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Development of quality of life questionnaire in stroke patients, Health region 4, Thailand

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This descriptive study was aimed to develop questionnaire of quality of life in stroke patients, evaluate quality of life in stroke patients and depression, and compare quality of life and depression of rural and urban in stroke patients, Health region 4. This research was divided in two phases. In the 1st phase, the samples included were nine persons of multidisciplinary team of stroke patients, officer of Sub-district Administration Organization (SAO), and stroke patient. Data was collected by using opinion of quality of life questionnaire and analyzed data by using content validity index; CVI and reliability of Cronbach's alpha coefficient. The result showed CVI was 0.80, and Cronbach's alpha coefficient was 0.84. Furthermore, depression questionnaire was suggested to implement with quality of life questionnaire that it did not cover depression. The 2nd phase, the samples from purposive sampling were 300 new cases of the first year in stroke patients who were treated at regional hospital, provincial hospital, community hospital, and health promoting hospital, both rural and urban area, Health region 4, August during 2015 to October 2016. Data were collected by using quality of life questionnaire that developed from the 1st phase, and depression questionnaire (Thai version of the PHQ-9; Thai PHQ-9). Data were analyzed by using descriptive statistics, and Wilcoxon Signed Ranks Test. The results showed that level of quality of life, and domain of physical, psychological, and environment were moderate but social relationship was poor, and depression was mild. To compare with rural and urban area showed that four domains of quality of life, totally quality of life, and depression were significantly different at $p < 0.05$. This study showed quality of life questionnaire was valid and reliable that should be expanded in another area. Quality of life level of stroke patients, Health region 4 was moderate, depression was mild. In rural and urban area, quality of life, and depression were significantly different. Therefore, intervention should be launched for improvement of quality of life in stroke patients in the future.

Biography

Ananya Manit is a nurse, head of male medicine ward, King Narai Hospital, Lop Buri, Thailand. She worked as non-communicable disease system manager since 2000, head of research and development department of Nursing Staff Organization in 2017.

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