

**ABSTRACT**

**THE EFFECT OF HEALTH EDUCATION APPROACH TO  
INFORMATION-MOTIVATION-BEHAVIORAL SKILLS MODEL WITH  
COMICS ON BEHAVIOR IN PREVENTING DHF IN SDN PLAKPAK 5  
AND SDN PLAKPAK 4 PEGANTENAN PAMEKASAN**

Quasy Experimental Research

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Dengue hemorrhagic fever (DHF) is a serious disease caused by the dengue virus carried by the *Aedes aegypti* mosquito with early symptoms of high fever to death. DHF can strike all ages, women and men. DHF cases in children is quite high, which is due to lack of DHF prevention behavior committed by children. This study aimed to study the effect of health education with the approach of information-motivation-behavioral skills model with comic to DHF prevention in SDN Plakpak 5 and SDN Plakpak 4 Pegantenan, Pamekasan.

This study used an quasy experimental with post test only control group design. The population in this study were grade 4 in SDN Plakpak 5 and SDN Plakpak 4. A sample of 20 respondents in SDN Plakpak 5 as the treatment group and 20 respondents in SDN Plakpak 4 as the control group were taken by purposive sampling technique. The independent variable in this study was a health education approach to information-motivation-behavioral skills model with comics, while the dependent variable in this study the behavior of dengue prevention. Data was collected by using questionnaires and observation sheets, and then analyzed using the Mann Whitney U-Test with significance  $\alpha = 0.05$ .

*Mann whitney* test showed that the application of information-motivation-behavioral skills model of the comics media influence knowledge ( $p=0.000$ ), attitude ( $p=0.020$ ), and action ( $p=0.00$ ) children.

The result of this study concluded that health education approach to information-motivation-behavioral skills model with comics influence the behavior of DHF prevention. Future studies are expected to examine other factors that influence behavior.

Keywords: Health education, *information-motivation-behavioral skills model*, the knowledge, attitudes, actions, DHF, children.