

## Overview of Tuberculosis among Children of Madurese Ethnicity in East Java, Indonesia

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**ABSTRACT** This study aimed to find the characteristics of tuberculosis (TB) in children among the Madurese ethnicity in Indonesia. A descriptive study with a cross-sectional approach was used. The study used Indonesian TB scoring on 23 Madurese children consisting of 16 children with active TB and 7 healthy control children. Data was analysed with SPSS software and Pearson's test. The findings showed that children who contacted adults with TB active associated with the incident of active TB (OR=64 (3.83-2623.17)). A positive result of the tuberculin test was experienced in active TB participants (OR=136 (5.58-20266.2)). While weight or nutritional status has a good category (OR=0.31 (0.03-3.07) and children with TB active indicated the symptom of cough more than 3 weeks (OR=7 (0.60-185.21)). Those who had *swollen lymph nodes* were in an active TB group (OR=128 (5.22-19130.8)), as well as had a chest X-ray suggestive of TB (OR= 0.02 (0-0.26)).