

THE EFFECT OF DEMONSTRATION USING FLYER MEDIA ON  
STUDENTS KNOWLEDGE AND SKILLS OF HAND WASHING AT SDN  
MERJOSARI 2 MALANG CITY

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**ABSTRACT**

Health development in Indonesia aims to increase awareness by implementing PHBS in order to realize a degree of health. However, the problem of not washing hands at school is still a problem, cases of not washing hands properly are still quite high at 45%. Many students only wet their hands with water without soap before eating. This study aims to determine the effect of demonstrations using flyer media to students on handwashing knowledge and skills at SDN Merjosari 2 Malang City. This research method is pre-experiment using a one group pretest posttest design. This study was conducted in January 2025. A sample of 28 students. The instruments used were questionnaires and observation sheets. Data analysis used the Wilcoxon test. The handwashing knowledge score before treatment was 57% and increased to 89%. Meanwhile, the skill score increased from 0% to 43%. The results of the Wilcoxon test showed a significant value of  $p = 0.000 (<0.05)$  which indicated a significant effect. Demonstrations with flyer media are effective in increasing students' knowledge and skills in washing their hands. Visual media helps students understand the steps of washing their hands more clearly and easily. These findings support the importance of simple media-based health education in elementary school environments.

**Keywords:** demonstration, flyer media, knowledge, skills, hand washing