

## **ABSTRACT**

### **STUDY ON THE USE OF VITAMINS AND MINERALS IN STUNTING CASE AT PUSKESMAS WONOKROMO AND SIDOSERMO SURABAYA PERIOD JULY-OCTOBER 2022**

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One of the physical growth disorders in children under the age of five brought on by persistent nutritional issues is stunting (dwarf). For the period of July to October 2022, this study set out to ascertain how vitamins and minerals were used in cases of stunting at the Wonokromo and Sidosermo Health Centers in Surabaya. Assessing the nutritional status of individuals with stunting following vitamin and mineral therapy. Retrospective data collection from cohorts from July to October 2022 was done with a sample size of 18 pediatric patients. This study was conducted at the Wonokromo and Sidosermo Health Centers in Surabaya from July to October 2022 using interview sheet instruments, respondent data, and descriptive data processing. The data were then presented in the form of tables, graphics and percentages. According to the study's findings, four patients (22.2%) at the Wonokromo Health Center used multivitamin taburia for a period of four months, with the recommendation that they take one sachet with each meal. While 14 patients (77.8%) received vitamin and mineral powder treatment at the Sidosermo Health Center over the course of four months and are to be taken twice daily after meals. After receiving vitamins and minerals for four months, all pediatric patients still had stunted growth.

Keywords: stunting, z-score, vitamins, minerals