

Title: Outcome of critical care stroke patients in Ramadhibodi Chakri Naruebodindra Hospital

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This research was a retrospective descriptive study, aimed to study the outcomes of critical care stroke patients. The purposive sampling was used to select samples, 163 stroke patients. Retrospective data were studied from medical records of stroke patients admitted in intensive care stroke unit Ramadhibodi Chakri Naruebodindra Hospital during October 2020 to September 2021. The data were analyzed by using frequency, percentage, mean, standard deviation.

The results showed that the first process outcomes were as follows: The mean pre-hospital time from the onset of stroke to hospital was 1349.12 minutes (SD = 1738.359), the mean time from hospital arrival to received CT scan was 32.78 minutes (SD=32.425). The mean time from hospital arrival to CT Scan report was 57.44 minutes (SD=43.378). The mean time from hospital arrival to receive the blood test was 64.90 minutes (SD=42.889). The mean time from hospital arrival to received rtPA was 53.50 minutes (SD=11.352) and the second outcomes of care were as follows: Comparing the NIHSS score before rt-PA and before discharge, showed that increased, decreased, and the same, was 15.34%, 55.83%, and 28.83%, respectively. Comparing the Barthel ADL Index when first received and before discharge showed that increased, decreased and the same, was 33.74%, 6.75% and 59.51%, respectively. Percentage of patients received anti- coagulant drugs and self-care information were 90.80 and 96.93. The top three complications were AF, UTI and Electrolyte imbalance. The LOS was 6.34 days.

Biography

I am a nurse in Critical Care unit in Chakri Naruebodindra Hospital, Mahidol University, Thailand