

Münter C. Effect of a new compression garment on adherence: results of a patient satisfaction survey. *British Journal of Nursing*. 2015;24:44-9.

Background

Traditional knee-high compression stockings often apply more pressure to the top band to ensure they stay in place. However, this can be uncomfortable for some patients and affect their willingness to wear them. JOBST® has developed a knee-high stocking, JOBST® Opaque, with SoftFit silicone yarn that keeps the stocking in place without additional pressure.

Study Objective

The aim of the study was to determine whether patients perceived the JOBST® Opaque SoftFit stocking to be more comfortable than the conventional compression stockings they had previously worn. In addition, the study examined the effect of the stocking on patients' perceived symptoms of chronic venous disease (CVD).

Methods

- **Participants:** 47 Patients with CVD from four federal states in Germany.
- **Duration:** 7 days of wearing the test stocking.
- **Data Collection:** Comparison of patients' perceptions on days 1 and 7 with those of the previously worn conventional compression stockings.

Results

Comfort: Overall, patients found the JOBST® Opaque SoftFit stocking to be more comfortable to wear (fit on the stocking band/ability to stay in place) compared with the standard compression stockings worn prior to the evaluation.

- **Fit on the cuff**

For fit on the cuff, more patients rated the cuff as excellent or good on day 7 than on day 1 (42 (89%) vs 36 (77%)), while there were also more “excellent” scores (n=9) on day 7 (25 (53%) vs 16 (34%)) (see Figure 1).

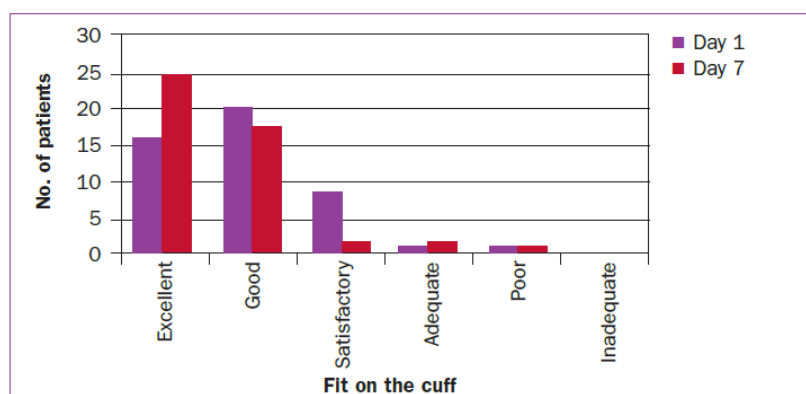


Figure 1: Rating for fit on the cuff.

- **Stay-in-Place:** The stocking was perceived to be more likely to stay in place. 41 patients (87%) rated the ability to stop sliding as excellent or good on day 7 compared to 32 (68%) on day 1, and 12 more patients (26%) rated it as excellent on day 7 (see Figure 2).

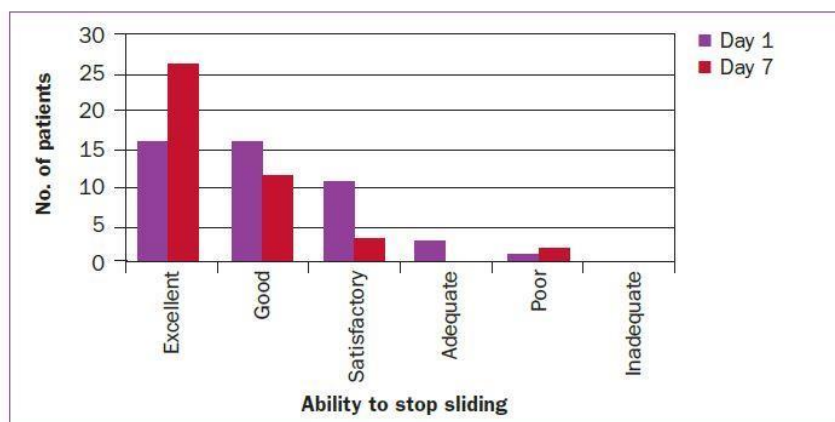


Figure 2: Ratings for ability to stay in place.

Symptoms: Many patients reported that they no longer experienced some of the clinical symptoms of CVD such as heavy legs, leg pain, and itching or dry skin.

Conclusion

The JOBST® Opaque SoftFit stockings can offer a comfortable alternative to conventional compression stockings and help to promote adherence with treatment.