

## THE PREVALENCE OF ANGULAR CHEILITIS IN 5-18 YEARS OLD CHILDREN AT “HABIBIE” ORPHANAGE SURABAYA

### **ABSTRACT**

**Background.** In this globalization era nowadays, society has understood the importance of nutrition for children. Most people have learned about various common diseases related to malnutrition, however not many of them understand about Angular Cheilitis, a disease which can be caused by fungal and bacterial infection, predisposed by malnutrition. Children living in orphanage is subjected to the risk of malnutrition. This research was to find the prevalence of Angular Cheilitis in children of age 5-18 years old living at “Habibie” Orphanage Surabaya. This place was chosen for its location among mid-low economical status area so that it might host children with malnutrition. **Purpose.** This study aimed to find out the prevalence of Angular Cheilitis in 5-18 years old children living in Habibie orphanage Surabaya. **Method.** Descriptive observational study with cross-sectional total sampling method. **Result.** Out of 32 children participating in this study, 16 were determined suffering malnutrition, 2 subjects (12,5%) were found with Angular Cheilitis. Both were girls, age 12 and 14 years old. Statiscally, there were no correlation between Angular Cheilitis and malnutrition, sex and age. **Conclusion.** Eventhough Angular Cheilitis is related to malnutrition, its pathogenesis involve predisposing factors such as bad habits which allow continous humidity in the angular area, providing a favorable environment for the growth of microorganisms.

**Keywords:** Angular Cheilitis, Malnutrition, Children