

# Consider two-layers therapeutic stockings for compression therapy for cost savings



## Aim

It is unknown how many patients are treated with compression therapy. However, this therapy has a key role in the treatment of venous disorders such as chronic venous insufficiency, deep vein thrombosis and varicose veins, and also in non-venous disorders such as lymphedema, post-traumatic and erysipelas. There are different methods to apply compression therapy. The most common used method in the Netherlands is applying two layer- short stress bandages (SSB). However, wearing two-layer therapeutic stockings (TS) has several advantages, one of which is cost. This study provides an overview of the difference in time between the two methods.

## Methods

Forty-five people of varying levels of education and experience had to administer compression therapy on the same leg. The leg was treated with the SSB and the same leg was used to put on a TS (Actico silk L&R). The time of applying the compression was measured.

## Conclusions

Assuming care costs are € 1.10 per minute the savings per patient per application is € 4.14. In addition, many patients can put these TS on by themselves because the top stocking easily slides over the under stocking, so in practice, the savings might be even greater.

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