

## ABSTRACT

### IMPLEMENTATION OF RANGE OF MOTION (ROM) PASSIVE ON THE POWER OF EXTREMITIVE TREATMENT IN TN.S WITH NON HEMORAGIC STROKE IN VILLAGES OF KARANGANYAR BOLONG

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**Background:** Stroke is a condition that occurs when blood supply to a part of the brain is suddenly disturbed, because some brain cells experience death due to disruption of blood flow due to blockage or brain blood vessel rupture. One of the nonpharmacology therapy to increase muscle strength of extremities is by application of Passive Range Of Motion (ROM). ROM is the maximum ability of a person in doing the movement. ROM is useful for maintaining or maintaining muscle strength and maintaining joint mobility. **Objective :** To determine the effect of ROM passive application on muscle strength of extremitie. **Method:** The type of research used is descriptive observasional. The application of Passive ROM was then conducted by observation to determine the effect of Passive ROM on the strength of limb muscle. **Result:** the results of the implementation and analysis showed that there was an increase in limb muscle strength with the result on Tn.S increased muscle strength of left extremity from degree 3 to degree 4 after done Passive ROM for 8 times within 2 weeks and done at least 2 times a day in alternate interval.

**Key words:** *Stroke, Range Of Motion (ROM) Passive, muscle strength of the extremities*