ABSTRACT

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Relations Training *Range Of Motion* (ROM) With Muscle Strength Scale In Stroke Patients In Hospital Stroke Unit RK Charitas Palembang.

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(xii + 44 pages + 6 + 1 chart table + 7 enclosures)

Background: Stroke is a condition of sensory and motor dysfunction which may result in disability or death. Range of Motion Exercise conducted to assess and improve the function of the musculoskeletal system and is also one of the advanced therapy in stroke patients that aims to increase cerebral blood flow, minimize disability caused, thereby improving sensorimotor functions.

Objective: This study aimed to determine the relationship Training Range Of Motion (ROM) with muscle strength scale in stroke patients in Hospital Stroke Unit RK Charitas Palembang.

Methodology: The reseach used *documentary study* with *cross sectional* approach, using *Chi Square*. The sample in this study was 37 Stroke Patients. The sampling technique used was *accindental sampling*.

Results: The results showed that the test results statistically bivariate obtained p value = 0.001 shows that $\alpha < 0.05$ was thus no relations exercise Range Of Motion (ROM) On the scale of muscle strength in patients with stroke in Unit Stroke RS RK Charitas Palembang in 2016. It is hoped that this research can be used as a source of information and as a reference for improving the function of the musculoskeletal system, increase cerebral blood flow, minimizing disability caused, so that it can improve the function sensorimotorik.

Bibliography 20 (2006 - 2015)