

***THE IMPLEMENTATION OF AIUEO SPEECH THERAPY IN IMPROVING  
SPEECH ABILITY IN STROKE PATIENTS AT PKU MUHAMMADIYAH  
KARANGANYAR HOSPITAL***

Alif Muhammad Suhada

Dr. Mulyaningsih, S. Kep. Ns., M. Kep

[alifmuhammadsuhada@gmail.com](mailto:alifmuhammadsuhada@gmail.com)

Diploma III Nursing Program, Universitas 'Aisyiyah Surakarta

***ABSTRACT***

***Background:*** Stroke is a neurological disorder that can cause aphasia or speech disorders due to damage to the language center in the brain. One of the non-pharmacological approaches to overcome speech disorders in stroke patients is the application of AIUEO vocal therapy. ***Purpose:*** of this study was to describe the effect of AIUEO speech therapy on improving speech in stroke patients. ***Methods:*** This study used a case study design with two respondents who experienced non-hemorrhagic stroke and speech disorders. Therapy was conducted for 7 days, twice a day for 4-5 minutes each. Measurement of speech ability was carried out using the FAST instrument before and after the intervention. ***Results:*** showed an increase in FAST score in Mr. S from 15 to 19 and in Mrs. S from 15 to 19 and Mrs. S from 17 to 21, indicating an improvement in the vocal ability category from "needs special attention" to "good enough". ***Conclusion :*** AIUEO therapy is effective in improving the speech of stroke patients, and can be applied as a simple but meaningful nursing intervention.

***Keywords:*** Stroke, Aphasia, AIUEO therapy, Speech ability, FAST