

ABSTRACT

ENVIRONMENTAL FACTORS ON LUNG TB PATIENTS

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Tuberculosis is one of the health problems in the community. According to WHO 2018, 10 million TB incidents have five highest case states, namely India, China, Indonesia, the Philippines, Pakistan. The purpose of this study is to identify environmental factors including ventilation, humidity, lighting. This study uses secondary data methods from 5 journals including 3 international journals 2 national journals. Data analysis was obtained from the conclusions of 5 journals. The results of a journal analysis on ventilation that did not meet the health requirements of 54.7% and fulfilled the requirements of 45.3% of respondents, humidity that did not meet the requirements of 59% and fulfilled the requirements of 41% of respondents, lighting that met the requirements of 59% and did not meet the requirements of 62% of respondents . Criteria for a healthy home environment can prevent tuberculosis transmission if ventilation is at least 20% of the floor area, humidity is 40-60%, lighting is 60 Lux. Researchers suggest that people apply PHBS so as to minimize TB transmission that results from the home environment.

Keywords: Home Environment, Tuberculosis