

Shoes on preventing of diabetic foot ulcer

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Diabetic foot ulcers are serious complication and found to be a major cause of amputation in diabetic patients. Persons with diabetes must be fully aware of diabetic foot ulcer preventions. One of the common causes of diabetic foot ulcer is improper shoes wearing.

Purpose of the Study: The purpose of this quasi - experimental research was to study the effect of Invented shoes to prevent of diabetic foot ulcers.

Methodology: The experimental subjects were 15 diabetics from TungYungHealthCenter, Amphur Lublae, Uttaradit whereas 15 diabetic from Wang Kha Pee, Amphur Muang, Uttaradit were selected to the control group. All subjects were followed up by the researcher 2 months after participating into the study. Data were collected from March to July 2008. The research instruments were a personal data checklist, a satisfaction in invented shoes questionnaires, an evaluation of diabetic foot ulcer checklist, the knowledge of foot care evaluation, and a structured interview. Data were analyzed by using descriptive statistics and content analysis.

Results: 1. Diabetic foot ulcers were not found in both experimental and control groups.

2. The diabetic patients in experimental group reported high level of satisfaction in wearing the invented shoes. ($\bar{x} = 2.70, SD = .35$)

Conclusion: Although diabetic foot ulcers were not found differently between two groups, the study can help diabetics develop and maintain good foot-care habit and prevention themselves from foot injuries by wearing proper shoes.

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