

THE EFFECT OF ANEMIA EDUCATION WITH AUDIO-VISUAL MEDIA (VIDEO OF THE INDONESIAN MINISTRY OF HEALTH) ON KNOWLEDGE AND COMPLIANCE WITH THE CONSUMPTION OF BLOOD ADDED TABLETS (TTD) IN CLASS VII STUDENTS OF SMP NEGERI 1 PRAMBON NGANJUK

Deby Ayu Sukmawati

Program Studi Gizi, Politeknik Kesehatan Kementerian Kesehatan Surabaya

ABSTRACT

Background: Low hemoglobin levels are a medical disorder called anemia. Indonesia has a anemia rate in adolescents of 32% based on data from Basic Health Research (Riskesdas) in 2018. Adolescents' awareness of anemia can alter their adherence to TTD use. **Objective:** This study aims to determine the impact of anemia education on the understanding and compliance with the use of Blood Supplement Tablets or TTD for grade VII students of SMP Negeri 1 Prambon using learning video media from the Ministry of Health of the Republic of Indonesia. **Method:** This type of research is a quantitative research, with the design of the research method used, namely Quasi Experimental Design in the form of a Pretest-Posttest Non-Equivalent Control Group, namely there are two groups of control and experiment. In the control group, educational treatment was given with lectures while in the experimental group, educational treatment was given with TTD educational videos from the Indonesian Ministry of Health. Data collection was carried out by interviewing TTD consumption knowledge and compliance questionnaires. The data was tested by the SPSS statistical test of the Mann Whitney Test. **Results :** This type of study uses a quantitative approach with a quasi-experimental design in the form of a pretest-posttest non-equivalent control group consisting of two control groups and an experiment. The experimental group received educational treatment in the form of TTD educational videos from the Indonesian Ministry of Health, while the control group received a lecture. A questionnaire on knowledge and compliance with the use of TTD was used to obtain data. The Mann Whitney test, the SPSS statistical test, was used to test the data. **Conclusion :** There is an influence of anemia education with TTD educational video media of the Ministry of Health of the Republic of Indonesia on the knowledge and compliance of TTD consumption in grade VII students of SMP Negeri 1 Prambon.

Keywords : Audiovisual, Anemia Education, Knowledge, TTD Consumption Adherence