Effectiveness of Family Caregiver Participation in Rehabilitation Program on Recovery and Complications among Traumatic Brain Injury Patient and Caregiver’s Satisfaction of Care
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The purpose of this quasi-experimental research was to test Effectiveness of Family Caregiver Participation in Rehabilitation Program on Recovery, and Complications among Traumatic Brain Injury Patient and Caregiver’s satisfaction of care based on the conceptual of Theory of Goal Attainment (King 1981) and brain recovery.

The Purposive sampling was to select 30 subjects Traumatic Brain Injury (TBI) patients and caregivers in Sawanpracharak Hospital, Nakhonsawan, Thailand. The subjects were assigned into control group (n=15) and experimental group (n=15). The control group received only conventional nursing care. The experimental group received both conventional nursing care and rehabilitation program with family caregiver participation 14 days. The research instrument in this study were Glasgow coma scale, Rancho Los Amigos Level of Cognitive Functioning Scale (LCFS), The Sensory Modality Assessment and Rehabilitation Technique (SMART), The Modified Activities of Daily Index (MBAI), The Lamonica Oberst Patients Satisfaction Scale and complication of bed ridden.

Result revealed that patients in the experimental group had signification improved in the sensory modality assessment and rehabilitation technique score (p<.05), incident of stiffness less than control group (p<.05) and improved significantly Caregiver’s satisfaction of care. However, no significant difference was found between two groups for Glasgow coma scale, LCFS, MBAI, incident of Bed Sore Pneumonia and urinary tract infection.

Finding from this study can be used as information and guideline for nurses who are responsible for providing care to patients with TBI and promoting family caregiver to participate in patient care.

Keywords: Traumatic brain injury patients, Family caregiver, Rehabilitation program