

Consciousness investigation about the rapid support for nurses in a neuromuscular disease-specialized hospital

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Abstract

Consciousness investigation about support was conducted regarding sudden changes in patient condition for the nurses who worked in a special hospital of neuromuscular disorders. The subjects were 41 nurses, who were classified into two groups. The junior group included nurses with two years or less of duty experience. The senior group included nurses with duty experience from three to five years. The things which had a difference in consciousness were the following four items; appropriate behavior, guidance to younger students, knowledge regarding sudden changes in patient condition, and techniques to deal with sudden changes in patient condition. An education system covering emergency care and including these items is necessary to acquire knowledge and learn techniques of support during a sudden change.

Keywords: sudden change support, nurse new face, consciousness investigation

Introduction

A hospital is a special hospital of the neuromuscular diseases. The inpatients have progressive diseases, but there are few sudden changes in their condition because the aggravation of the condition is usually slow. However, a sudden change in a condition may sometimes occur. Consciousness investigation when the condition of the patients took a sudden turn was conducted with nurses who had five years' experience or less in this study.

Materials and methods

The subjects were 41 nurses with experience of five years or less, and they were classified into two groups. Consciousness investigation about support was conducted by completing

a oneself-style questionnaire on sudden change in the condition of patients. The youth group comprised nurses within two years of experience. The senior group comprised nurses with experience of 3-5 years. A Mann-Whitney U test was used for official approval of the significant difference.

Results and discussion

The collection rate of the question paper was 82.9%. The youth group included 17 nurses, while the senior group had 18 nurses. Twenty-four people had participated in emergency care training. The following four items were found to have a significant difference regarding the consciousness at sudden change (Figure 1). 1) appropriate behavior; 2) guidance of younger nurses; 3) knowledge for at a sudden change, 4) techniques to use during a sudden change.

The nurses gradually gain knowledge and techniques by experiencing support during a sudden change, and may then learn appropriate behavior. Also, it seems that guidance to younger students can be given at the same time. However, concern about the following items was common. 1) usage of the article, 2) observation item 3) priorities, 4) assistance with endotracheal intubation, 5) fitting a 12-lead electrocardiogram. Nursing training could reduce lack of knowledge and techniques by simulation and demonstration of sudden changes in patients [1].

Reference

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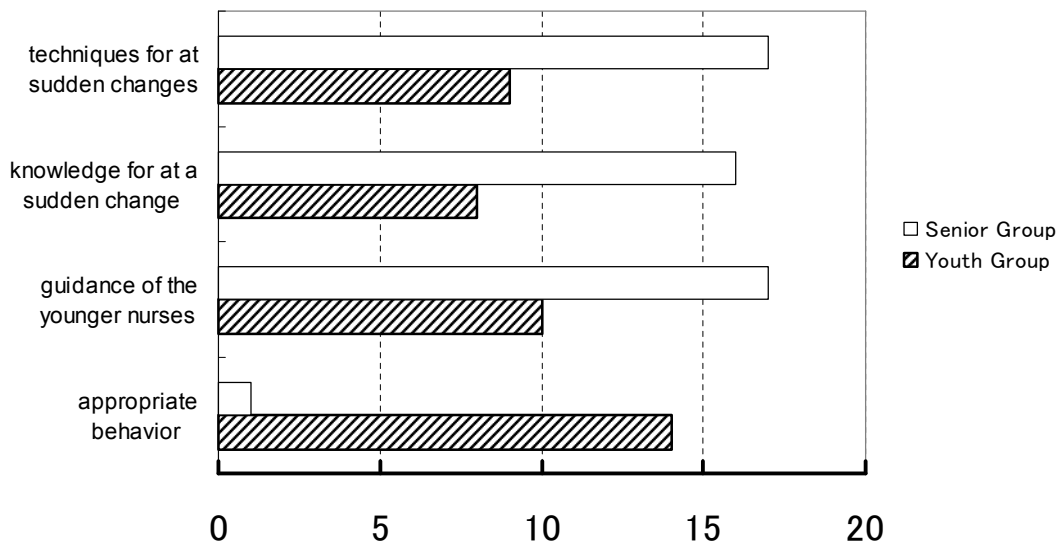


Figure 1. Difference in consciousness at sudden change between the two groups