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Factors Associated with Fall Prevention Behaviors among Elderly in Ban Na District, Nakhon Nayok Province, Thailand

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The descriptive survey study research. The objectives to study fall prevention behaviors of the elderly, and to study factors related to fall prevention behaviors of the elderly in Ban Na District, Nakhon Nayok Province. In this study, the purposive sampling was used to recruit 118 elderly samples. The questionnaire was used as a tool to collect employed quantitative data. The content validity was improved and adjusted by the suggestion of the expert. Using Cronbach's alpha coefficient tested the reliability of the assessment tools. Health beliefs questionnaire was 0.95 level and Falling prevention behaviors questionnaire were 0.82 level. Data analysis was done by computer program. Statistic was to acquire frequencies, percentage, means, standard deviation, maximum, minimum, Chi-square test and Pearson's product moment correlation coefficient for statistically significant at 0.05 level.

The result of this study showed that the fall prevention behaviors of the samples in Ban Na District, Nakhon Nayok Province was at a moderate level 62.71% (\bar{x} = 52.31, S.D.=3.62 Min. = 40, Max. = 60) and overall perceive falls factors were at a moderate level 72.04% (\bar{x} = 164.88, S.D.=16.25, Min. = 121, Max. = 211). The study was also found that personal factors; education ($\chi^2=15.73$, p-value=0.000) congenital disease ($\chi^2=8.89$, p-value=0.012) were significantly associated with associated with behaviors falls prevention. The perceive susceptibility ($r=0.206$, $p=0.025$), perceived benefits ($r=0.279$, $p=0.002$ and overall perceive falls factors ($r=0.236$, $p=0.010$) were positive relationship at a low level with the behavior of fall prevention of the elderly significant at <0.05 .

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