ABSTRACT

THE EFFECT OF EDUCATION USING FLIPCHART MEDIA ON TUBERCULOSIS KNOWLEDGE AMONG MEDICATION SUPERVISORS (PMOs) IN THE WORKING AREA OF KEDUNGKANDANG PUBLIC HEALTH CENTER, MALANG CITY

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Tuberculosis (TB) remains a major public health problem in Indonesia, including Malang City. The success of TB treatment is strongly influenced by patients' adherence to taking medication regularly, which is supported by the role of Medication Supervisors (PMOs). Low levels of PMOs' knowledge regarding TB can hinder the effectiveness of patient assistance and increase the risk of treatment interruption. Based on secondary data from the working area of Kedungkandang Public Health Center in 2024, out of 53 TB patients, 10 patients discontinued or were non-adherent to their treatment. Health education using flipchart media is considered an easy-to-understand, attractive, and applicable method to improve PMOs' knowledge. This study aimed to analyze the effect of education using flipchart media on PMOs' knowledge about TB in the working area of Kedungkandang Public Health Center, Malang City. This study used a pre-experimental design with a one-group pretest–posttest approach. The population in this study consisted of 30 PMOs of TB patients in the working area of Kedungkandang Public Health Center, selected using total sampling technique. Data were collected using a knowledge questionnaire administered before and after the educational intervention using flipchart media. Data analysis was performed using the Wilcoxon test. The Wilcoxon test results showed a significant effect of education using flipchart media on PMOs' knowledge about TB ($p < 0.001$). The average knowledge score increased from 67.33 in the pretest to 91.55 in the posttest. Education using flipchart media was effective in improving the knowledge of Medication Supervisors (PMOs) regarding tuberculosis (TB) in the working area of Kedungkandang Public Health Center.

Keywords: Health Education, Flipchart Media, PMO Knowledge, Tuberculosis (TB)