

AGEING AND WEAKENING SOCIAL COHESION AMONG STROKE PATIENTS IN MANADO

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ABSTRACT

Background: Stroke is one of the major public health problem worldwide. Data from several hospital in Indonesia showed that stroke is the leading cause of mortality among adults in Indonesia. Stroke patients experience diminishing quality of life. This study aimed to determine the effect of ageing on weakening social cohesion among stroke patients in Manado.

Subjects and Method: This was an analytic observational study with cross sectional design. This study was conducted in Manado, North Sulawesi. A sample of 42 ischemic stroke patients were selected for this study from several hospitals in Manado by stratified random sampling. The dependent variable was social cohesion. The independent variable was age. The sample patients were divided into 2 age groups: <60 years old (non-geriatric patients) and ≥ 60 years old (geriatric patients). The data were collected by questionnaire. Data on stroke diagnosis was obtained from the medical record. The data were analyzed using Odd Ratio and Chi Square.

Results: Mean (SD) age of stroke patients was 57.6 years (12.0 years). Proportion of geriatric stroke patients (aged ≥ 60 years old) was 38.1%. Female patients were 57.1%. Patients with ≥ high school attainment or higher were 42.9%. Patients belonging to Minahasa ethnic was 76.2%. The proportion of poor social cohesion was 37.5% among geriatric patients and 11.5% among non-geriatric patients. Ageing was associated with poorer social cohesion (OR= 4.60; 95% CI=0.95 to 22.16; p= 0.046).

Conclusion: Ageing is associated with poorer social cohesion among ischemic stroke patients.

Keywords: ageing, social cohesion, stroke patients

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