

**Analisis Asupan Mikronutrien dan Riwayat ISPA pada Balita Stunting dan Non-Stunting di Kelurahan Kebon Agung Kabupaten Jember** (*Analysis of Micronutrient Intake and History of Acute Respiratory Infections on Stunted and Non-Stunting Toddlers in Kebon Agung Village, Jember Regency*)

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**ABSTRACT**

*The emergence of various nutritional problems becomes an obstacle in the child's growth period, the stunting incident in toddlers is one of the conditions that describes chronic undernourishment status during growth. Stunting is influenced by a lackluster intake of nutrients, a very insufficient diet of food delivery and an attack of infectious diseases. Inadequate intake of micronutrients is one of the reasons why children develop infectious diseases. Vitamin A and zinc play a role in immune maintenance and nutritional fulfillment to prevent Stunting. The purpose of this study is to find out and analyze the difference between zinc intake, vitamin A and the history of Acute Respiratory Infection (ARIs) on stunted and non-stunting toddlers in Kebon Agung Village, Jember Regency. This research is analytic type of observational design case control design with 34 stunting toddlers and 34 non-stunting toddlers with a total of 68 toddlers. The subject-taking technique used a simple random sampling techniques based on inclusion and exclusion criteria, and then spinner randomization. The research instruments used are writing instruments, informed consent sheets, stadiometers, SQ-FFQ forms and food pictures. The data obtained were processed using SPSS and 2007 nutrient survey. Research results show that there is a difference in intake of zinc ( $p$ -value =  $<0.001$ ) and vitamin A ( $p$ -value =  $<0.001$ ) in stunting and non-stunting toddlers, there is no difference in the history of ARIs ( $p$ -value =  $0.42$ ) on stunted and non-stunting toddlers in Kebon Agung Village, Jember Regency.*

*Keywords: Stunting, Zinc, Vitamin A, History of Acute Respiratory Infections*