

ABSTRACT

Background : *Stunting is short or very short state index based Height by Age. A common cause of stunting in children are due to malnutrition in children or suffered recurrent infectious diseases. The body will need more nutrients in addition to fight the illness, as well as to the development of body.*

Methods: *The purpose of this study was to determine the prevalence of stunting children 0-5 years old based on the types of infection and non-infection diseases in Dr. Soetomo Hospital, in January 2014 - December 2014. All 0-5 years old patient who were stunted is inclusion and patients with incomplete data is exclusion.*

Results: *The result of this research showed, patients who have infectious diseases was the most. In the group of infectious diseases, most diseases were respiratory tract infection. The other diseases were digestive tract infection, infection of the liver organ, Central Nervous System (CNS) infection and congenital viral infection. In the group of non-infectious diseases, most diseases were heart defects. The other diseases were abnormalities in liver organ, neurological disorders, hematological disorders, gastroenterology disorders, malignancies, renal disorders, and endocrine disorders. Based on types of infection diseases, dominated by respiratory tract infections. Based on types of non-infection diseases, dominated by congenital heart defects.*

Conclusion: *The prevalence of stunting condition based on type of the disease is infection disease. Based on infectious disease, mostly is respiratory tract infections. Based on non infectious diseases, mostly is congenital heart defects.*

Keywords: *Stunting, infectious disease, non infectious disease*