The development of empowerment program of stroke patients with urinary incontinence.

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Abstract (300 word limit)

The purposes of this research and development (R&D) study were to develop an empowerment program of stroke patients with urinary incontinence and to evaluate the effectiveness of empowerment program of stroke patients with urinary incontinence. This study applied empowerment concept of Gibson (1993) in the research framework. The process of this research included 4 process as follows: 1) assessed the problem and planned for program development, 2) developed the program, 3) applied the empowerment program in stroke patients with urinary incontinence, and 4) evaluated the effectiveness of the program. The purposive assigned participants included 10 nurses and 40 stroke patients. The patients were equally assigned to the experiment and control group, 20 patients for each group. The instruments were 1) the empowerment program of stroke patients with urinary incontinence, 2) the knowledge and skilled of nurses regarding nursing care for stroke patients with urinary incontinence form, 3) the satisfaction of nurses towards the use of this program form, 4) the urinary incontinence record form, and 5) the empowerment of stroke patients assessment form. The analysis was a Paired t-test, Wilcoxon Matched-Pairs Signed Ranks Test, and Mann Whitney U Test. The results of the study were as follows:1. The Empowerment Program of stroke patients with urinary incontinence consisted 2 parts including: Part 1, plan of empowerment including 4 activities: firstly, finding the situation; secondly, critical reflective; thirdly, decision for action; and fourthly, maintaining the effective performance. Part 2, the contents of each activity were main idea, objective, activity organizer, participants, place, time, media, process of activity, matter and guiding questions and evaluation. The researcher recorded the conclusion of each activity. 2. The effectiveness of empowerment program of stroke patients with urinary incontinence was found in nursing that there were significantly higher scores of knowledge and skill of nurses in each domain and overall than prior scores ($p<.05$). Nurses' satisfaction scores in each domain and overall were the high level. Severity of urinary incontinence in the experimental group, when baseline was compared with the mean scores after participating the program was significantly decreased ($p<.05$). Severity of urinary incontinence in the experimental group after participating the program was significantly lesser ($p<.05$) than that of the control group. Empowerment score of the patients in the experimental group, when baseline was compared with the mean scores after participating the program was increased significantly ($p<.05$). Empowerment score in the experimental group after participating the program was significantly higher ($p<.05$) than that of the control group.

Image

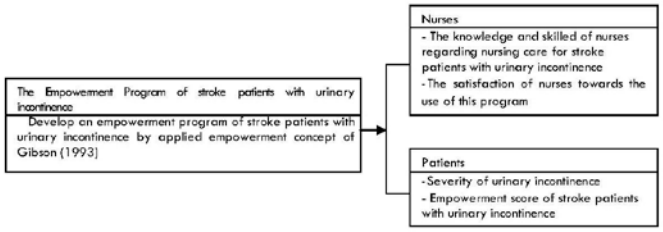


Figure 1: Concept of develop an empowerment program of stroke patients with urinary incontinence.

Recent Publications (minimum 5)

1. Abrams, P., Cardozo, L., Fall, M., Griffiths, D., Rosier, P., Ulmsten, U., et al. (2009). The standardization of terminology of lower urinary tract function: Report from the standardization sub-committee of the International Continence Society. American Journal Obstetric and Gynecology, 187(1), 116-126.
2. Herr-Wilbert, Imhof L, Hund-Georgiadis M, Willbert DM. (2010). Assessment-guided therapy of urinary incontinence after stroke. Rehabil Nurs, 35(6):248-53.
3. Pettersen, R., Stien, R., & Wyller, T.B. (2006). Post-stroke urinary incontinence with impaired awareness of the need to void: Clinical and urodynamic features. BJU International, 99(5), 1073-1077.
4. Prudencio, C. B., Nava, G.T., Cardoso, M.A., Marreto, R.B., & Valenti, V.E. (2014). Evolution of female urinary continence after physical therapy and associated factors. International Archives of medicine. 7:24.
5. Wyndale JJ, Kovindha A, Madersbacher H, Radziszewski P, Ruffion A,Schurch B, et al. (2009). Neurologic urinary and fecal incontinence. In: Abrams P, Cardozo L, Khoury S, Wein A, editors. Incontinence. 4th ed. Paris: Health Publication Ltd. 2009.



Biography (150 word limit)

Ms. Radiwan Kittichaised, I have graduated from nursing school in Bangkok, and had master degree in science (public health) also in Bangkok, Thailand. I'm working at Sirindhorn National Medical Rehabilitation Institute as a professional nurse caring for cerebro-vascular patient.

Research experience:

2013 A.D.- The evaluation of the usage of nursing documentation in in-patient department at Sirindhorn National Medical Rehabilitation Institute.

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