

**APPLICATION OF PASSIVE RANGE OF MOTION (ROM) TO INCREASING  
MUSCLE STRENGTH IN STROKE PATIENTS IN THE ANGGREK 2 ROOM DR.  
MOEWARDI SURAKARTA**

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**ABSTRACT**

**Background:** Stroke is a disease of the brain in the form of impaired local or global nerve function. Impaired nerve function in stroke is caused by nontraumatic cerebral circulation disorders. Stroke patients who experience hemiparesis can cause complications of functional disorders, impaired mobility, disruption of daily activities and disabilities that cannot be cured. Management to increase the mobilization of stroke patients is the Range of Motion (ROM) action. **Objective:** to find out the results of applying the ROM Range Of Motion technique to increasing muscle strength in Non Hemorrhagic Stroke patients who experience hemiparesis at Dr. Moewardi Surakarta. **Methods:** Descriptive research using case studies, this application measures muscle strength before and after ROM is carried out, ROM therapy is carried out twice a day for 5 days. **Results:** Muscle strength in Tn.P from (upper extremities) 0/4 and (lower extremities) 0/2 to (upper extremities) 2/5 and (lower extremities) 2/4. In Ny E, muscle strength from (upper extremity) 5/3 and (lower extremity) 5/5 to (upper extremity) 5/4 and (lower extremity) 5/5. **Conclusion:** there was an increase in muscle strength from both respondents after ROM therapy.

**Keywords:** Stroke, muscle strength, ROM.