

Infographics creation to teach people with chronic venous insufficiency and/or venous ulcers, their families and caregivers about care related to these conditions through the E-learning method

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Objective:

To create a library of animated infographics to assist in the teaching and learning of care related to chronic venous insufficiency and venous ulcers, through the E-learning modality, for family members, caregivers and/or people affected by these conditions.

Method:

This is an applied study, characterized as technological production with a qualitative, exploratory and descriptive approach. The E-Learning interventions was implemented in two surgical clinics of a university hospital located in southern Brazil (Santa Catarina), between November 2023 and April 2024.

The study included patients aged 18 or over diagnosed with chronic venous insufficiency. Data collection was conducted through semi-structured interviews, focusing on socioeconomic, clinical, psychosocial and psychospiritual aspects.

The Learn Startup method was employed in the development of the technology. To define the content, the most relevant topics on chronic venous insufficiency and venous ulcers were selected, based on the data collected, a literature review, consensuses and reference protocols in the area. The animated infographics were produced in the following stages: briefing meeting: between the content designers and the makers of the material; presentation of the script proposal; script approval; pre-production; production; initial editing; editing approval, finalization, final approval and publication of the material.

Results:

Thirteen patients participated, aged between 53 and 87, mostly male, all with chronic venous insufficiency. Three of them had already experienced a venous ulcer at some point in their lives. At the time of the study, two had active venous ulcers, which had started spontaneously. Difficulties were reported in recognizing the evolution of the wound, handling treatment materials, and applying topical therapy.

As for technological production, a library of animated infographics was created and made available on a video platform. A total of 10 animated infographics were produced with an average duration of 3 minutes. The infographics were entitled: 1- Understanding what venous insufficiency is; 2- Explaining what a venous ulcer is; 3- Nutrition and wounds, what's the relationship?; 4- What food should I eat?; 5- How to dress the wound (UV)?; 6- What can I find in the wound (UV)?; 7- Compression therapies; 8- Explaining elastic stockings; 9- Explaining the nail boot; 10- Pain relief and control. They can be accessed via the following link: <https://tinyurl.com/infograficosIVCeUV>.

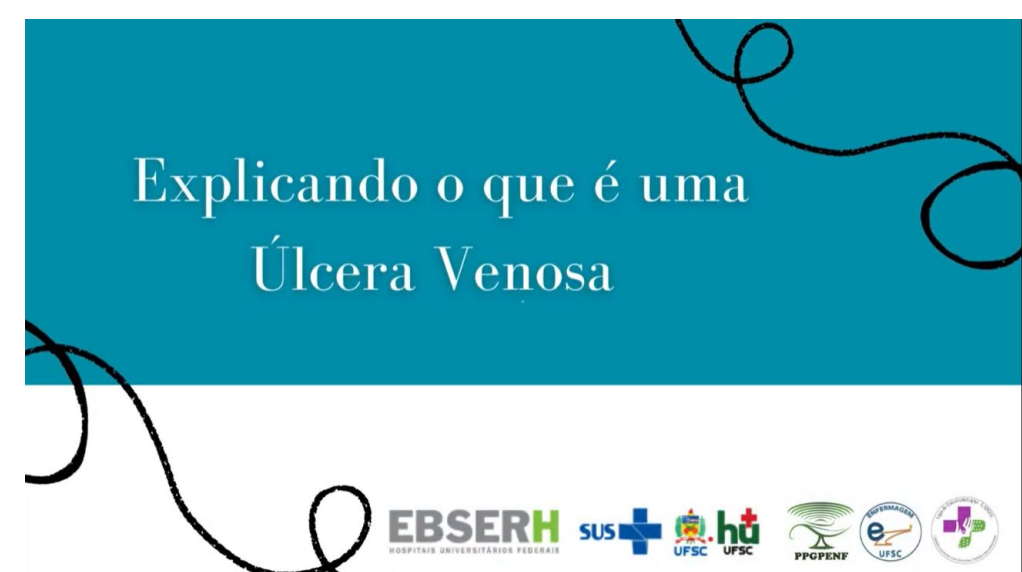


Image 1: Infographic: "Explaining venous ulcers"



Image 2: Infographic: "Compression therapies"

Conclusion:

The use of the E-learning method associated with health education emerges as an auxiliary tool in promoting the care of people with wounds as it brings an online learning model that is easy to access and with accessible language.

Keywords: E-learning; Wounds; Care; Health Education; Venous Ulcer; Chronic Venous Insufficiency