

Abstract 040

Category: Clinical Practice

TITLE: Foot self-care for preservation of skin integrity according to the severity of diabetic peripheral neuropathy

AUTHORS: Kamata M, Sato Y, Fujita T, Kamiya C

Introduction with problem statement

Patients with severe diabetic neuropathy often have foot ulcers and amputations. This study aimed to evaluate self-care behavior according to the severity of diabetic neuropathy.

Methods

We used a handheld nerve conduction device (the DPN check HDN) to measure the severity of diabetic neuropathy. Foot self-care behavior was evaluated using the Japanese Summary of Diabetic Self-Care Activities Measure (SDSCA). Foot self-care was divided into three categories: digital inspection, digital inspection using a digital device, and checking the foot and ankle according to the number of ulcers.

The mean age of diabetic patients was 65.5 years. The prevalence of diabetic neuropathy was 45.2%.