

## The Sigvaris ULCER X kit is highly effective in the treatment of venous leg ulcers.



### Study aim & design

The aim of this study<sup>1</sup> was to assess the efficacy of a specifically designed compression stocking kit (Sigvaris ULCER X kit, "ULCER X") in the treatment of venous leg ulcers in comparison to standard treatment with short stretch bandages.

The ULCER X consists of an understocking\* worn during all times and an overstocking\*\* worn only during the day. The short stretch bandages were worn day and night.

### Participants

26 patients with ULCER X and 30 patients with short stretch bandages completed the study.

### Product information

\*Understocking 15–20 mmHg

\*\*Overstocking 23–32 mmHg

Under- + Overstocking exert a pressure of ~ 45 mmHg

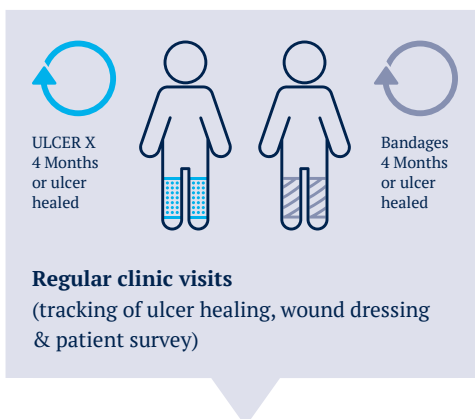


### Patient randomization

#### Group 1 ULCER X

4 months or until ulcer healed

- Eligible: n = 30
- Dropout: n = 4  
(3 patients with donning difficulties, 1 patient refused to continue)
- Final evaluation: n = 26



#### Group 2 Bandages

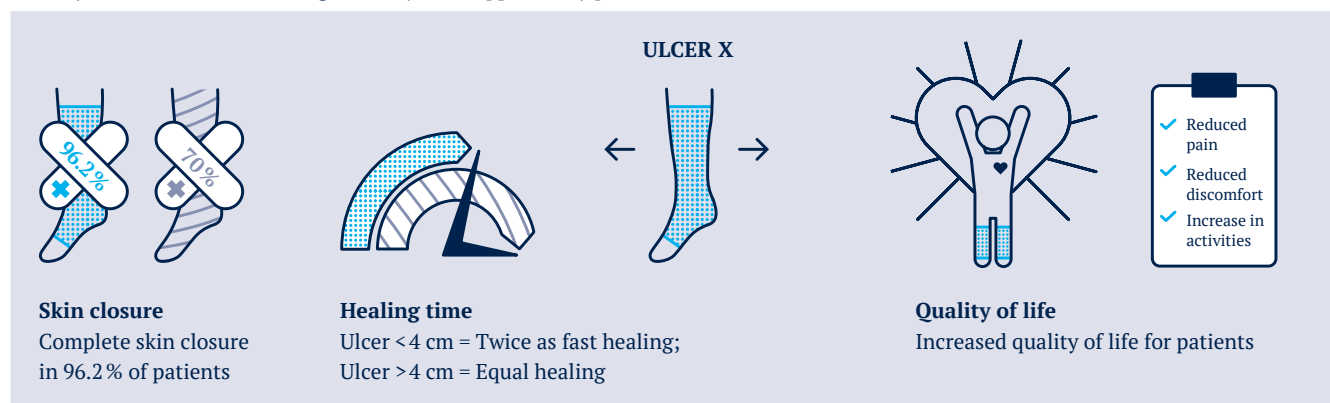
4 months or until ulcer healed

- Eligible: n = 30
- Dropout: n = 0
- Final evaluation: n = 30



### Results

Primary outcomes = ulcer healing and subjective appraisal by patients



### Conclusion

Wearing the ULCER X kit is more effective in healing venous leg ulcers than conventional bandaging with faster healing of small ulcers < 4 cm. This study demonstrates that the Sigvaris ULCER X kit can be effectively used for the treatment of venous leg ulcers.

In addition, the results show that participation in normal activities increases, while pain and discomfort are reduced in patients treated with the ULCER X kit.

### Take-home message

Treatment of common venous leg ulcers with the Sigvaris ULCER X kit is **more effective** than conventional bandaging and **better perceived** by patients.