Explore the Knowledge and Needs of Training related Secondary Complication of Stroke Patients among Caregivers of Nursing Home

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Introduction

Approximately 50% of patients have impairment in one or more executive function domains after stroke such as hemiplegia, sensory disturbances, cramps, balance disorders, cognitive impairement, and dysphagia et al. As a result, many issues of secondary complications care are derived such as pressure sores, joint contractures, joint pain, urinary Tract Infection and pneumonia.

Caregivers play an important role in providing daily care for stroke patients in nursing home. Understanding the knowledge and needs of training of caregivers regarding secondary complication care of stroke patients can identify areas in which to improve the quality of care.

The purpose of this study was to explore the knowledge and needs of training related secondary complication of stroke patients among caregivers of nursing home.

Methods

• Research Design: This research was conducted using a qualitative descriptive design with focus group, and the interviews were conducted to collect the information.
• Research Participants: Researchers use purposive sampling from five nursing home in middle Taiwan. The criteria included: (1) caregiver ever care of the stroke patients; (2) caregiver can be expressed through Mandarin and Taiwanese; (3) caregivers who are equal or older than twenty years old. Excluded criteria: (1) foreign caregivers; (2) Never have experience of care stroke patients; (3) caregivers who are less than 20 years old.

Data Collect: Data were collected from the caregivers of nursing home using semi-structured interviews from February 2017 to July 2017. The tape-recorded interviews were transcribed and analyzed using content analysis.

Data Collect Process:

- Contact key person
- Recruit qualified caregivers
- The number of groups in each nursing home is at least 5-6
- Prepare the environment and seat for interview
- Opening- introduction-conversion questions-key questions-ending
- 2 times per group, limited to 60 minutes each time

Focus groups order of conduct

Interview guidelines for focus groups:
(1) You think, what is stroke?
(2) What impact do you think that people have a stroke?
(3) Can you talk about your experience about care of stroke patients?
(4) What concerns problem when you care stroke patients?
(5) What capabilities you need when you care of a stroke patient?
(6) Can you talk about your current capabilities?
(7) Do you think what kind of ability you need to improve?
(8) What kind of training you need to improve for care stroke patients in nursing home?

Results

Thirty-eight caregivers of five nursing home were recruited for participation. The caregivers with a mean age of 42 years were recruited from nursing home organization in central Taiwan. (Table 1).

Four major themes emerged regarding the knowledge related secondary complication of stroke patients among caregivers of nursing home, as follows: (1) Limited knowledge of prevention of joint contracture and pressure sores (2) Daily care does not link with comorbidities (3) They don’t have enough ability for observation secondary complication of stroke patient; (4) It is unclear whether the physical condition or change of stroke patient is a complication. We also summed up the following five major themes for needs of training related secondary complication: (1) We need the continue education for observation of secondary complications; (2) We need the education for rehabilitation, move and transfer; (3) We need the education for oral care; (4) We need the education for communication and emotional control; (5) We need the updated information for observation and prevent of secondary complications.

Conclusion

Our findings suggested that caregivers should recognize that dealing with secondary complication care in the nursery home is a continuing care process, and that they can be the best discoverer and instructors for patient care. The results of this study might be used as a helpful and valuable reference in caregivers’ education for secondary complication of stroke patients among Caregivers of Nursing Home.