

ABSTRACT

*THE EFFECT OF HEALTH CADRE EMPOWERMENT ON FAMILY
KNOWLEDGE AND SKILLS IN PREVENTING TUBERCULOSIS
TRANSMISSION IN RW 08, PURWANTORO VILLAGE, THE WORKING AREA
OF CISADEA PUBLIC HEALTH CENTER, MALANG CITY*

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Tuberculosis (TB) remains a public health issue requiring sustained efforts to prevent transmission, particularly at the family level. Health cadres play a strategic role in preventing TB transmission by empowering the community through the enhancement of family knowledge and skills. Therefore, a structured and participatory approach to empowering health cadres is needed to improve families' knowledge and skills regarding TB transmission prevention. This study aimed to determine the impact of health cadre empowerment on the knowledge and skills of families in RW 08, Purwanto Urban Village (Cisadea Community Health Center area, Malang City) regarding the prevention of TB transmission. A quasi-experimental method with a pretest-posttest design (without a control group) was employed. The study sample consisted of 30 families. The intervention involved empowering health cadres in TB transmission prevention, followed by an evaluation using a knowledge questionnaire and a skills observation checklist. Data were analyzed using the Wilcoxon Signed-Rank Test. Hypothesis testing results indicated a significant effect of health cadre empowerment on families' knowledge and skills regarding TB transmission prevention ($p\text{-value} < 0.001 < 0.05$); thus, the null hypothesis (H_0) was rejected, consequently health cadre empowerment significantly influences the improvement of family knowledge and skills in preventing TB transmission. Health cadre empowerment is recommended as a family-based strategy for preventing TB transmission, to be implemented sustainably with active support from the community health center.

Keywords: *empowerment health cadre tuberculosis, knowledge and skills, transmission prevention TBC*