

# How can Velcro Compression Wrap systems contribute in Wound Management

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## AIM OF THE STUDY

As a community nurse, there is restricted time to treat patients with oedema and chronic wounds at home. Looking for options we started several case studies to make wound management more cost efficient and less time consuming, a Velcro Compression device saves time and contributes to self-management for patients.



## METHOD

Several patients received a Velcro Compression Wrap\*, some patients with lymphoedema and other patients with venous oedema, with or without a wound. We measured oedema, tissue density and the size of the wound. We also explained to the patients how to use the Velcro device themselves and measured the time that was needed to apply it themselves.

\* ReadyWrap, Lohmann & Rauscher B.V.



## RESULTS AND DISCUSSION

In all patients there was an immediate decrease in oedema and tissue density was improved in most of these cases. Treating the wound was much easier with the overlapping straps and took less time compared with using bandaging. In one patient reduction of oedema was shown immediately following removal of the device. Most patients applied it themselves and some had help from a partner. This modular system enables normal footwear to be worn when going outdoors.



## CONCLUSION

These few patients show direct results in reducing oedema and softening the tissues. Compared to the use of bandages, less time is necessary for wound treatment. That leaves us more time for other aspects of patient care in the community. That meets the demands of the insurance companies in the Netherlands.

