That healing feeling

The geko™ device doubles the rate of healing in venous leg ulcers versus compression alone[1]

Reduces pain[2]
Accelerates healing
Improves adherence[3]
Now available

Help patients feel like themselves again

geko™
wound therapy

The future of venous leg ulcer care can begin today

Leg changes associated with venous disease are present in 10–35% of adults in the United States. This can lead to venous leg ulcers (VLUs), which affect about 1% of the population. This prevalence increases with age to 4% in people older than 65.[4,5]

Compression therapy is the gold standard of VLU treatment, but compression alone may not be appropriate or effective for every patient.[6-8] Many patients find compression too painful to tolerate and adhere to. This is especially true of patients suffering with edema which can often occur alongside VLUs.[7,9]

What can be done to minimize the future impact of lower limb wounds in Canada?

A small device with big results clinically proven to significantly increase VLU healing rates[1]

Introducing the geko™ device:

Doubles the rate of healing in VLUs versus compression alone[1]

With only 4 weeks of treatment with the geko™ device, **42% of wounds healed over the duration of the study**[1]

Reduced edema[10] and **52% of patients reported a reduction in pain**[2]

High **patient adherence rate of 94%**[1]

The geko™ device boosts patients' hope and optimism towards their wound healing[11]

Technology that mimics the effect of walking

How does the geko™ device work?

- The device is battery operated with no wires and is worn just below the knee for 12 hours per day
- It stimulates the common peroneal nerve via non-invasive skin electrodes[7,12]
- The device delivers a low frequency pulse once per second[7,9,12]
- This gentle stimulation causes the muscles in the calf and foot to contract, increasing venous and arterial flow[2,3,9]
- Microcirculatory flow in the wound bed and wound periphery is substantially increased[10,13]
- Improved blood circulation and oxygen delivery to the wound bed results in a **significantly faster rate of healing**[1,9,14]

Faster healing that your patients can *feel*

Better patient engagement with the geko™ device:

In one study, nurses found that their patients were more engaged in the care of their VLUs because they could *feel* the device working[14]

The device is wearable and easy to self-operate, giving patients and/or their carers more control over managing their treatment[2]

Ten device settings allow patients to adjust the intensity of their treatment, ensuring a visible foot twitch/ movement whilst also meeting their comfort needs[2,3]

> ***You could feel when it was in the position it needed to be in…if it's in the right spot it's like a warm wave down the leg***
>
> Patient[15]

> ***It's definitely easy to use…originally the nurse would mark out where it should go but now I have a better understanding of whereabouts the nerve is… I feel quite expert!***
>
> Caregiver[15]

Slow healing VLUs are a growing concern

The number of patients with VLUs is rising and becoming more challenging to manage[16]

Only 53% of VLUs heal within a year and many recur[17]

Painful, malodorous wounds can cause anxiety and reduced quality of life for your patients[16]

Regular appointments are time consuming with 85% of patients requiring community nurse visits[6]

Although compression therapy is the gold standard of VLU treatment, low tolerance and poor adherence can mean the expected rate of healing is not always seen.[7,9,18] In these cases, compression alone might not be the most effective treatment method.[18]

How can the geko™ device improve the quality of life for your patients?

Who are the right patients for the geko™ device?

The geko™ device works as an adjunct to standard of care and can be used on patients when:

- They want their wound to heal **twice as fast** and to **reduce their edema**
- They have a wound with a static rate of healing with no sign of revascularisation of the wound bed
- They are unable to tolerate compression therapy

The geko™ device doubles the rate of healing in venous leg ulcers versus compression alone[1]

Find out more about how the geko™ device can support your patients and your healthcare team at www.gekodevices.com

1. Bull R *et al.* Int Wound J. 2023; 1–9.
2. Jones N *et al.* Br J Nurs 2018; 27(20): S16-S21.
3. Harris C *et al.* Int Wound J 2017; 14: 1189–98.
4. Evans R *et al.* Best practice recommendations for the prevention and management of venous leg ulcers. Wound Care Canada 2019; chapter 8. Available at: https://www.woundscanada.ca/health-care-professional/publications/dfc-2. Accessed: March 2024.
5. Harding K. Int Wound J 2016; 13(6): 1378–84.
6. Guest J *et al.* BMJ Open 2015; 5: doi: 10.1136/bmjopen-2015-009283.
7. Ingves M *et al.* J Investig Med 2014; doi: 10.1177/2324709614559839.
8. Harris C *et al.* Int Wound J 2017; 14: 1100–07.
9. Das S *et al.* Int Wound J 2021; 18(2): 187-93.
10. Williams K *et al.* Vasc Health Risk Manag 2021; 17: 771–78.
11. Kuhnke JL and Maxwell S. Spotlight on Exploratory Research in Health 2021; doi: 10.35831/jksm.
12. geko™ devices. OnPulse Technology. Available at: https://www.gekodevices.com/onpulse-technology/. Accessed: March 2024.
13. Das S *et al.* J Wound Care 2021; 30(2): 151-5.
14. Harris C *et al.* Int Wound J 2019; 16: 266–74.
15. geko™ device data on file. Clinical Programme Feedback. Firstkind Limited. 2022.
16. National Wound Care Strategy Programme. Preventing and improving care of chronic lower limb wounds: Implementation case. Available at: https://www.nationalwoundcarestrategy.net/nwcsp-publications-and-resources/. Accessed: March 2024.
17. Guest J *et al.* Int Wound J 2018; 15: 29-37.
18. Bosanquet D *et al.* Ann Vasc Surg 2021; 71: 308-14.

Please refer to the Instructions For Use (IFU) for further details on fitting and warnings.

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