

Relieve the pain,
stimulate healing

Advanced treatment that can
be managed at home



[accelheal.com](https://www.accelheal.com)

AccelHeal
ELECTRICAL STIMULATION WOUND THERAPY

WHAT IS ACCEL-HEAL?

Accel-Heal is an innovative electrical stimulation therapy for hard-to-heal wounds which relieves pain and stimulates healing. It works by delivering a preset, automated programme of sub-sensory electrical pulses to the wound. As the pulses are sub-sensory, you are unlikely to be able to feel them.

HOW DOES IT WORK?

Electrical fields are part of the fundamental mechanisms of cell and tissue growth and repair. Electrical stimulation therapy seeks to manipulate this natural process to benefit patients with hard-to-heal wounds.

WHAT CAN I EXPECT DURING MY TREATMENT?

As Accel-Heal is a single use, small and portable device it should not disturb daily routines. During the course of therapy, you can expect to find that pain is relieved and the normal healing process is stimulated which continues long after the treatment period has been completed, putting you on the road to recovery.

Patients have reported marked pain relief following treatment with Accel-Heal with some patients reporting rapid improvement within hours⁽¹⁾ of commencing therapy. The pain is likely to continue reducing even following the treatment.

You will continue with your standard wound dressings and treatments during and following the therapy.

HOW DO I BEGIN MY ACCEL-HEAL TREATMENT?

1. The 12-day treatment begins by simply applying two electrode pads to the skin near the wound. These are then connected to the Accel-Heal device which is switched on using a simple button. Press and hold the button for two seconds to activate the device.
2. Once it is turned on, your Accel-Heal device then automatically adjusts the electrical pulses as needed to deliver the most effective therapy for you. You will know the device is working correctly by seeing the small green LED flash approximately once every two seconds.
3. If the green LED starts flashing rapidly and this continues for some time, it indicates the electrode pads have become detached or not secured properly. If you cannot resolve this yourself please contact your healthcare clinician.

WHAT HAPPENS NEXT?

5. After 48-hours, your Accel-Heal device will automatically turn itself off. The green LED will stop flashing.
6. A new one should then be attached to the electrodes. You can hand the used device back to your healthcare practitioner for safe disposal. Each device should be applied consecutively during the therapy.
7. The treatment pack contains six devices to complete the 12-day treatment.

WHAT EFFECT WILL ACCEL-HEAL HAVE AT THE END OF MY TREATMENT?

You may experience a number of outcomes during or following your treatment:

- Your wound should start to heal normally after treatment.
- If you have a venous leg ulcer, you may start to receive compression therapy, which is where bandages are applied to put pressure on your skin to stimulate blood flow, to reduce any swelling in your leg and facilitate healing. You may have found this to be too painful previously. However, patients treated with Accel-Heal were able to tolerate compression as a direct result of its pain relieving benefits.^[2]
- Improved blood flow stimulated by movement can improve chances of wound healing yet as wound pain can worsen during movement, this can be very difficult for patients. As well as pain relief, patients treated with Accel-Heal noted considerable differences in their ability to move about freely compared with the restrictions they had experienced before treatment.^[3]
- Accel-Heal can also be used to manage patient pain in order to allow investigations such as blood flow testing or other treatment such as debridement, where damaged tissue is removed, to be carried out which you might not otherwise be able to tolerate.^[4]

4. The device is usually tucked into an external dressing or bandage and left to work for 48-hours. If for some reason you need to remove the device (for example for bathing), it is possible to pause the treatment by pressing the button again for two seconds to turn the device off. Once it is re-attached, it can be restarted by pressing the button again (you should see the green LED flashing again once every 2 seconds).

8. During the course of therapy, the electrodes should be replaced at least weekly, usually when your dressings are changed. They do not have to be changed every 48-hours.

Do not allow the Accel-Heal device to become wet.



Figure 1.



Figure 2.

REFERENCES

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