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ABSTRACT

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**FACTORS ASSOCIATED WITH THE INCIDENCE OF PULMONARY
TUBERCULOSIS IN TODDLERS AT THE PEDIATRIC POLYCLINIC
OF RSUD DR.SOEKARDJO TASIKMALAYA CITY**

Indonesia has the second highest number of tuberculosis cases in the world. Tuberculosis (TB) is an infectious disease caused by the bacterium *Mycobacterium tuberculosis*. Tuberculosis in children occurs in children aged 0 to 14 years. According to WHO (2022), an estimated 10.6 million people suffer from tuberculosis worldwide and 11% of children suffer from tuberculosis in the world. In 2022, Dr. Soekardjo Hospital had 119 cases of pulmonary tuberculosis in toddlers. This study was conducted to determine the factors associated with the occurrence of pulmonary tuberculosis in toddlers at the Pediatric Polyclinic of RSUD dr. Soekardjo Tasikmalaya city. This study used a case control design. The study population was patients aged 6-59 months who visited the pediatric polyclinic from January to June 2023. Data analysis in this study used chi-square test with a total sample of 74 case samples and 74 control samples. The results showed that there was a significant relationship between nutritional status ($p=0.033$), exclusive breastfeeding history ($p=0.029$), contact history with BTA+ tuberculosis patients ($p=0.000$), and the presence of smokers in the house ($p=0.013$) with the incidence of pulmonary tuberculosis in toddlers. Suggestions in this study increase information about exclusive breastfeeding, increase information on BTA + TB patients who live in the same house with toddlers to maintain contact such as using masks and not sharing rooms with toddlers, and change smoking behavior so that they do not smoke in the house.

Keywords: Pulmonary TB, toddlers, Risk Factors