

Custommade compressionbox for the treatment of patients with venous leg ulcers (VLU)

Introduction

Develop a custom made compression box to achieve a higher quality of care for the patients with a VLU and achieve cost reduction.

Methods

Retrospective study among patients with a VLU who received compression therapy in communitycare of Evean Zorg in the region Zaanstreek-Waterland in 2007. And the costs needed to apply this therapy. There has also been an inventarisation among patients and nurses which, and how many products are needed to give this patientgroup the optimal care.

Results

257 patients with a VLU receiving compression therapy in 2007. The average costs per patient was € 144,18. Most of the time both legs needed compression therapy, that's why the standard prefabricated boxes are not enough and reorders are necessary for separate parts. Besides that other products are missing like: skintreatment, gloves, mats, garbagebags.

A custom made Evean compressionbox is created. This box contains all the needed products for two legs. In this box there are enough products for the treatment for the total period which the patient needs compression therapy containing enough bandages, skintreatment and other products.

The price is € 99,00 which is cheaper than the average costs of the results in the retrospective study in 2007.

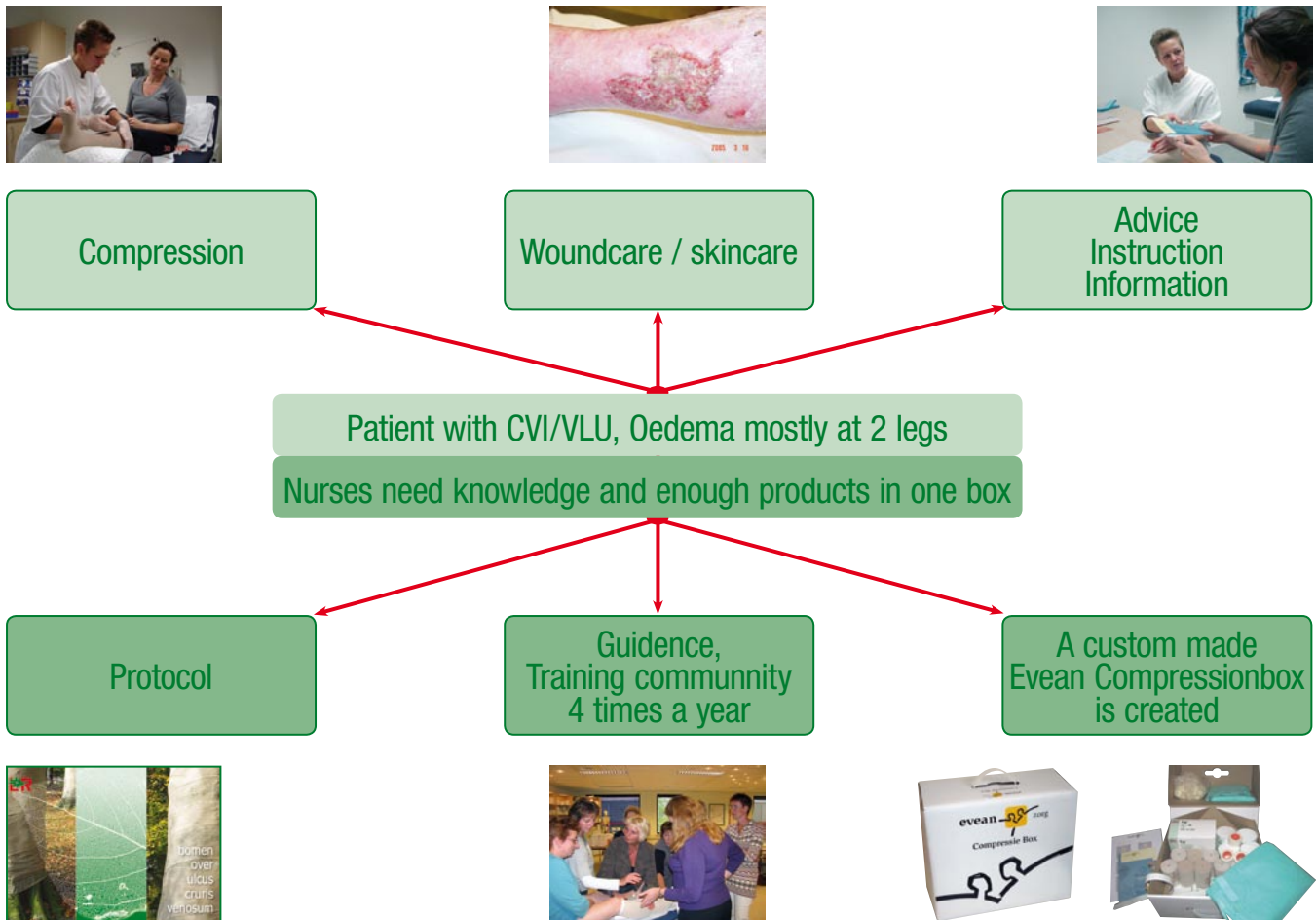
Discussion

The costs for local woundtreatment is not evaluated.

Conclusion

A custommade compressionbox provides beside costeffectiveness also a higher quality of care to the patients with a VLU. This box provides all the products at once to give an optimal compressiontherapy for patients with VLU in the communitycare.

An optimal compressiontherapy for patients with VLU in the communitycare



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Cost reduction - higher quality of care