

## Anemia and its determinant factors among school children 6-10 years in Alor district, East Nusa Tenggara province, Indonesia

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### Abstrak

Anemia remains health problem in developing countries including Indonesia especially the Eastern part despite many to efforts to solve the problem. Anemia has cost lives of many people by its complex mechanism in the body and health of individual in general. The consequences of anemia are not only life loss but also reduction of intellectual ability especially in school children. The magnitude of anemia among school children needs to be understood to optimize clinical and public health programs to improve nutritional and health status of children in developing countries. The objective of the study was to find the association between anemia and malaria together with other determinant factors among school children 6-10 years of Alor district.

This report was prepared to partially fulfill the requirements for the degree of Masters of Science in Community Nutrition at the Faculty of Medicine Postgraduate Pro gram. University of Indonesia.

This report is divided into three parts as follows:

The first part is introduction-explaining background of the study, problem statement, literature review, causal model, hypothesis, objectives as well as variable-indicator-matrix. The literature review intentionally focused magnitude of anemia and causes of anemia such as malaria infection, worm infestation, chronic diseases, dietary intake and socioeconomic factors.