

ORIGINAL PAPER

Investigate of Eligibility Usage of Graduated Compression Stockings

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Abstract

Background: Venous Thromboembolism is common cause of morbidity and mortality. Graduated compression stockings to reduce venous thromboembolism is one of the most frequently applied methods. Graduated compression stockings unless there are contraindications safely when used correctly.

Objective: This study examined appropriateness of use of graduated compression stockings.

Methodology: The study was run in the University Hospital and Clinics of Urology and Orthopedics. Sample of the study 114 patients were enrolled. A questionnaire developed by researchers in data collection were used. Analysis of data, number, percentage, chi-square test was performed.

Results: The patients of 77.5% graduated compression stockings for the use of compressed information from the health team, 58.8% of showed they know how to use graduated compression stockings. The patients of 29.8% experienced difficulty was the use of graduated compression stockings.

The patients of 96.5% the stocking size was appropriate, 92.1% of the patients worn correctly, 30.7% of the patients took off the stockings daily and examined the skin, 21.9% experienced wrinkling and gliding of the stocking, 19.3 % experienced a curling up of stocking, which created a tourniquet effect. 32.5 % experienced heat increase in both legs, 30.7% experienced itching, 11.4% experienced sensitiveness, 8.8% experienced erythema and numbness.

Conclusion: As a result of this study is the appropriate use of graduated pressure stockings, but because of deficiencies in patient education were experiencing some problems.

Key Words: Venous Thrombosis, compression stockings, venous thromboembolism